ENVISION'A
ANNUAL NEWSLETTER

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN NEW DELHI

EDUCATION. ENLIGHTEN. EMPOWER.

About This Issue:

This is the first issue of Computer Science and Engineering Department Newsletter and will be published annually. Computer Science and Engineering Department of IGDTUW has been vigorously working in developing the fundamental & conceptual knowledge along with the total personality development, which helps computer engineers to face the challenges of rapidly changing software industry. Envision'A Newsletter is the first volume of this department. Envision'A signifies to imagine the idea and convert that idea into a real product for the betterment of the society. This newsletter consist various achievements of faculties, events organized by the department.

MESSAGE FROM HEAD OF DEPARTMENT

 It gives me immense pleasure to introduce you to the first newsletter of Computer Science and Engineering Department of Indira Gandhi Delhi Technical University for Women. The Computer Science and Engineering Department was established in 1998 and offers B.Tech. in Computer Science and Engineering, M.Tech CSE (Artificial Intelligence) and Ph.D program at present. The students, faculty members and staff of department are its success and strength to achieve the several milestones over 2 decades.

All the faculty and students have demonstrated outstanding achievements by numerous publications, patents, technology transfers, start-ups, research and consultancy projects, organized International/National Conferences , training programs and workshops covering latest areas of research, innovation and technology to meet the industry requirements. The dept has started new M.Tech CSE (Artificial Intelligence) to meet the current industry requirements and produce the required skilled workforce on CBCS Pattern with NEP2020. The dept also revised the curriculum for B.Tech in CSE completely to promote technologies that foster latest innovations and inventions.

We at CSE department, always focus on practical education, collaborative teaching learning, and incorporate project-based learning in our curriculum to promote quality of teaching and product designs. There have been various initiatives and activities undertaken by the faculty and students and keeps on participating as Keynote Speakers /expert lectures in various professional platforms to name a few. This newsletter highlights the main achievements, activities, publications, awards etc. by the students and the faculty with their continuous efforts and constant progress towards making the world a better place for all. The students of the department have received excellent internships and placement offers with the best MNC's.

The dept is mentored by Honorable VC madam Prof Amita Dev and eminent Professors from IIT Delhi and Industry. I wish you all a very Happy and a successful New Year.

With Best Wishes
Prof. (Dr.) S.R.N Reddy
Professor and Head
Computer Science and Engineering Department
IGDTUW, New Delhi

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

The Computer Science and Engineering Department is the most versatile department of college and caters to the needs of other departments as well. Prof. S R N Reddy is currently functioning as Head, Department of CSE. The department aims at developing the fundamental conceptual knowledge along with the total personality, which helps computer engineers to face the challenges of rapidly changing software industry. Exposure to latest developments and technologies is a mandatory exercise for both faculty and students. Continuous research work and live projects are taken up by the department.

Numerous professional activities are conducted to improve interaction between students, faculty, other academic institutions and industries. In year 2020, CSE Department has organized several Faculty Development Programs, Webinars, Expert Lectures, workshops and training program. Many faculty members have published their papers in several reputed journals as IEEE transaction, SCIE indexed journals etc with very high impact factor as well as in conferences. Every faculty member of the department is involved throughout the year in learning by attending many national/International conferences, FDPs, webinars, workshops and training programs. Few faculty members delivered expert lectures in different events as well as chaired different sessions of the conferences.

FACULTIES

Prof(Dr.) S.R.N Reddy
Professor and Head of the Department
Area of Specialization: Embedded Systems,
Compiler Design, Mobile Computing.

Prof. (Dr.) Ela Kumar
Professor, Dean Student Welfare and
Chief Proctor
Area of Specialization: Artificial Intelligence,
Natural Language Processing, Semantic Web ,
Web Technology

Prof. (Dr.) Devendra K. Tayal
Professor, Dean (Academic Affairs), Chairman
(AQAC), Chairman (Faculty Grievance
Committee)
Area of Specialization: Artificial Intelligence,
Database Management Systems, Fuzzy Logic,
Data Mining, Graph Theory, Sentiment
Analysis, Opinion Mining

Prof (Dr.) Seeja K.R.
Professor
Area of Specialization: Data mining,
Algorithm Design, Intelligent Computing,
Bioinformatics

FACULTIES

Dr. Vivekanand Jha
Assistant Professor
Area of Specialization: Wireless networks, Algorithm Designs, Cloud Computing

Dr. Ravinder M.
Assistant Professor
Area of Specialization: Image Processing, Video Understanding, Video Processing, Image Retrieval, Video Retrieval, Machine Learning

Ms. Najme Zehra
Assistant Professor
Area of Specialization: Embedded Systems, Computer Architecture, Operating System

Ms. Vibha
Assistant Professor
Area of Specialization: DBMS, Multimedia Systems, Object Oriented Programming, Mobile Operating System

FACULTIES

Ms. Monika Choudhary
Assistant Professor
Area of Specialization: Cloud Computing, Distributed Computing, Operating Systems, Algorithms

Mr. Indra. Thannaya
Assistant Professor
Area of Specialization: Software Architecture, Software Re-engineering

Ms. Khyati Ahlawat
Assistant Professor
Area of Specialization: Big Data Analytics, Machine Learning, Data Mining, Software Engineering

Mrs. Arunima Jaiswal
Assistant Professor
Area of Specialization: Web Technologies, Sentiment Analysis, Soft Computing, Machine Learning

STAFF

Mr K. BalaChandar
Senior Technical Assistant

Ms. Aarti Gambhir
Senior Technical Assistant

Mr Ashwani
Attendant (MTS)

Mr. Rajeev Thakur
Office Support Staff

JUNIOR/ SENIOR RESEARCH FELLOW

Ms. Pallavi Pandey   **Ms. Sanskriti Madan**   **Ms. Poonam Kumari**

Ms. Tanu Gupta   **Ms. Divanshi P. Wangoo**   **Ms. Divya Joshi**

Ms. Rajni Sharma   **Ms. Manjula P.**   **Ms. Kavita**

RESEARCH SCHOLARS

S.No.	Name	Designation
1.	Ms. Shivani Jain	Ph.D Part Time
2.	Ms. Jasleen kaur	Ph.D Part Time
3.	Ms.Kanak Meena	Ph.D Part Time
4.	Ms. Sunita Kumari	Ph.D Part Time
5.	Ms.Anupama Kaushik	Ph.D Part Time
6.	Ms. Monika	Ph.D
7.	Ms. Najme Zehra	Ph.D Part Time
8.	Ms. Rishika Anand	Ph.D Full Time
14.	Ms. Smita Suman	Ph.D Full Time
16.	Ms. Manasi Mishra	Ph.D Full Time
17.	Ms. Anu Yadav	Ph.D Full Time
18.	Ms. Alina Banerjee	Ph.D Part Time
19.	Ms. Poonam Rani	Ph.D
20.	Ms. Divya Arora	Ph.D Full Time
21.	Ms. Kavya Gupta	Ph.D Full Time
22.	Ms.Basanti Palnandi	Ph.D Part Time
23.	Ms. Arti Ranjan	Ph.D Part Time
24.	Ms. Kiran Malik	Ph.D Full Time
28.	Ms. Yashima Hooda	Ph.D Full Time
29.	Ms. Neha Shrivastava	Ph.D Part Time
30.	Ms. Shaveta Tatwani	Ph.D Part Time
31.	Ms. Shalani Raghav	Ph.D Part Time
32.	Ms. Sonakshi Vij	Ph.D Part Time
33.	Ms. Vaishali gupta	Ph.D Part Time
34.	Nidhi Aggarwal	Ph.D Full Time
35.	Deepika Suhag	Ph.D Full Time
36.	Meenakshi Saroha	Ph.D Full Time

PROGRAMS
IN
COMPUTER SCIENCE & ENGINEERING

The Department of Computer Science and Engineering was established in 1998. The Department offers B.Tech. in Computer Science and Engineering and M.Tech. CSE (Artificial Intelligence). The Department also started Ph.D. course in 2014. The CSE Department has a talent pool of outstanding Faculty members, who, besides teaching, have been actively involved in various research and professional activities like, member of editorial boards of leading journals, running industry sponsored projects and transferring the technology developed in the lab to the industry. There have been numerous publications by Faculty members in International/National Journals/Conferences covering latest areas of research. Faculty keeps on participating as Keynote Speaker /experts on various professional platforms. Department works on the vision and mission of creating skilled manpower in all emerging areas of computer science especially in the area of Artificial Intelligence. It has started a new course M.Tech. CSE (Artificial Intelligence), designed on CBCS Pattern. The B.Tech. Course is also completely revised as per CBCS scheme and now gives much flexibility to students to study the subjects of their choice.

The Department has completed sponsored research projects from NOKIA and Information Technology Research Academy (ITRA), Ministry of Human Resource and Development (MHRD) in collaboration with IIT-Delhi and IIIT-Delhi and presently having sponsored research projects from Microsoft, Intel and MHRD-DIS. The Department also received several equipment grants from ARM, Atmel, Microsoft, Intel, Texas Instruments etc.

Department has developed a practical teaching and learning environment that provides comprehensive set of tutorials, projects and experiments, catering to the needs of students and society by making use of modern computing platforms and making it available to the students. The Faculty members & Students of the Department are actively engaged in collaborative research projects funded by MNCs. The Department has two main Research Groups namely, AI group and IOT group, to conduct research work and projects in collaboration with Industry and Premier Institutes and to provide practical knowledge to students.

Lab Infrastructure

The Department has well equipped labs for practical and research work in the following domains:
1. Advanced Database and Mobile Database Systems
2. Software and Advanced Software Engineering
3. Advanced Computer Networking
4. Programming Labs on various platforms
5. Embedded System and Design
6. Computer Graphics and Multimedia
7. Network Security and Management
8. Mobile Architecture Programming
9. Artificial Intelligence

3D Printer

Laser cutting machine

Soldering station

SMT Pick & Place machine

SMT Reflow Oven

Stencil printer

**EDA-DIC- Electronic, Design & Automation lab
sponsored by DIC lab (MHRD)**

SPONSORED PROJECTS

S N	Projects	Sponsoring Agency	Amount	Duration	Co Principal Investigator	Name of the Lead Institute	Principal Investigator
1	Web Based Mobile Architecture and Programming (Mek-1)	Nokia University Relation, Finland	13 lakhs	1 year (2012-2013)	Prof. M.Balakrishnan (IIT Delhi) and Dr.Amarjeet Singh (IIITD)	IGDTUW	Dr. SRN Reddy (IGDTUW)
2	Mobile Education Kit-2	Nokia University Relation, Finland	Rs. 22,15,935	3years (2014-2017)	-	IGDTUW	Dr. SRN Reddy (IGDTUW)
3	Human Sense: Towards context aware sensing, inference and actuation	ITRA (MHRD)	240 lakhs (27.49 lakhs for IGDTUW)	3years (2013-2016)	Dr.SRN Reddy Dr. Debopam Acharya (SNU)	IIIT, Delhi	Dr.Amarjeet Singh (IIITD)
4	Development of Embedded Systems Course Curriculum	Intel, India	1.5 lakhs	2years (2013-2015)	Ms Kavita Sachdeva	IGDTUW	Dr. SRN Reddy (IGDTUW)
5	Design& Innovation Lab	MHRD	10 Cr (1.6+lakhs for IGDTUW)	3years (2014-2018)	Dr.SRN Reddy (IGDTUW)	IIT, Delhi	Prof. M.Balakrishnan Prof. P.V.M. Rao (IIT Delhi)
6	Intel RealSense	Intel	4 lakhs	2years	-	IGDTUW	Dr.SRN Reddy
7	Intel IoT	Intel	2 lakhs	2years	-	IGDTUW	Dr.SRN Reddy
8	Mobile Education Kit-3	Microsoft	23.5 lakhs	2years	Ms. Kavita Sachdeva	IGDTUW	Dr.SRN Reddy

EQUIPMENT GRANTS RECEIVED

S.No	Devices/Kits	No of Kits	Price/Kit	Description	Approx Value
1	Inforce SYS940 (Atom), DE2i-10 (Atom)	15 +2	25000/-	INTEL University Program	425000/-
2	Galileo Gen-2 , Edison	30 +4	6000/-		204000/-
3	Real Sense Camera	20	6000/-		120000/-
4	MBED board LPC11U24	20	10,030/-	ARM University Program	2,00,600/-
5	Freedom Boards	10	1000/-		10000/
6	AVR-Xmega-A1 Xplained Pro	15	2000/-	ATMEL University Program	30000/
6	AVR Dragon	15	3200/-		48000/
7	AVR32 EVK-1100	15	1100/-		16500/
8	PANDA Board REV-EA3	01	18206/-	PANDA Board	18206/
9	Raspberry Pi ver B, Raspberry Pi2	10+55	2900/-	Microsoft Mobile University Program	188500/-
10	AT89S52/P89V51RD2	50	400/-	8051 Architecture Microcontroller	------------
11	Asha-305/311, Lumia 800/820, N-9,N-900, Nokia-X	More Than 100	---------	Microsoft University Program	25,00,000/-
12	Tabs	30	---------	Vidya Project	15,00,000/-

LABS

Research Lab

DBMS Lab

Design & Innovation Lab

B.Tech (CSE)
The B.Tech Program is also completely revised as per CBCS scheme and now gives much flexibility to students to study the subjects of their choice.

M.Tech. CSE (Artificial Intelligence)
The Department of Computer Science & Engineering started the M.Tech. in Computer Science & Engineering (Artificial Intelligence) in 2019 with the objective to create more skilled manpower in the area of Artificial Intelligence. This course is designed as per the Choice Based Credit System (CBCS) scheme that gives much flexibility to students to study the subjects of their choice. The course includes core courses in soft Computing, Machine Learning, Neural Networks, Deep Learning etc and elective courses on various trending areas like IoT, Speech processing, Knowledge Engineering etc. The curriculum also includes Generic Open Electives where the students can do various MOOC courses and projects of their interest. The Department has an Artificial Intelligence Lab supported by the CURIE Grant of Centre of Excellence in AI from Department of Science and Technology.

Ph.D. in Computer Science & Engineering
The Department of Computer Science & Engineering started Ph.D. course in 2014 on various emerging research areas of Computer Science. The Department has a talent pool of understanding Faculty members doing research in various areas of specialization. The Department has two main Research Groups namely, AI group and IoT group, to conduct research work and projects in collaboration with Industry and Premier Institutes. The core areas of research are:
1. Artificial Intelligence
2. Natural Language Processing
3. Data Mining
4. Biometrics
5. Health Informatics
6. Embedded Systems
7. Internet of Things
8. Mobile Architecture
9. Wireless Sensor Networks
10. Sentiment Analysis
11. Machine Learning
12. Image Processing

PAST EVENTS

A series of 10 Summer Training Programs on " Build your own smart device" & "Integrated Approach Using IoT, Cloud Computing, Mobile Application Development" Organized by CSE Department, IGDTUW in Collaboration with MHRD DIC-IITD; Microsoft University Relations every year since 2010 till 2019.
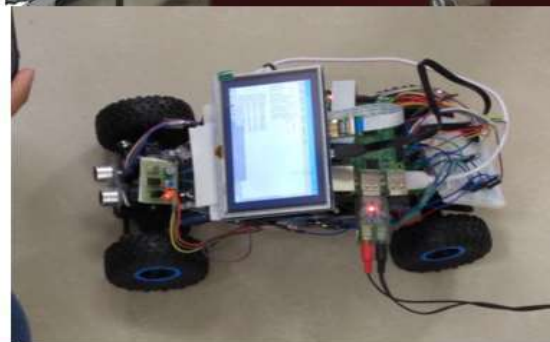
EVENTS (2020)

National Webinar on "IoT and its Practical Applications" on 24th and 25th July, 2020.

Webinar on "IoT and its Practical Applications 2020" organized by CSE Department, IGDTUW Delhi in association with DIC-MHRD along with other collaborators. This National webinar acted as an efficacious platform for learning and interacting with eminent speakers from research organizations, industry and academia. The research scholars from IGDTUW also showcased their work related to IoT and its applications in the area of Health care, Environment, Aquaculture, Smart Home, Assistive Technologies, Industry 4.0 etc.

Demonstration of Various Machines at DIC lab, CSE Department, IGDTUW

FDP/ WORKSHOPS/ TRAINING PROGRAMS/ WEBINARS

Expert Lecture on "The Role of IoT in Advancing Humanitarian Energy Infrastructure" on 27th October, 2020.

Webinar on "TRECVID: The Video Retrieval Evaluation Benchmark" on 21st December, 2020.

Expert Lecture on "Evolutionary Intelligence in Data Analytics" on 25th November, 2020.

FDP/ WORKSHOPS/ TRAINING PROGRAMS/ WEBINARS

Department of Computer Science & Engineering,
Indira Gandhi Delhi Technical University for Women, Delhi -110006
Presents
Guest Lecture on
'Exploring Research Opportunities in Internet of Things'
9th October, 2020 11:00 AM – 12:00 PM (Cisco Webex)

HoD:
Dr. S R N Reddy,
CSE Deptt.,
IGDTUW, Delhi.

Organizer:
Dr. Devendra K Tayal,
Prof. CSE Deptt.,
IGDTUW, Delhi.

Speaker: **Dr. Md. Iftekhar Hussain,** Associate Professor, IT Deptt., N.E.H.U., Meghalaya.
He is an established researcher in the field of IoT. He has completed many projects in IoT and currently undergoing a project funded from the Department of Electronics & Information Technology (DeitY) worth Rs. 82.40 lacs.
https://nehu.ac.in/faculty/display/17/Dr-Md-Iftekhar-Hussain

Meeting Details: Meeting number: 170 317 1644, Password: guest
Link: https://igdtuw1.webex.com/igdtuw1/j.php?MTID=mf39d6b95ab8d29c218698ce002f7a65c

Expert Session on "Exploring Research Opportunities in Internet of Things" on 12th November, 2020.

INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN (IGDTUW)
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Hosts
A Webinar on
Infant Brain MR Images Analysis

Date:12th November, 2020
Time:6.00 PM - 7.00 PM
IST (Indian Standard Time)

Resource Person:
Dr. Li Wang
Assistant Professor
University of North Carolina
Mode of Webinar:
Online (Cisco-Webex or Google Meet)

Registration Link:
https://forms.gle/Px7JpNdbtUGjmdoA9
No Registration Fee.
E-certificate will be provided to the participants.

Patron
Dr. (Mrs.) Amita Dev
Hon'ble Vice Chancellor,
IGDTUW

Advisor
Prof. S.R.N. Reddy
Professor & HOD, CSE,
IGDTUW

Coordinators
Dr. Ravinder.M
Assistant Professor, CSE, IGDTUW
Ms. Vibha
Assistant Professor, CSE, IGDTUW

Webinar on "Infant Brain MR Images Analysis" on 12th November, 2020.

FDP/ WORKSHOPS/ TRAINING PROGRAMS/ WEBINARS

1. One-week Online FDP on "Machine Learning Applications in Image Processing" (23/11/2020 – 27/11/2020) organized by Dr Ravinder M

2. Workshop on Data Science-Research issues and applications (10/01/2020- 11/01/2020) organized by Prof D K Tayal

3. Two-day national webinar "Internet of Things (IoT) & Its Practical Applications" (24/07/2020 – 25/07/ 2020), organized by Prof S R N Reddy in Collaboration with DIC-MHRD

4. Online webinar for CSE students on "Uni Code and NLP" (11/09/2020) organized by Prof Ela Kumar

5. Online guest lecture on "Exploring Research Opportunities in IoT" (09/10/2020) by Prof. Md. Iftekhar Hussain, NEHU, Meghalya organized by Prof D K Tayal

6. Online webinar for CSE students on "Prediction of Malaria Disease through Machine learning technique" (23/10/2020) organized by Prof Ela Kumar

7. Guest Lecture on "The role of IoT in advancing Humanitarian Energy Infrastructure" by Prof. Elena Gaura, Coventry University, UK organized by Prof D K Tayal

8. Online Expert lecture on "Evolutionary intelligence in data analytics" (25/11/2020) by Prof. Amir H. Gandomi, University of Technology, Sydney organized by Prof D K Tayal

9. Online webinar on "Infant Brain MR Images Analysis" by Dr Li Wand, University of North Carolina (12/11/2020) organized by Dr Ravinder M and Ms Vibha Pratap

10. Online webinar on TRECVID: The video retrieval evaluation benchmark by Dr George Awad, Georgetown University, Washington DC. (21/12/2020) organized by Dr Ravinder M and Ms Vibha Pratap

SOCIETIES

Computer Society of India (CSI)
Faculty Advisor: Prof. S.R.N. Reddy
Faculty Co-Advicers: Ms. Vibha, Dr. Vivekanand Jha, Dr. Ravinder
Student Members: Manasi Mishra, Rishika Anand

Computer Society of India (CSI) Student branch was founded in 2008 with 120 members from Department of Computer Science and Engineering. Members of CSI promote confluence between technology and academia. Through regular workshops, competitions and seminars, CSI student branch has been successfully accomplishing its motto LEARN-ENVISION-INSPIRE and continues to strive towards it. Since its formation the society has organized many activities from time to time. These activities include workshops and boot camps on various upcoming technologies, monthly events both formal and informal. These are attended by students of various reputed colleges across Delhi.

Product Design & Innovation Society (PDIS)
Faculty Advisor: Prof. S.R.N. Reddy
Student Founding Members: Manasi Mishra, Rishika Anand

Product Design and Innovation Society (PDIS) Student branch was founded in 2020 in Department of Computer Science and Engineering. Members of PSID bridge gap between academics & Industry. The society is envisioned to provide a perfect ambience & resources for the students to walk in with some thoughts and ideas and walk out with a product. Through regular workshops and project showcase, PDIS student branch will try accomplish its motto DESIGN-DEVELOP-SHOWCASE.

SOCIETIES

Google Developer Student Clubs

Faculty Advisor: Dr. Vivekanand Jha

History:

During October 2018, Dr. Vivekanand Jha, CSE Department, IGDTUW, had been contacted by the Google DSC team to nominate two students for the post of DSC leader, IGDTUW. After the application and the interview process, Ms. Ishneet Kaur Ahuja, CSE-2, second year, had selected by the Google DSC as the founder DSC lead for IGDUW campus on Fri, Feb 22, 2019. DSC, IGDTUW has started its activities from year 2019-20 in the University campus. Dr. Vivekanand Jha is the faculty point of contact or the faculty advisor overlooking the activities of the club as he was the one contacted by the Google DSC team.

About:

Developer Student Clubs are university-based community groups for students interested in Google developer technologies. Students from all undergraduate or graduate programs with an interest in growing as a developer are welcome. By joining a DSC, students grow their knowledge in a peer-to-peer learning environment and build solutions for local businesses and their community. DSC started in India in 2017. Since then, the program grew to Indonesia and Africa in 2018 and in 2019 have grown globally. From Asia to Africa; Europe, parts of the Middle East and North America-DSCs are training thousands of student developers and working with their communities to solve real-life problems. An annual contest that invites students from DSC communities to develop solutions for local community problems using one or more Google products or platforms.

FACULTY ACHIEVEMENTS
PATENTS

1. A Provisional patent has been filled on " System and Method to determine Horticulture Diseases", Application No.- 201811043506.

2. A system for building, customizing software and hardware interfaces of smart phone using Raspberry Pi Application No. 2354/DEL/2015

3. Soil multi parameters, remote monitoring & alerting system-Using Intel Galileo Gen-2 Application No: 156/DEL/2015, CBR No. 1206

4. A provisional patent has been filed on "Aqua-parameters monitoring and controlling" with application number: 201611017103.

5. A Provisional Indian Patent On "Multimodal interaction system & method for visually impaired" Application No.-201611016353.

6. A Provisional Indian Patent On "method for providing interactive learning" Application No.-202011007588.

7. A Provisional Indian Patent On "A system and method for providing context aware communication in internet of things environment" Application No.-202011007587.

8. A Provisional Indian Patent On "Automated system for cooking and method of use" Application No.-202011007586.

9. A Provisional Indian Patent On "A system and method for interactive learning and assessment" Application No.-202011007589.

10. Lab to Product: Technology Transfer of Smart phone Project sponsored by Microsoft and university is getting revenue.

FACULTY ACHIEVEMENTS

PUBLICATIONS

S. No.	Faculty Name	No. of Research Published	
		Journals	Conferences
1.	Prof. S. R. N. Reddy	50	45
2.	Prof. D. K. Tayal	44	57
3.	Prof. Ela Kumar	50	30
4.	Prof. Seeja K. R.	40	30
5.	Dr. Vivekanand Jha	10	15
6.	Ms. Vibha	5	5
7.	Ms. Najme Zehra	4	8
8.	Ms. Monika Choudhary	7	8
9.	Dr. Ravinder M.	14	10
10.	Ms. Khyati Ahlawat	5	8
11.	Dr. Arunima Jaiswal	11	11
	JRF/SRF		
1.	Ms. Pallavi Pandey		
2.	Ms. Sanskriti Madan		
3.	Ms. Poonam Kumari		
4.	Ms. Tanu Gupta		
5.	Ms. Divanshi P. Wangoo		
6.	Ms. Divya Joshi		
7.	Ms. Rajni Sharma		
8.	Ms. Manjula P.		
9.	Ms. Kavita		

FACULTY ACHIEVEMENTS
RESOURCE PERSON/ CHAIRED SESSION

Prof D K Tayal chaired a session in International conference on advanced and emerging applications in big data and machine learning, organised by IPEM, Ghaziabad. (19/09/2020)

Prof Ela Kumar Participated in an international webinar as resource speaker organised by Shodh, IIT BHU on topic Applications of Artificial Intelligence in medical domain (26/08/2020-27/08/2020)

STUDENT ACHIEVEMENTS

SMART INDIA HACKATHON (SIH-2018)

Team Herricane was conferred with the 2ⁿᵈ runner up award at the valedictory ceremony and won cash prize of Rs. 50,000

SMART INDIA HACKATHON (SIH-2019)

The team Bumble Bee worked on project "GrahShobha" organized at Coimbatore. This projects aims to reduce the death rate of women in rural area during pregnancy. Won cash prize of Rs. 75,000

SMART INDIA HACKATHON (SIH-2019)

The team GeekGirls participated in project "KissanBuddy" organized by Mindtreeat SVCE Banglore. It's a mobile application where farmers can search through various options to hire the farming equipments and can make pay the rent online. Won cash prize of Rs. 1,00,000

STUDENT ACHIEVEMENTS

GANDHIYAN YOUNG TECHNOLOGICAL INNOVATION AWARD-2019
Manasi Mishra, PhD Scholar, CSE has received Gandhiyan Young Technological Innovation Award at Vigyan Bhawan in presence of Hon'ble Vice-president of India & Dr. Harsh Vardhan

Team 1:
1. **Shivalika Goel (7th Sem- IT)-Team Leader**
2. Ragini Sharma (7th Sem- IT)
3. Surmayi Sharma (7th Sem- IT)
4. Anushree Mishra (5th Sem- ECE)
5. Aarushi Singh (7th Sem- CSE 1)
6. Nimisha Gupta (7th Sem- CSE 1)

Team 2:
1. Akanksha Chandna (Passed out-CSE 2)- Team Leader
2. Komal Kirti (7th Sem-CSE 2)
3. Lubhani Agarwal(7th Sem-CSE 2)
4. Pallavi Bishnoi(7th Sem-CSE 2)
5. Kuja(7th Sem-CSE 2)
6. Yaashi Madan(7th Sem-CSE 2)

SMART INDIA HACKATHON (SIH-2020) Winners

CSE Department Industrial visit in HUAWEI

STUDENT ACHIEVEMENTS

1. Six students from CSE dept, 7th sem Kuja , Lubhani Agarwal, Yaashi Madan, Komal Kirti , Pallavi Bishnoi , Akanksha Chandna   participated in SIH 2020 and won 1st position.

2. Students from CSE Dept 7th sem Ria and Divya(CSE) and and 1 from IT Dept Shaifali (IT) represented college at International Collegiate Programming Contest (ACM-ICPC 2020) at National Level.

3. Student from CSE Dept 7th sem Kuja(CSE) and 1 from IT Dept Nivedita(IT) participated in IBMWise SHEtf challenge and qualified 2 rounds. Final presentation on hold due to Covid.

4. Student from CSE Dept Virali(CSE) 7th sem and 1 from MCA Ankita(MCA) streamed live as a part of Cisco thinQbator COHORT-3 programme working for kids having learning disabilities such as Dyslexia.

5. Students from CSE department 7th sem Shreya Srivatsan (B.Tech. CSE) Ghazala, Venus, Pratiksha (M.Tech. CSE) 1 from MCA Sapna (MCA) were adjudged the Winning team in the ACM IGDTUW Summer Workshop-cum-Internship on Data Science and Machine Learning.

6. Shubhi Khanna 14001012018 CSE-2, Sem-5 GHCI'20 Scholar (The Grace Hopper Scholarship is awarded to 250 Indian students out of a pool of 3,00,000+ applicants

7. Shubhi Khanna 14001012018 CSE-2, Sem-5 CMILS'20 Scholar (The Count Me In Leadership Scholarship is given to 150 students out of 30,000 applicants globally)

8. Shubhi Khanna 14001012018 CSE-2, Sem-5 CodeOp Scholarship (Every year, a Scholarship of ₹7,20,000 is given to 2 female students globally)

9. Shubhi Khanna 14001012018 CSE-2, Sem-5 Selected as a Panelist with Smt. Smriti Irani out of 800 girls in India

10. Shubhi Khanna 14001012018 CSE-2, Sem-5 Selected to deliver 3 international tech talks in global conferences

11. Bhoomi Kohli Microsoft codess 14001012018 CSE-2, Sem-5 and One of the 23 girls selected country-wide for Microsoft Codess Summer Internship'20

12. Pakhi Bansal 6301012018 CSE 1, Sem 5 Google APAC Women Techmakers Scholarship Recipient. Selected as one of the 74 out of 2600+ applicants. Received a scholarship of 1000 USD

13. Aashi Verma 9601012018 CSE 2, Sem 5 Microsoft Codess and amongst the top five (3 -member) teams at Microsoft Engage Program with over 1100 participants nationwide.

STUDENT ACHIEVEMENTS

14. Apoorva Mittal 7201012018 CSE 1, Sem 5 Google APAC Women Techmakers Scholarship Recipient. Selected as one of the 74 out of 2600+ applicants. Received a scholarship of 1000 USD

15. Sanchi Bisht 14401012018 CSE 2, Sem 5 Google APAC Women Techmakers Scholarship Recipient. Selected as one of the 74 out of 2600+ applicants. Received a scholarship of 1000 USD

16. Nandini Mehta 5901012018 CSE 1, Sem 5 Flipkart mentee, selected among 45,000 girls for this mentorship program via a coding and mcq test

17. Archita Varshney 1301012018 CSE 1 Sem 5 Flipkart GirlsWannaCode mentee, selected among 45,000 girls for this mentorship program via a coding and mcq test

18. Medha Bhattacharya10001012018 CSE 2,Sem 5 Google Summer of Code (May-Aug) 2020 Qualifier and Microsoft Codess

19. Lisa Chandra 1601012018 CSE1, Sem 5 Google Summer of Code '20 @OpenRefine, Google APAC Women Techmakers Scholar '20

20. Ishika Bansal 14801012018 CSE2, Sem 5 Microsoft Codess Mentee, GSSOC Qualifier 2020, Participated in Hack In India(Round 2) , Got 480 rank in Ninja Hire, Flipkart Grid-2.0 (Round1)

21. Aroma Agarwal 8201012018 CSE2, Sem 5 Intuit Augment Mentee

22. Vanshika Singh 11301012018 CSE2,Sem 5 Microsoft Codess Mentee

23. Akanksha 3701012018 CSE-1,Sem 5 Microsoft codess mentee

24. Rhea Hooda 6001012018 CSE 1, Sem 5 Google APAC Women Techmakers Scholar'20, Finalist at Hack@Home held by Atlassian

25. Aditi Verma 12901012018 CSE -2 , Sem 5 Microsoft Codess and amongst the top five (3 -member) teams at Microsoft Engage Program with over 1100 participants nationwide.

26. Urvi Goel 15701012018 CSE-2, Sem 5 One of the 23 girls selected country-wide for Microsoft Codess Summer Internship'20

27. Soumya Sharma 4601012018 CSE1, Sem 5 Secured 2nd positions in 2-member teams category among 600+ participants in The Mars Colonization Program conducted by Microsoft in association with Ace Hacker.

28. Anusha Bansal 9701012018 CSE2, Sem 5 Secured 2nd positions in 2-member teams category among 600+ participants in The Mars Colonization Program conducted by Microsoft in association with Ace Hacker.

29. Kannu priya 8301012018 CSE2, Sem5 Mentee at GSSOC, Campus partner at PlacementSaga,

STUDENT ACHIEVEMENTS

30. Sakshi Singh 14701012018 CSE 2, Sem 5 Microsoft Codess Mentee
31. Shruthi Rao 13401012019 CSE 2, Sem 3 Google Women Techmakers Engineering Fellows (Cohort-2, 2020), a 2 year program by Google and TalentSprint. Selected as one of 126, out of over 15000 applicants. Awarded a scholarship of Rs. 2 lakh
32. Apurva Sharma 12701012018 CSE 2, Sem 5 Microsoft Codess and selected in top 4 teams in internal smart india hackathon 2020
33. Shivani 6901012018 cse-1, sem -5 Microsoft Codess Mentee
34. Tanjul Jain 14201012018 CSE-2, Sem-5 Flipkart Girls Wanna Code mentee. Selected among top 189 girl coders oauntd o af m45o,n0g0 0to pa 2r5tic iinp athnets University.
35. Srishti Negi 16501012019 CSE-2, Sem 3 Google Women Techmakers Engineering Fellows (Cohort-2, 2020), a 2 year program by Google and TalentSprint. Selected as one of 126, out of over 15000 applicants. Awarded a scholarship of Rs. 2 lakh
36. Soumya Rao 10301012018 CSE-2, Sem-5 Selected among 200 girls from the country as Microsoft Codess. Selected for Udacity Scholarship Program. Also a former Learn IT! Girl
37. Mrs. Sunita kumari, PhD scholar, CSE, has received best paper award in AIST-2020 conference.

STUDENT ACTIVITIES

Slogan Writing Competition on 28th September, 2020

Event organized by CSE and IT Department on the Auspicious Occasion of Birth Anniversary of Rashtrapita Mahatma Gandhi and promote GANDHIAN THOUGHTS AND VALUES

गांधी के आदर्शों पर चलना,
वर्तमान समय करे यह मांग।
गांधी के विचारों में ढलना,
इसी से है भारत देश की पहचान
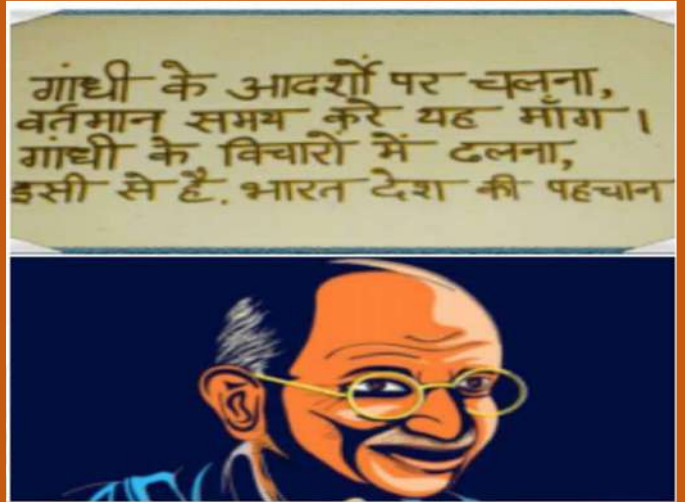
Constitutional Awareness by Arhantika Khera

Rulers are only as good as their rules

Parties, as their politicians

Who ensures citizens aren't taken for fools?

Because countries are only as good as their constitutions

103 times, it was amended

Adapting as we grow

Justice, equality, fraternity

Prem Raizada wrote, 70 years ago

Our safeguard, guarded safely at Parliament House

In a helium filled case, does it know,

That we don't criminalize rape from a spouse

That Article 33 denies rights, to the soldiers between us and our foe?

Everyday we strive to improve

Our country sings a beautiful song,

Everyday we try to find our groove
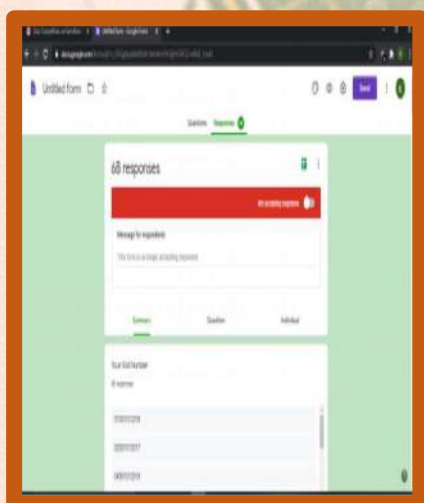
Arhantika Khera

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B. Tech MAE

Poem Writing Competition on 28th September, 2020
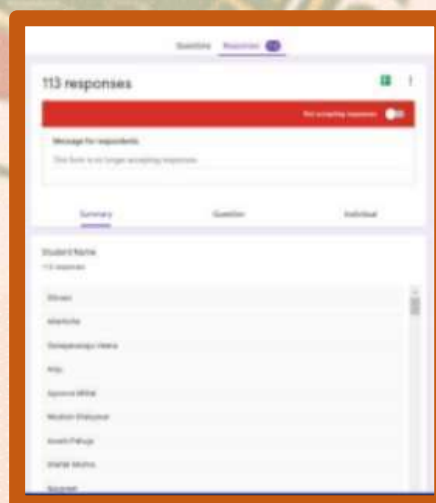
STUDENT ACTIVITIES

Poster Making Competition on Women Safety and Security on 29th September, 2020

QUIZ ACTIVITY TO PROMOTE GANDHIAN THOUGHTS AND VALUES

QUIZ ACTIVITY TO PROMOTE FUNDAMENTAL DUTIES

PLACEMENTS

The placements of the students are excellent with top recruiters visiting the campus like Microsoft, Google, Amazon, Adobe, Goldman Sachs, Cisco, VISA, Intuit, Zomato, etc.

S.No.	Name of the Company	No. of Students Placed	As Interns	Package(RS) PA
1	Microsoft	14		45,03,400
2	Goldman Sachs	9		23,00,000
3	Intuit	5		25,17,000
4	Salesforce	3		32,70,000
5	Walmart	11		20,67,400
6	Citrix	1		22,94.088
7	Sandisk	2		19,15,000
8	American Express	8		13,27,784
9	LinkedIn	3		23,11,636
10	Flipkart	5		26,57,695
11	SAP	4		20,50,000
12	Expedia	6		12,80,000
13	Barclays	2		8,50,000
14	DXC	2		3,60,000
15	Publicis Sapient	1		9,00,000
16	Ericsson Global	2		6,50,000
17	Oracle	4		11,00,000
18	Atlassian	5		51,75,000
19	Societe Generate	7		13,12,000
20	Capgemini	2		3,80,000
21	Cisco	4		14,37,000
22	Deutsche Bank	3		19,63,000
23	Western Digital	4		35,000pm
24	HP	2		8,80,000
25	Standard Chartered	2		6,10,000
26	Accenture	3		4,50,000
27	Wells fargo	3		20,00,000
28	Optum	6		7,15,000
29	Adidas	1		10,00,000

PLACEMENTS

30	Myntra	1		24,00,000
31	ACMS		1	60,000pm
32	Adobe	3		43,50,000
33	AppDynamics	2		39,20,349
34	Bank of New York	1		12,14,000
35	College Dunia	3		9,00,000
36	GE Digital		1	30,000pm
37	Google	1		59,00,000
38	HPE		1	30,000pm
39	Info Edge	1		1,250,000
40	Morgan Stanley	4		87,000pm
41	To The New		1	15,100pm
42	Visa	1		15,39,200
43	Wabtec		1	30,000pm
44	Zomato	1		19,00,000
45	ZS Associates	1		1,343,000
46	Amazon	2		
47	Athena Health	1		30,000pm
48	Philips	2		
49	Grant Thornton	1		20,000pm

Despite gloom, 341 engg students get full-time placements

GAYATHRI MANI @ New Delhi

A student of Indira Gandhi Delhi Technical University of Woman (IGDTUW) has landed a job offer of ₹59.45 lakh by Google-India. Jap Leen Kaur Jolly bagged the highest annual CTC package.

There are around 475 final year students registered in science and technological courses, of which 341 have got full-time offers from Indian and global biggies in the placement season.

Five students from the university have chosen Google Software Internship. While Atlassian came for the first time and hired nine students with the highest annual package of ₹51.5 lakh — the highest from any university in India this season, said university officials.

Microsoft Indian Development Centre (IDC) has offered 20 fulltime and 40 summer internships-2021.

"The placement season started on a high note with more than 55% of the current Full time Equivalent (FTE) offers being above ₹14 lakh and a commendable increase in the number of pre-placement offers," said, Dr Jasdeep Dhalova, Dean Academic Affairs and training placement officer of IGDTUW.

"We are happy that companies are coming forward to hire our students with good package offers despite the Covid-19 pandemic. This shows the promise and reputation that the students have built for the University. This year many companies like Atlassian, Bank of New York, Morgan Stanley and various others have partnered with us," said Dhalova.

Besides, the final year students, about 203 internship offers, including summer internship as well as six-month internship, have been bagged by the third year students.

"Our girls have shown exemplary performance in the campus drives which were conducted during the pandemic season. IGDTUW students, faculty and staff expect that this trend continues throughout the placement season and companies continue to reiterate the ever-increasing confidence the industry places in IGDTUW," said Dr Amrita Dev, Vice Chancellor, IGDTUW.

Looking at the present market scenario and market requirement, the university has also launched a new undergraduate (UG) course this year -- Computer Science-Artificial Intelligence (CSE-AI). "The university is expecting a rise in placement numbers due to the increase in intake in the coming months," said Dev.

Multi-talented student gets heftiest package

Jap Leen Kaur Jolly, who is the director at Woman Who Code Delhi, got the highest package. Boasting many feathers in her cap, the BTech student also part of the winning team for Smart India Hackathon 2019.

Jap Leen Kaur, CSE IGDTUW got package of Rs. 59.45 lakh/annum by Google-India in 2020

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