



DARPAN



THE NEWSLETTER

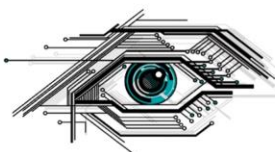
VOL. XI

(JULY-DECEMBER 2019)

HIGHLIGHTS-

- ~ MISSION/ VISION
- ~ FROM THE DESK
- ~ RESEARCH PAPER/
BOOK PUBLICATION
- ~ OCCASIONS/
FESTIVALS CELEBRATED
- ~ TRAININGS/ WORKSHOPS
- ~ STUDENTS ACHIEVEMENTS
- ~ PLACEMENT RECORD
- ~ EXTREME TEAM

C.S.E. DEPARTMENT



VISION

TO BE A CENTER OF EXCELLENCE BY PROVIDING CONTEMPORARY EDUCATION AND RESEARCH IN THE FIELD OF COMPUTER SCIENCE AND ENGINEERING.



MISSION

- ~ TO CREATE CONDUCTIVE LEARNING ENVIRONMENT THROUGH EFFECTIVE TEACHING AND LEARNING PROCESS PROMOTING QUALITY EDUCATION AND RESEARCH.
- ~ TO PROMOTE RESEARCH, CONSULTANCY AND ENTREPRENEURSHIP DEVELOPMENT THROUGH INDUSTRY - INSTITUTE COLLABORATIONS.
- ~ TO MAKE THE STUDENTS CORPORATE READY WITH THE RIGHT SPIRIT AND INTERPERSONAL SKILLS.

FROM THE DESK



"I FEEL IMMENSELY PROUD THAT OUR INSTITUTION IS COMMITTED TO IMPART EDUCATION AND PROVIDE AN ENVIRONMENT FOR A HOLISTIC DEVELOPMENT. I FEEL PRIVILEGED TO BE LEADING A TALENTED GROUP OF STUDENT AND FACULTY. WITH THIS NEW ISSUE OF THE NEWSLETTER. WE BRING YOU A GLIMPSE OF MYRIAD OF STREAMS OF ACTIVITIES BEING PURSUED."

DR. VISHNU SHARMA
PRESIDENT EXTREME
HOD CSE, GCET



"COMPUTER SCIENCE AND ENGINEERING DEPARTMENT HAS ALWAYS BEEN SUPREME IN IT'S APPROACH TO EDUCATION. THE WAY WE TEACH AND THE WAY OUR STUDENTS LEARN IS UNIQUE AND CREATIVE. IT HAS MADE ITS MARK IN ACADEMIC, SPORTS, AND CULTURAL FIELDS. OVERALL DEVELOPMENT OF THE INDIVIDUAL IS THE GOAL OF EDUCATION AND WE ALL HAVE TO ENSURE THAT THERE IS NO STONE LEFT UNTURNED TO EQUIP THE STUDENTS OF TODAY FOR THE CHALLENGES OF LIFE."

DR.INDERPREET KAUR
VICE-PRESIDENT EXTREME
CSE, GCET



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TREE PLANTATION DRIVE

As a concerned institution, Computer Science Engineering Department's Extreme Team took this initiative of planting saplings and promote afforestation in the entire college campus on 14th August 2019.

The President and H.O.D. of CSE Department, Dr. Vishnu Sharma and Vice President Dr. Inderpreet Kaur were the major contributors and influencers behind this initiative. Followed by the presence of Faculties, General Secretaries, Secretaries and Joint Secretaries of Extreme Team were there to support the cause and different saplings were planted in different corners of the campus.



JANMASHTAMI CELEBRATION

CSE Department and EXTREME TEAM organised JANMASHTAMI CELEBRATION on 22nd of August, 2019 in E block arena. The program began with Krishna poojan followed by a soul enchanting havan. As soon as the havan finished the main program started at 3:30pm. The program started with a famous quote of Gita and by giving the vote of thanks to CSE department for their cooperation and support by the President and Vice President of Extreme Team. A skit was performed by Extreme Cultural team which included a phenomenal dance performance and an incredible vocal singing. The faculties of CSE were impressed well by the performance from Cultural Team. Everybody appreciated their performance and efforts. "Hathi ghodha palki, Jai kanhaiya lal ki", slogans were vociferated from the students with energy and enthusiasm. Positivity and excitement was visible between them. The program came to an ending note with Dahi Handi for which everybody was eagerly waiting. Second year students formed human pyramid and both the General Secretaries climbed on top. The whole arena was excited and was cheering for them. With the breaking of matki, the program came to an end with a happy note.



TEACHER'S DAY CELEBRATION

CSE DEPARTMENT and EXTREME CLUB celebrated Teachers Day in E Block. The program began with an Introduction and thanking teachers for their help, guidance and moral support. Then Inderpreet Ma'am was invited to say a few words. She appreciated our efforts and thanked us for the celebrations. After giving token of thanks by our Anchor Ayushi Singh, a beautiful poem was recited by the Joint Secretary of Decor Vibha which was originally written by Prajanya Aditya Shukla which truly explained the relationship of a teacher and his student. After the soulful poem, Cards and interesting titles were given to every teacher. They were also given a badge with their titles on it, these titles were given to them for their unique qualities, for example, Mr. Know it all, Mrs. Phenomenal. Fun games were played such as dumb charades which made things enjoyable for everyone in which each teacher was given a movie name and they all tried their best to make everyone understand and crack the name. They played the games with full of energy, fun and excitement. Lastly all the teachers were given chocolates as a token of thanks for their valuable



STUDENTS ACHIEVEMENTS

Julia is an upcoming language for fast numerical computing and mathematical modelling which is now gaining a lot of traction in the machine learning and data science circles. This year, I participated in Julia's Season of Contribution program for the year of 2019, organized by the Julia Language Organization. In this program, which is an extension of Google's prestigious Summer of Code program, graduate and undergraduate students submitted project proposals that would enrich the Julia language ecosystem.

~Kartikey Gupta, 4th year CS student, GCET Greater Noida.

"Medicine is a science of uncertainty and an art of probability." -William Osler. Being a computer science student, I was inspired to analyze the role of technology in medical science that could reduce this uncertainty. I wrote a review paper on the topic 'Multidisciplinary Approach of Artificial Intelligence over Medical Imaging' - A review, Challenges, Recent Opportunities for research.

~Manisha Chaudhari, 2nd Year CS Student, GCET Greater Noida.



Academics & Curricular

Workshops, Trainings, Development



RESEARCH PAPER

- **Most preferable combination of explicit drift detection approaches with different classifiers for mining concept drifting data streams** ~ Dr. Ritesh Srivastava
International Journal of Data Science, Inderscience
- **Empirical Estimation of Various Data Stream Mining Methods** ~Dr. Ritesh Srivastava
International Journal of Computational Intelligence Studies, Inderscience
- **Finger Vein Recognition Using Modified Maximum Edge Position Octal Pattern**
~Dr. Vishnu Sharma
International Conference on Signal Processing and Integrated Networks (SPIN), IEEE
- **Design and Analysis of Intrusion Detection System via Neural Network, SVM, and Neuro-Fuzzy** ~ Mr. Abhishek Tiwari
Emerging Technologies in Data Mining and Information Security, Springer, Singapore
- **Optimization of ROI Size for Development of Computer Assisted Framework for Breast Tissue Pattern Characterization Using Digitized Screen Film Mammograms**
~Mr. Indrajeet Kumar
Machine Learning in Bio-Signal Analysis and Diagnostic Imaging, Academic Press
- **Real-Time Intrusion Detection System Using Computational Intelligence and Neural Network: Review, Analysis and Anticipated Solution of Machine Learning**
~Mr. Abhishek Tiwari
Information Technology and Applied Mathematics, Springer

PATENTS:

➤ Patents Published:

Application number: 201941045946

Title of invention: Method for Face-Recognition on the basis of sketch Using deep convolution neural network

Faculty Name: Mr. Youddha Beer Singh

➤ Patent Filled:

Application number: 201911045999

Title of invention: Internet of Things and online Machine Learning based system for Precision Agriculture

Faculty Name: Dr. Ritesh Srivastava

INDUSTRIAL VISIT

Amazing Training Basket Pvt. Ltd. : CSE

DEPARTMENT & EXTREME TEAM conducted an industrial visit to Amazing Training Basket Pvt Ltd. located at I-thum tower, Sector 63, Gautam buddh nagar. It was based on the topic Network and cyber security. It made students aware about the development of cyber security, it's usage in industry, scope and latest development in the same. It was lead by Mr. Dinesh Babu, Assistant Professor, GCET.

Training Basket
Training | Development | Placement

Mapping Skills Pvt. Ltd. : CSE DEPARTMENT & EXTREME TEAM conducted an industrial visit to Mapping Skills Pvt. Ltd., Gautam buddh nagar. It was conducted on the topic of Drone Technologies. Students were taught about the Drones, how they work, their procedure of flying and what technologies are used in drones. It helped students to make them aware about drones and those who want to pursue their future in drone tech.



WORKSHOPS

PYTHON Workshop

(13th September, 2019)

As an honour to the different domains of engineering and technology, Extreme club organised a tremendous workshop on Python programming on 13th September, 2019. The workshop comprised of discussion over python learning, programming domains and executions of different codes with different platforms such as Jupyter, Pycharm.

Coordinator: Dr. Inderpreet Kaur

Speaker: Akshat Saini, Reetesh Kumar, Abhishek Pradhan (CSE 3rd year Student)

Blockchain Seminar

(30th April, 2019)

Objective of Seminar is to understand various use cases of blockchain in real time through live examples and to visualize and practice blockchain through SquadX training tool.

Coordinator: Dr. Inderpreet Kaur

Speaker: Mr. Sunil Sharma (Blockchain Expert)

Sponsorship Authority: SquadX Innovations Pvt. Ltd., Gurgaon

T.I.M.E. Seminar

(30th August, 2019)

T.I.M.E. Greater Noida organized a workshop over Career development. It was a non technical workshop for CSE 3rd Year Students which motivated them for their career paths in future. It made students aware about various opportunities in their field and other fields as well.

Coordinator: Dr. Inderpreet Kaur

Topic: "Best Career Option And Career Planning"

PLACEMENT RECORDS 2019 !!!

Winners
never quit
and
quitters
never win.

SUCCESS

Infosys

Abhishek Kushwaha
Durgesh Kumar Yadav
Harsha Chaudhary
Mohammad Asif
Ram Anuj Verma
Shashank Agrahari
Shivam Punia
Shivam Tyagi
Somesh Uniyal
Utkarsh
Aishwarya Shukla
Akansha
Anam Khan
Arpit Trivedi
Arqaan Ali
Ayushi Mittal

Gauri Mishra
Jahanvi Gupta
Krishna Mohan
Kshitij Bajpai
Kuldeep Singh
Mohd Monis Khan
Nikhil Yadav
Nilesh Patel
Nitant Kumar
Parth Pulastiya
Piyush Tiwari
Prakhar Chandra
Prakhar Gupta
Princi Kumari
Priyanshi Raj
Puneet Sharma

Sanyam Jain
Satyam Chaudhary
Shah Ateeb Ahmad
Shaloni
Shashwat Singh
Shivam Bansal
Shubham Swami
Sonil Rastogi
Sukriti Srivastava
Ujjwal Singh
Utkarsh Gupta
Utsav Jain
Vishal Maurya
Vishal Singh
Vivek Anil Pandey
Wasif Naushad
Yash Purwar

wipro

Akansha
Ankush Kumar Singh
Arpit Trivedi
Darsh Dixit
Kartikey Gupta
Mohd Monis Khan
Nikita Sharma
Nilesh Patel
Parth Pulastiya
Prakhar Chandra
Princi Kumari
Priyanshi Raj
Shivam Bansal
Shivank Gahlot
Ujjwal Singh
Akansha

accenture

Aakash Shukla
Aishwarya Shukla
Annapurna Singh
Anushka Chitransh
Kartik Jataria
Mayank Singh
Mohd Haris Fahim
Nikita Sharma
Shivank Gahlot
Shreya Agarwal
Sumit Jha
Vishal Gupta
Vishal Singh
Vishal Singh

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Kartikey Gupta
Krishna Mohan
Mohd Monis Khan
Naman Gupta
Nikita Sharma
Piyush Tiwari

Prashant Kumar
Princi Kumari
Satyam Chaudhary
Shivank Gahlot
Shubham Swami
Somesh Uniyal
Utkarsh Gupta
Utsav Jain
Vashisht Mattoo
Vishal Singh
Vivek Anil Pandey



TATA
TATA CONSULTANCY SERVICES

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Kshitiz Singh
Mohd Monis Khan
Nikita Sharma
Nitesh Kumar Rai
Prakhar Chandra

Sanyam Jain
Satyam Chaudhary
Shah Ateeb Ahmad
Shaloni
Shashank Agarwal
Shivam Punia
Shivam Tyagi
Shivank Gahlot
Sonil Rastogi
Utkarsh Gupta
Vishal Maurya
Vishal Singh
Vivek Anil Pandey
Prashant Kumar
Somesh Uniyal

airtel

Mohammad Asif Hashmi

NTT DATA

Anand Swaroop
Harshit Tyagi
Himanshu Tuli
Paridhi Baliyan

R-Logix

Nitesh Kumar Rai
Ujjwal Singh

cvent

Aishwarya Shukla

DW
DESIGN & WEB
TECHNOLOGIES
Apoorv Singh

FINSOL

Shivam Punia

IBM

Nikita Sharma

infogain

Rafid Ul Haq

SYMB technologies

Kumar Archi Anand

unthinkable

Abdul Ajj Ansari

mirketa
think - build - transform

Ayush Mohan Verma

THE EXTREME TEAM

C.S.E. DEPARTMENTAL CLUB

About Us-

**"Coming together is a beginning. Keeping together is progress.
Working together is success."**

~ Henry Ford



The Extreme Team is a group of enthusiasts of 2nd and 3rd year students from the C.S.E. Department of Galgotias College of Engineering and Technology, who are working together, with their talent, curiosity to learn, and dedication to achieve the bigger goal of all-round development of personality, skills and knowledge.

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