



# INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN

(ESTABLISHED BY GOVT. OF DELHI VIDE ACT 09 OF 2012)



## Department Of Artificial Intelligence and Data Sciences



NEWSLETTER  
2022-23



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# About IGDTUW

Indira Gandhi Delhi Technical University for Women (IGDTUW), Delhi. IGDTUW was established by Delhi Government in May 2013 vide Delhi State Legislature Act 9, 2012 in order to play a major role in the capacity building and imparting high quality technical education to the Women of our country. Presently University is running B.Tech (CSE – Artificial Intelligence, CSE, IT, ECE, MAE), MTech. (Information Security Management, Artificial Intelligence, VLSI Design, Robotics & Automation), MCA, BBA, MBA, BArch and MPlan and PhD programs at its heritage campus at Kashmere Gate, Delhi. Currently approx. 3000 girls students are pursuing various courses at IGDTUW

University has an excellent placement record so far. Major giants including Microsoft, Google, IBM, CISCO, Amazon, Flipkart, Goldman Sachs, American Express, PWC and several others visit the campus for recruitment and internship opportunities on a regular basis. Last year, the highest CTC reached 59.25 Lacs per annum. Microsoft IDC also recruits a good number of students for placement and internship from IGDTUW every year.



Industry linkage is another USP for IGDTUW. We have signed several MoUs with industries like IBM, Amazon, Eaton, Fluor Daniel and others for technical upgradation and for bridging the industry academia gap. Cisco through Nasscom Foundation has established a design thinking thingQbator lab at IGDTUW which is equipped with the latest infrastructure including 3D printer and others. Also, in the last one year, University has received more than 16 Cr. of grants from various Government agencies to strengthen the infrastructure and research and development activities especially in Artificial Intelligence, Robotics and Mechatronics domains. Artificial Intelligence and Cyber Security are the two domains where University is doing exceedingly well along with others. Students and faculty members are engaged in high end research and development activities in these domains.

# MESSAGE FROM VICE CHANCELLOR

Students play the role of backbone of every nation. They determine the future of every society. I personally am a staunch believer that it is only the education which determines the progress of an individual and a nation. It becomes even more important in case of women education. We at IGDTUW are committed to impart world class education in the fields of Engineering, Management, Science and Architecture domains to the young girls of the Country. University is driven by the belief that every student deserves high quality education to convert their dreams into reality.

## Dr.(Mrs) Amita Dev

“You Educate a Man; You  
Educate a Man.  
You Educate a Woman; You  
Educate a Generation.”



Over a period of time, the University has expanded in academic excellence. Today, the University has highly qualified faculty to cater to the demands of the modern world with specific education and skills. Excellent recognition at various national and international plat forms in last couple of years made the University the most sought after choice of the students for getting admissions in various programs.

Launching a new UG program B.Tech (CSE-AI) has further broadened its horizons and students now can dive into more into technology and Artificial Intelligence. We are committed to provide them a plat form to exhibit their skills and achieve their goals No doubt home economists have stamped their credentials all over. But none of these accomplishments and laurels would have turned into realistic goals, had it not been for the constant encouragement of the highly skilled teaching and non teaching staff of this campus. These endeavours of the teachers enable students to face the hurdles and challenges in practical and professional life.

hope they continue to progress. I wish them success in future.

Dr. (Mrs.) Amita Dev

Vice Chancellor

Indira Gandhi Delhi Technical University For Women

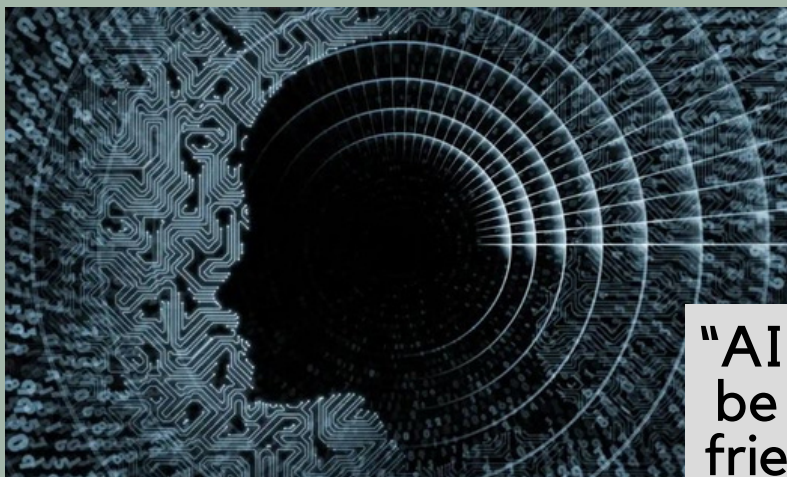
# ABOUT DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCES



Artificial Intelligence (AI) is transforming business, industry, government, social interaction and research. The growth of AI and data sciences as a discipline has been rapid in the last decade. Newly established in 2020, the Department of Artificial Intelligence and Data Science (AI&DS) aims to focus on a four-tiered strategy of Education, Research, Development and Innovation (ERDI Strategy) in the field of AI, Machine Learning, Deep Learning and Data Sciences.

To leverage the department with latest tools and Technologies with high computation, University has established a Centre of Excellence – Artificial Intelligence with a grant of Rs. 8 Cr. From Department of Science and Technology, Gol. A state of the art infrastructure is being created in the Department for facilitating academics, research and development activities in the domains of AI and DS.

Currently department is running a 4 years UG program B.Tech – CSE(AI) and a 2 years PG program M.Tech – AI&DS which are specially designed to enable students to build intelligent machines, software, or applications with a cutting-edge combination of machine learning, analytics and visualization technologies. This course aims at providing not only the core computing subjects such as Data Structure, DBMS, Networking, Algorithms etc but also gives intensive inputs in areas of artificial intelligence, machine learning, deep learning and big data analytics along with strong application domains such as NLP, Computer Vision, Robotics and others.



**"AI can be our friend."**

— Bill Gates



# Vision

To achieve excellent standards of quality education through latest tools and technologies with a focus on enhancing problem solving skills, research, development and innovation culture in the domain of AI and data sciences.

# Mission

To provide technology based education to the students to enhance their niche expertise in the field of Artificial Intelligence and Data Sciences. To educate the students with latest technologies for the development of expert systems in the domains of NLP computer vision, robotics and others so as to develop low cost innovative quality solutions for the betterment of the society.

To guide students in research and innovation on AI and Data science, with aim of having an ethical impact on society by tackling societal challenges.

# Objectives

To develop research and development and innovation skills in the field of data science and artificial intelligence at the national and global levels..

To keep pace with modern technology in the field of artificial intelligence data science, by providing high-quality programs to prepare students to meet the needs of the industry.

To improve ability of students to work effectively within a team and apply appropriate practices within a professional, legal and ethical framework, and the need to contribute positively to society.

# MESSAGE FROM HEAD OF DEPARTMENT

A hearty welcome to the youngest but most vibrant Department of Artificial Intelligence and Data Sciences at IGDTUW, Delhi. The department runs a 4 year UG program B.Tech (CSE-AI). Artificial Intelligence (AI) is a wide ranging branch of Computer Science concerned with building smart machines capable of performing tasks that typically require human intelligence. AI is an interdisciplinary science with multiple approaches, but advancement in machine learning and deep learning are creating a paradigm shift in virtually every sector of tech industry. The department will strive to impart knowledge and training of the highest standard.

The objective of the department is to prepare students for a successful career in Industry, Research and Academics to meet the needs of growing technology.

Along with academic technical knowledge, a very strong attention will be given to face the challenges in life by providing many value added courses to make every student a true human being. The process of learning is extremely important in life. What you learn, how you learn and where you learn, play a crucial role in developing ones intellectual capability, besides career. I am confident that the students of CSE AI will emerge as an asset not only to this University and to the organization they belong, but also to the country at large. I congratulate the founder batch of BTech CSE(AI) for their brilliant and original efforts for getting admission to this excellent program and wish the best for their journey of next four years ahead at IGDTUW.



Prof. Poonam Bansal

- |                           |  |
|---------------------------|--|
| <b>Designation:</b>       | Professor and Head of Department - Artificial Intelligence & Data Sciences   |
| <b>Qualifications:</b>    | Ph.D (Speech Technology - GGSIPU)<br>M.Tech (Computer Science and Engineering - DTU)<br>B.Tech (Electrical Engineering - DTU)  |
| <b>Experience:</b>        | 28 years - served the IT industry as a system executive for over eight years and since 2002 she is in teaching and research profession - guided more than 30 B.Tech., M.Tech. projects and is guiding many research scholars of Ph.D. registered with reputed universities |
| <b>Area of Expertise:</b> | Speech Technology, NLP, Pattern recognition and Soft Computing   |
| <b>Publications:</b>      | Published more than 65 papers in reputed peer reviewed National/International journals and conferences   |
| <b>Awards:</b>            | Awarded with CMI Level 5 Certification in "Management and Leadership", by AICTE  |

# Faculty Directory



<b>Name</b>	Prof. Poonam Bansal
<b>Designation</b>	Professor and Head of Department
<b>Qualification</b>	Ph.D, M.Tech (Computer Science & Engineering), B.Tech (Electrical Engineering)



<b>Name</b>	Dr. Shailesh D. Kamble
<b>Designation</b>	Associate Professor
<b>Qualification</b>	Ph.D (Computer Science & Technology), M.Tech (Computer Science & Engineering), B.E.( Computer Technology)



<b>Name</b>	Ms. Kiran Malik
<b>Designation</b>	Assistant Professor
<b>Qualification</b>	Ph.D (Pursuing, IGDTUW), B.Tech (Delhi University), M.Tech (Madhav University)

<b>Name</b>	Ms.Ritika Kumari
<b>Designation</b>	Assistant Professor
<b>Qualification</b>	Ph.D (Pursuing, GGSIPU), M.Tech (Computer Science and Engineering) , B.Tech (Computer Science and Engineering)



<b>Name</b>	Dr. Himanshu Mittal
<b>Designation</b>	Assistant Professor
<b>Qualification</b>	Ph.D



# Laboratories

Computer Centre

Data Science and Computer  
Vision Lab

Software Engineering &  
Programming Lab

Data Structure & DBMS Lab

Artificial Intelligence and  
Machine Learning Lab

Computer Networks Lab

Cyber Security & Cloud  
Computing

# Events and Workshops

## Patent Writing Workshop (14th September 2022)

Kickstarting our very first Ideathon, Erudite, The Arc - Data science club of IGDTUW in collaboration with Inerve'22 -the technical fest of IGDTUW, held a workshop on Indigenization, Innovation and Patent Writing on 14th Sept 2022. Conducted and led by Mr. Ajay Rawat, Project Director of Indigenization, Innovation and Startups and Ms. Sunandini Arun, Project Officer of SASTRA, both from Rashtriya Raksha University, Ministry of Home Affairs, GOI. The workshop was definitely a fun-cum-learning experience and the attendees had a lot to collect from the experience gained

Patent Writing



Erudite



Erudite (Online: 16th to 24th September 2022, Offline: 30th September 2022)

The Arc IGDTUW had organized an Ideathon, Erudite, on 1 October, 2022 in collaboration with Inerve, the annual technical fest of IGDTUW. It was our first major event, with 402 registered teams.

Shortlisting for the offline idea presentation was done after two online rounds, judged by our panel of talented innovation enthusiasts.

Indira Gandhi D...  
In Collaboration with Inerve

**ERUDITE**  
Ideathon

Presents

WORKSHOP ON INDIGENISATION, INNOVATION AND PATENT WRITING

MR. AJAY SINGH RAJAWAT  
Project Director,  
Directorate of Indigenization,  
Innovation and Startups  
Ministry of Home Affairs,  
Government of India

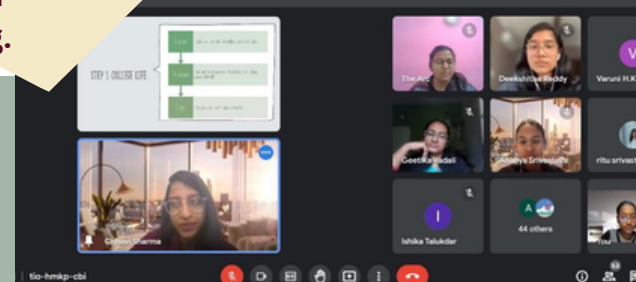
16th SEPTEMBER  
2 PM - 4 PM  
IGDTUW AUDITORIUM

## Journey of a Product Manager at Microsoft by Chhavi Sharma (19th November 2022)

### Journey of Product Manager

The Journey of a Product Manager at Microsoft was the first installment of the monthly Tech-talk series started by The Arc, the data science club of IGDTUW in order to provide the students of IGDTUW with exposure to careers from different walks of tech.

It was hosted by Microsoft Product manager Chhavi Sharma on the 19th of November on an online meet. Students from all branches and years of IGDTUW joined in for the talk and got to ask interesting questions about Product Management, life at Microsoft and Chhavi's experience pursuing a Masters in Machine Learning.



### AR/VR Workshop



## Hands on Workshop for AR/VR by Chhavi Garg (21st November 2022)

The Hands-on workshop for AR/VR was held in the Seminar hall on the 21st of November by The Arc, the data science club of IGDTUW and was hosted by IGDTUW alumni Chhavi Garg. Chhavi has extensive experience working in the fields of AR/VR and held an extremely interactive session for the attendees around building instagram filters as a starter exercise for them to get a taste of the application of AR/VR in our day-to-day life.

## The Arc's Club Orientation (Offline: 22nd Nov 2022, Online: 26th Nov 2022)

The Club Orientation for The Arc, the Data Science club of IGDTUW was held in the Seminar Hall on the 22nd of November in physical mode and on the 26th of November in online mode. The Club orientation was a huge success with students from all years and branches joining in. The orientation was hosted by all Club leads and the club presidents.

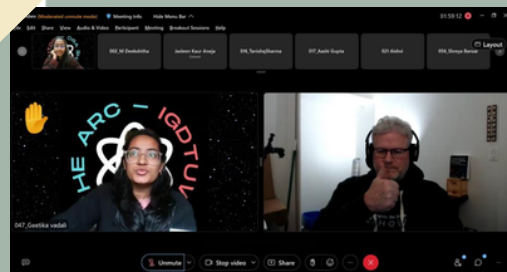
### Arc Club Orientation



## Getting Started With Data Science by Tom Ives (11th December 2022)

In another monthly installment of the Tech-talk series hosted by The Arc, the Data Science club of IGDTUW “Getting started with Data Science” was held on the 11th of December in online mode and was hosted by Data Science expert Tom Ives. The talk was attended by students from within the club and from the university, with Tom getting started with basic Data Science tasks using Python and then showing students complex data analysis tasks towards the end of the talk.

Data Science  
by Tom Ives



AIST  
Conference

## AIST Conference(9th-10th December 2022)

In 2022 the 4th International Conference on Artificial Intelligence and Speech Technology, AIST 2022 was conducted on 9th - 10th December, 2022. The event was financially sponsored by American Express and Department of Science and Technology, GoI. The technical Sponsors of the AIST 2022 event were IBM , IEEE and UniMAP, Malaysia. The two day event witnessed a total presentation of 98 papers from the domain of Artificial Intelligence and Speech technology, NLP, Image Processing.



# Clubs and Societies

## AI CLUB

The AI Club of IGDTUW sails with a vision to inculcate a profound cognizance of the ground-breaking technologies of Artificial Intelligence and Machine Learning. It aims to create diverse opportunities for aspiring innovators to gain experience and in the practical applications of such trailblazing technologies and to design ingenious and sustainable innovations, contributing towards the revolutionization of mankind.



## MSC

Enthusiastic students of IGDTUW wanted to do something to inspire, motivate and create a unique community in the university for students aiming to have successful professional careers. With the same motive, they established a Microsoft Student Club at the University for Women with the aim of helping students learn relevant professional skills, technologies, and topics.

The club equips the students with the tools that enable them to perform the best in the corporate environment right from their starting of programming to interviews to the internship and project presentation not only as an engineer but in a lot of other domains that remain largely unexplored

# E-cell

E-Cell organises a variety of events throughout the year to promote entrepreneurial activities in and around the campus. It's annual E-Summit witnesses huge participation from all over India. Events like TEDx and StartUp Master Class take the learning to a whole new level. E-Cell also conducts various lectures and workshops focussed at budding entrepreneurs.

E-Cell, IGDTUW aims to induce an entrepreneurial mindset into the students and air an innovative streak in them. It waters the 'Ideas' in the bud and help them bloom into impactful endeavours through networking student enterprises from campus to incubators, seeding funds and angel investors to transform the newly proposed ideas into successful start-ups

# The Arc

'The Arc' in itself is a name that symbolizes the shift that is happening in human lifestyle and environment - One from human assisted technology to technology assisted humans. The driving force behind this is the immense amount of data collection and analysis that is being carried out. Data is the enabler for all the groundbreaking technologies that we're experiencing today. Hence, it is high time that the students of an esteemed university like IGDTUW, equip themselves with the very tools that are going to shape our collective future. 'The Arc' aims to be the guiding force for students to venture into the field of data science to help them broaden their technical knowledge.



# STUDENT ACHIEVEMENTS

## 1st Year

### TANISHA BANSAL:

- ~ IIITD GDSC Devfolio Hackathon Winner
- ~ IAMRemarkable Gold Facilitator
- ~ Founding member and Chief Executive at WomenTech Network
- ~ IIITD Winterlude, MLH hackathon Winner
- ~ Recognized as NASA Citizen Scientist



### KHUSHBOO VERMA:

- ~ Microsoft Azure Cloud Skills Challenge
- ~ Rapid Hacks Hackathon
- ~ MLSA Ignite Afterparty
- ~ Devtown bootcamp



### DISHA BAJAJ:

- ~ Volunteered in Postman API Fundamentals Student Expert
- ~ G20 QUIZ competition at AUD Winner
- ~ Participated in Learning Empathy by CSD IGDTUW

### MAHI GUPTA:

National Taekwondo Championship Winner

# STUDENT ACHIEVEMENTS

## 2nd Year

### **MEGHA ARORA:**

Actively participated in GDSC  
Autumn of Code

### **PURVI CHOURASIA:**

Awarded Google Women  
Engineers scholarship 2022

### **GEETIKA VADALI:**

~ Organised Erudite, Atheneum,  
Tech talks  
~ Top 5 in Wipro Climate  
Challenge 2022

### **NIKITA SHRIVASTAVA:**

Awarded Linux Foundation  
Training Scholarship(LIFT)

### **VANSHIKA JAIN:**

Awarded Google Women  
Engineers scholarship 2022

### **NAVYA AGARWAL:**

Awarded the Avery Dennison  
InvEnt Scholarship of USD  
1300 for the year 2021-22.

### **RADHIKA BANSAL:**

~(Winner), StoaScape  
~Ideathon (Top 5)

### **KARISHMA JAIN:**

~ Top 10 Atheneum (Smart  
devices Track)  
~ StoaScape Top 5

### **ANUSHKA GARG:**

~ She Codes Scholarship  
~ StoaScape Ideathon (Top 5)  
~ Innerve Hacks  
~ Organised Erudite and tech  
talks

### **AASHI GUPTA:**

~ Awarded SheCodes  
Scholarship  
~ Selected in Top 10 in  
Atheneum

### **PARUL:**

Awarded Google Women  
Engineers scholarship 2022

### **ANANYA SRIVASTAVA:**

Awarded Google Women  
Engineers scholarship 2022



# STUDENT ACHIEVEMENTS

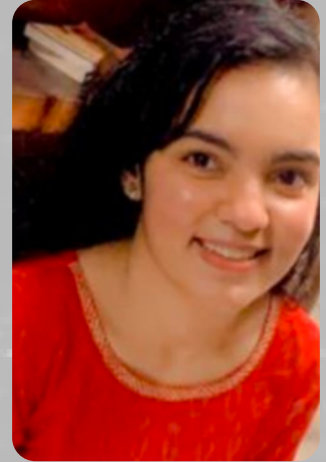
## M. Tech



**KIRTI GARG**  
CGPA: 9.27



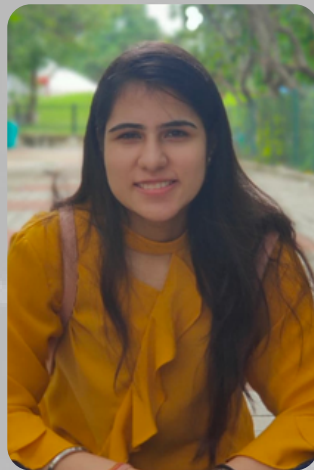
**KAKUL GUPTA**  
CGPA: 8.36



**PRAGYA ARORA**  
CGPA: 8.55



**SHREYA SHARMA**  
CGPA: 8.0



**SMRITI SHARMA**  
CGPA: 9.18



**NIRANJANA SOWPARI**  
CGPA: 8.82

### **RAMAN SHARMA:**

~ Winner of the All India Essay Writing Competition in Hindi language  
~ 3rd position with a cash prize of Rs 10,000/- by the chief guest in the Sir Syed Day commemorative meeting on October 17 at Aligarh.

~ 2nd position with a cash prize of Rs 7,000/- by the Vice President and Union Minister of India at IIPA, Delhi on 31st October 2022.



# FACULTY RESEARCH PUBLICATIONS

Bansal, Poonam & Kherwa, Pooja. (2022). Three level weight for latent semantic analysis: an efficient approach to find enhanced semantic themes. International Journal of Knowledge and Learning. 1. 1. 10.1504/IJKL.2022.10047822.

Shailesh Kamble, Dilip Kumar J. Saini, Vinay Kumar, Arun Kumar Gautam, Shikha Verma, Ashish Tiwari & Dinesh Goyal (2022) Detection and tracking of moving cloud services from video using saliency map model, Journal of Discrete Mathematical Sciences and Cryptography, 25:4, 1083-1092, DOI: 10.1080/09720529.2022.2072436

Pandey, A.C., Kulhari, A., Mittal, H. et al. Improved exponential cuckoo search method for sentiment analysis. Multimed Tools Appl (2022). <https://doi.org/10.1007/s11042-022-14229-5>

Poonam Bansal et al. 2022. Hybridization Based Machine Translations for Low-Resource Language with Language Divergence. ACM Trans. Asian Low-Resour. Lang. Inf. Process. Just Accepted (November 2022). <https://doi.org/10.1145/3571742>

P. Bansal et al., "ASR for Speech based Search in Hindi using Attention based Model," 2022 10th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions) (ICRITO), Noida, India, 2022, pp. 1-5, doi: 10.1109/ICRITO56286.2022.9965186

P. Bansal et al., "Patterns of Vowel Production in the Speakers of Sanskrit Language," 2022 25th Conference of the Oriental COCOSDA International Committee for the Co-ordination and Standardisation of Speech Databases and Assessment Techniques (O-COCOSDA), Hanoi, Vietnam, 2022, pp. 1-7, doi: 10.1109/O-COCOSDA202257103.2022.9997868.

P. Bansal et al., "Map-Reduce Based Parallel Firefly Algorithm For Fast Recommendations," 2022 4th International Conference on Artificial Intelligence and Speech Technology (AIST), Delhi, India, 2022, pp. 1-4, doi: 10.1109/AIST55798.2022.10064743.

# FACULTY RESEARCH PUBLICATIONS

P. Bansal et al., "End-to-End recognition approach for Cognitive Impaired speech using Sequential Conv-Nets," 2022 4th International Conference on Artificial Intelligence and Speech Technology (AIST), Delhi, India, 2022, pp. 1-6, doi: 10.1109/AIST55798.2022.10064867.

P. Bansal et al., "Classification of Flower Dataset using Machine Learning Models," 2022 4th International Conference on Artificial Intelligence and Speech Technology (AIST), Delhi, India, 2022, pp. 1-6, doi: 10.1109/AIST55798.2022.10065178.

P. Bansal, K. Malik et al., "Classification of Chest Radiography Scans for COVID-19," 2022 4th International Conference on Artificial Intelligence and Speech Technology (AIST), Delhi, India, 2022, pp. 1-6, doi: 10.1109/AIST55798.2022.10064887.

P. Bansal et al., "Sphinx-Based Evaluation of Efficient Acoustic Modeling Parameters for LibriSpeech Corpus," 2022 4th International Conference on Artificial Intelligence and Speech Technology (AIST), Delhi, India, 2022, pp. 1-5, doi: 10.1109/AIST55798.2022.10064750.

P. Bansal et al., "A Bilingual Machine Transliteration System for Sanskrit-English Using Rule-Based Approach," 2022 4th International Conference on Artificial Intelligence and Speech Technology (AIST), Delhi, India, 2022, pp. 1-5, doi: 10.1109/AIST55798.2022.10064993.

N. Sethi, A. Dev and P. Bansal, "Multimodal Machine Translation for Sanskrit-Hindi: An Empirical Analysis," 2022 4th International Conference on Artificial Intelligence and Speech Technology (AIST), Delhi, India, 2022, pp. 1-4, doi: 10.1109/AIST55798.2022.10064790.

P. Bansal et al., "Detection of Lung Tumor Using Enhanced Image Classification," 2022 4th International Conference on Artificial Intelligence and Speech Technology (AIST), Delhi, India, 2022, pp. 1-6, doi: 10.1109/AIST55798.2022.10064975.

# CONFERENCE PUBLICATIONS OF OUR STUDENTS

Sharma, P., Sharma, S., Gambhir, P. (2022). Prashn: University Voice Assistant. In: Dev, A., Agrawal, S.S., Sharma, A. (eds) Artificial Intelligence and Speech Technology. AIST 2021. Communications in Computer and Information Science, vol 1546. Springer, Cham.  
[https://doi.org/10.1007/978-3-030-95711-7\\_14](https://doi.org/10.1007/978-3-030-95711-7_14)

Basak, C., Beg, A., Kumari, P., Rani, R., Sharma, A., & Dev, A. (2022, November). Sentiment Analysis Using Machine Learning and Recurrent Neural Networks. In 2022 3rd International Conference on Issues and Challenges in Intelligent Computing Techniques (ICICT) (pp. 1-6). IEEE.

Maharana, M., Rani, R., Dev, A., & Sharma, A. Automated Early Prediction of Employee Attrition in Industry Using Machine Learning Algorithms. In 2022 10th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions)(ICRITO)

Gupta, S., Sharma, R., Sharma, N., & Mangla, M. (2022, November). Aspect Analysis of Dementia Patients. In 2022 3rd International Conference on Issues and Challenges in Intelligent Computing Techniques (ICICT) (pp. 1-5). IEEE.

N. Agarwal, A. Srivastava, P. Bansal and K. Malik, "Classification of Chest Radiography Scans for COVID-19," 2022 4th International Conference on Artificial Intelligence and Speech Technology (AIST), Delhi, India, 2022, pp. 1-6, doi: 10.1109/AIST55798.2022.10064887.

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Gupta, S., Sharma, R., Sharma, N., & Mangla, M. (2022, November). Aspect Analysis of Dementia Patients. In 2022 3rd International Conference on Issues and Challenges in Intelligent Computing Techniques (ICICT) (pp. 1-5). IEEE.

Ayushi Pasrija "Online Transaction Fraud Detection using Machine Learning", "Intrusion Detection using Machine Learning"; ADSSS - 2022

Sohali Baisla, Mehak Aggarwal: "Hindi Fake News Fact Checker Using Machine Learning and Deep Learning"; ICCIS 2022

Kashika Akhouri, Samya Jain, Tanya Chhikara: "Auto-Encoders for Crowd Density Estimation"; SOLI 2022

Astha Bhaskar: "Automatic credit card approval prediction system"; ICCCN-2022

Nishi "Analyzing Sentiments of Tweets related to Russo-Ukrainian War", International Conference for Intelligent Technologies, Hubballi

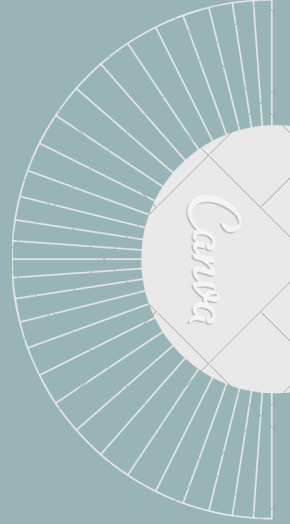
R. Sharma, S. Gupta, P. Gambhir and P. Bansal, "End-to-End recognition approach for Cognitive Impaired speech using Sequential Conv-Nets," 2022 4th International Conference on Artificial Intelligence and Speech Technology (AIST), Delhi, India, 2022, pp. 1-6, doi: 10.1109/AIST55798.2022.10064867.

# Ongoing Projects



## Automatic Approach for Real-Time Facial Recognition Using Deep Neural- Network (RTFR-DNN)

Sponsoring Agency:  
Central Forensic Science  
Laboratory (CFSL),  
Directorate of Forensic Science Services (DFSS),  
Ministry of Home Affairs, Government of India.



## Sanskrit knowledge accessor

A consortium project with IITs and  
NITs under the NLTM Mission  
provided by MeiT



# Student Life



# Editorial Board



Shreeya Aggarwal  
Btech CSE-AI



Ishita Paul  
Btech CSE-AI



Srishti Chugh  
Btech CSE-AI



Sohni Malik  
Btech CSE-AI



Ms. Kiran Malik  
Assistant Professor



Tanya Kumari  
Btech CSE-AI



Udetta Jain  
Btech CSE-AI



Saachi Bansal  
Btech CSE-AI



Pallika Dhingra  
Btech CSE-AI



Tanya Gupta  
Btech CSE-AI