GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY
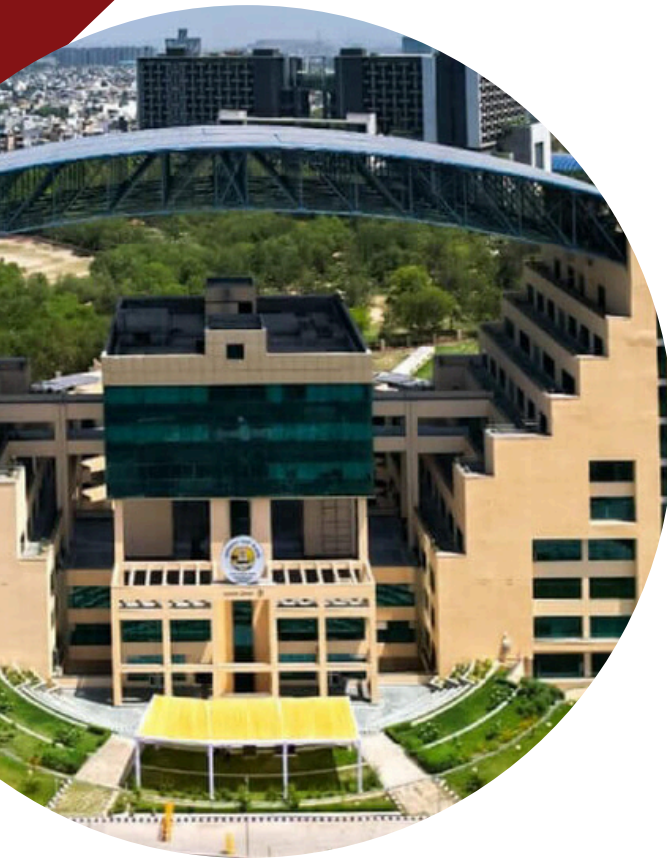
East Delhi Campus

EDITION 3

NETTED BYTES
2025

GURU GOBIND SINGH
INDRAPRASTHA
UNIVERSITY
NEW DELHI

NETTED BYTES

- **About GGSIPU**
- **Established:** 1998 by Govt. of NCT of Delhi.
- Named after Guru Gobind Singh Ji – the 10th Sikh Guru.
- **Vision & Mission:** Providing quality higher education, promoting research, innovation, entrepreneurship, and holistic student development.
- **Accreditations:** NAAC A++, UGC recognized, ranked among top public universities in Delhi.
- **Growth**: Expanded from a handful of affiliated institutes to over 150 colleges with thousands of students across diverse disciplines.
- **GGSIPU** features among the top 1000 universities worldwide in the QS World University Rankings 2026.

Prof. (Dr.) Mahesh Verma
Hon'ble Vice Chancellor

Dr. Kamal Pathak
Registrar, GGSIPU

Prof. Anil Kumar Saini, Director–In–Charge, EDC

It gives me great pride to witness the continued growth and accomplishments of the University School of Automation & Robotics (USAR) and the entire East Delhi Campus community. This newsletter beautifully captures the spirit of innovation, collaboration, and excellence that defines our students and faculty. Over the past year, our campus has become a hub of creativity and technological advancement — hosting national–level events, industry collaborations, and academic conferences that reflect our university's forward–thinking vision.

Prof. Arvinder Kaur, Dean USAR

It gives me immense pleasure to present this edition of the USAR Newsletter, a reflection of the vibrant academic, technical, and cultural ecosystem that defines USAR. Over the past year, our students and faculty have demonstrated remarkable innovation, dedication, and excellence, from winning prestigious national hackathons and research competitions to hosting large–scale university events that inspire creativity and collaboration.

PAGE 1

USAR - ACADEMIC PROGRAMMES

USAR
(University School of Automation and Robotics)

- B.Tech. (Artificial Intelligence - Data Science
- B.Tech. (Artificial Intelligence - Machine Learning)
- B.Tech. (Industrial Internet of Things(IIOT))
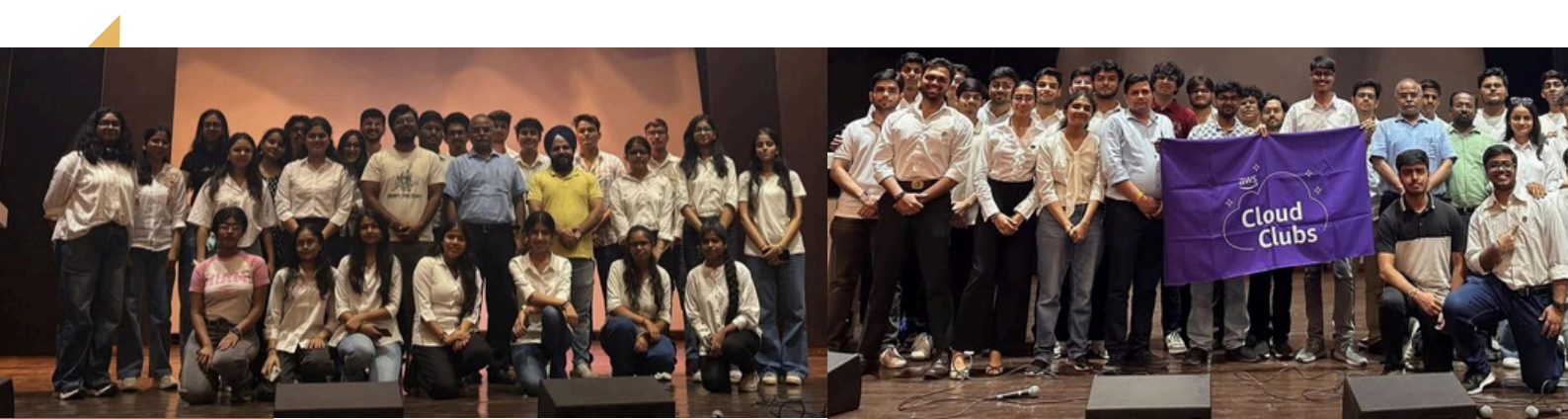- B.Tech. (Automation and Robotics)
- Ph.D. in (AI-DS / AI-ML / IIOT/A&R)

USAR - FACULTY & STAFF

USAR- Clubs & Student Chapters

S.No	Chapter Name	Faculty Coordinator	Club Chair
1	Association for Computing Machinery ACM & ACM-W	Dr. Rahul Johari & Dr. Khyati Chopra	Aditya Kumar (ACM) & Khushboo Rai (ACM-W)
2	Institute of Electrical and Electronics Engineers (IEEE)	Dr. Amrit Pal Singh & Dr. Neeta Singh	Purvesh Gupta (IEEE) & Nyasa G. Vats (IEEE-WIE)
3	Software Development Cell (SDC-USAR)	Dr. Rahul Johari	Tanishq Nirwan
4	Karuyantra - The Robotics Club (KRC)	Prof. Ajay S. Singholi & Dr. Rajendra Arya	Dhruv Arneja
5	Intel OneAPI Student Club (IoSC)	Dr. Rahul Johari & Dr. Khyati Chopra	Utkarsh Chahuhan
6	Game Dev Guild Students Club (GDGSC)	Dr. Renu Dalal & Dr. Jyoti	Krish Kapoor
7	AWS Cloud Clubs	Dr. Rahul Johari & Dr. Manoj Kumar	Ananya Sinha
8	1M1B IPU Chapter	Dr. Amrit Pal Singh & Dr. Amar Arora	Manya Joshi
9	USAR Foss Club (UFC)	Dr. Amrit Pal Singh	Siddharth & Piyush Gupta
10	Tradophile	Dr. Mahesh Chand & Dr. Arti Singh	Vansh Sethi
11	Google Developer Groups (GDG)	Dr. Amar Arora	Mukund
12	ACTS - EDC	Dr. Amar Arora & Dr. Neeta Singh	Md. Salik Inam
13	Tedx - GGSIPU EDC	Dr. Sanjay K. Singh & Dr. Deepak Tripathi	Ravi Garg

Events

CODEX Hackathon: Igniting Innovation on National Space Day | 21st August 2024

The University School of Automation & Robotics (USAR), in collaboration with the University School of Basic & Applied Sciences (USBAS), successfully organized the CODEX Hackathon on the occasion of National Space Day. The event brought together over 500 bright minds from across institutions, challenging participants to design cutting-edge solutions to real-world problems in the field of space and science. The hackathon served as a dynamic platform for students to showcase their creativity, technical prowess, and problem-solving abilities.

8th International Conference on Advanced Production and Industrial Engineering (ICAPIE 2025)

The 8th ICAPIE, held from 28th to 31st August 2025, brought together leading researchers, academicians, and industry experts from around the world to discuss the latest advancements in production, industrial engineering, and emerging technologies. The conference served as a prestigious platform for knowledge exchange and innovation. The event featured insightful keynote sessions, paper presentations, and technical discussions, fostering collaboration between academia and industry. The conference reinforced USAR's commitment to promoting research excellence and advancing the frontiers of automation, robotics, and industrial innovation.

Student Induction Programme 2024: Welcoming the New Batch of Innovators | 31st August 2024

The Student Induction Programme 2024, held on 31st August 2024, marked the beginning of a new academic journey for the incoming batch of students at the USAR. The event provided a glimpse into the vibrant academic and extracurricular culture of the campus. Various technical clubs showcased their innovative projects, demonstrating the school's strong foundation in automation, robotics, and artificial intelligence. Alongside them, the DSW Srijan Clubs presented their initiatives, encouraging holistic development through cultural, literary, and social engagement. The induction served as a perfect blend of inspiration and interaction, motivating freshers to explore, innovate, and actively participate in the thriving USAR community.

Events

Mulaqaat 2.0 – A Grand Welcome to the USAR Family | 6th September 2024

The much-awaited Mulaqaat 2.0 – Freshers' Party was held on 6th September 2024, filling the EDC Auditorium and D-Block with energy, laughter, and celebration. The event featured captivating student performances, fun games, and engaging activities that brought seniors and freshers together in a spirit of joy and camaraderie. The celebration continued with a DJ evening at D-Block, where students danced to their favorite tunes and enjoyed a variety of food and student-run stalls. Mulaqaat 2.0 truly embodied the essence of togetherness and creativity, making it a memorable start to the academic journey for the newest members of the USAR family.

Smart India Hackathon 2024 – Internal Round at USAR | 9th & 10th September 2024

The Smart India Hackathon (SIH) 2024 – Internal Round was successfully conducted on 9th and 10th September 2024 at the USAR. The event witnessed enthusiastic participation from all University Schools (USS), with over 190+ teams showcasing their innovative solutions to real-world problem statements. Round 1, held on 9th September, focused on idea presentation and evaluation, followed by Round 2 on 10th September, where shortlisted teams demonstrated their prototypes before expert judges and mentors. The hackathon fostered creativity, teamwork, and problem-solving among students, embodying the true spirit of innovation and collaboration. It served as a gateway for the best teams to advance to the national stage, reflecting USAR's growing culture of technological excellence and entrepreneurship.

Vespera 2024 – The Celebration of Technology and Creativity | 28th & 29th October 2024

The Vespera Tech Fest 2025, jointly organized by AWS and IoSC, was held on 28th and 29th October 2025 at the USAR. The two-day fest brought together innovation, entertainment, and collaboration under one roof. The highlight of the event was Veshack, a thrilling 36-hour hackathon that challenged participants to build impactful solutions using cutting-edge technologies. Alongside the hackathon, events such as VesLens and VesDesign (UI/UX design competition) provided creative outlets for students to showcase their skills. The evenings came alive with laughter and rhythm, featuring stand-up comedian Madhur Virli and energetic band performances. Vespera 2025 stood out as a perfect blend of technology, talent, and entertainment, celebrating the innovative spirit of USAR.

Speaker Session on Global Education Opportunities – Indo-American Linkages | 23rd January 2025

USAR along with ACM-W had the privilege of hosting an enlightening Speaker Session on Education Opportunities in Higher Education – Indo-American Linkages, delivered by Dr. Ron Buckmire, Dean, School of Computer Science & Mathematics, Marist University, New York. The session provided valuable insights into international academic collaborations, higher education pathways, and research prospects for students aspiring to study abroad. Dr. Buckmire shared his perspectives on the evolving landscape of global education and the growing significance of interdisciplinary learning in the era of AI and automation. The interactive discussion encouraged students to broaden their horizons and explore cross-cultural academic experiences, reflecting USAR's commitment to fostering global exposure and academic excellence.

Events

Snap Lens Workshop – Exploring Augmented Reality with BharatXR | 21st February 2025

On 21st February 2025, IEEE - WIE USAR & ACTS-EDC hosted an engaging Snap Lens Workshop conducted by Ms. Chhavi Garg, Co-Founder of BharatXR. The workshop provided hands-on exposure to Augmented Reality (AR) development using Snap Lens Studio, empowering students to design interactive and creative AR experiences. Ms. Garg shared valuable insights into the growing AR ecosystem, the role of immersive technologies in modern communication, and career opportunities in extended reality (XR). The session sparked immense enthusiasm among participants, encouraging them to blend innovation with creativity and explore the endless possibilities of AR-based applications.

Scribble Day - Batch of 2025 | 24th April 2025

The Scribble Day for the first graduating batch of USAR (Batch of 2025) was held on 24th April 2025 at the lively Chill Zone (1st Floor, C-Block). The event carried a wave of emotion and nostalgia as the pioneering batch celebrated the culmination of their remarkable journey at the University School of Automation & Robotics. Students joyfully penned heartfelt messages, signatures, and doodles on each other's outfits, capturing years of camaraderie, late-night projects, and shared memories. The atmosphere was filled with laughter, music, and bittersweet goodbyes as faculty and friends joined in to honor the legacy of USAR's first graduating class. Scribble Day 2025 will forever remain a milestone moment, marking not just an ending, but the beginning of a new era for USAR's alumni community.

Events

TEDx GGSIPU "Daastan" | 24th April 2025

Held on 24th April 2025, brought together exceptional storytellers and visionaries who delivered powerful talks spanning from artificial to emotional intelligence. The event featured speakers such as AI expert Manav Gupta (Tensor Boy), World Champion Boxer Gaurav Bidhuri, and Kargil War Hero Captain Akhilesh Saxena, along with poet Abhash Jha, educator Mohammad Kashif, Dr. Rohit Luthra, and wellness advocate Bhavya Doshi. The evening concluded with vibrant cultural performances, including Inayat Kaur Bajaj's classical-rock fusion, Krish Arora's Retrospect Band, and an open mic session, creating a perfect blend of intellect, inspiration, and entertainment.

Afsana - Farewell Ceremony | 25th April 2025

Events

The Farewell Ceremony – Afsana 2025 was held on 25th April 2025 to bid an emotional adieu to the first graduating batch of the University School of Automation & Robotics (USAR). The event was a heartfelt celebration of achievements, memories, and milestones, marking the conclusion of an inspiring academic journey. The ceremony featured cultural performances, video tributes, and words of wisdom from faculty members, celebrating the batch that laid the foundation of USAR's legacy. Students shared emotional moments with their mentors and peers, expressing gratitude for the guidance and friendships that shaped their university years. Afsana 2025 stood as a beautiful tribute to the spirit, innovation, and perseverance of USAR's inaugural graduating class—leaving behind a legacy that will inspire generations to come.

Geekverse 2025 – Nationwide Hackathon by ACTS-EDC

The Association of Computing, Technology & Science (ACTS-EDC) hosted Geekverse 2025, a nationwide hackathon held on 9th May 2025 at the Auditorium, GGSIPU East Delhi Campus. The event brought together tech enthusiasts and innovators from across the country to develop creative, technology-driven solutions to real-world challenges. Alongside intense coding sessions, Geekverse 2025 also featured vibrant cultural performances, including energetic dance and musical acts, adding a lively and celebratory spirit to the event. The fusion of innovation and entertainment made Geekverse 2025 a standout success, exemplifying the perfect balance of technology, creativity, and collaboration at USAR.

Learning Expeditions

Visit to National Physical Laboratory | 1st October 2024
Students of USAR along with Prof. Kriti Batra embarked on an enriching educational visit to the National Physical Laboratory (NPL), New Delhi one of India's premier research institutions under the Council of Scientific and Industrial Research (CSIR). The visit provided students with a unique opportunity to witness cutting-edge research in the fields of metrology, advanced materials, and precision measurement technologies. Experts at NPL guided the students through various laboratories, explaining the role of scientific innovation in industrial and national development. The experience not only enhanced scientific curiosity but also inspired students to pursue research-driven careers contributing to India's technological advancement.

Visit to India Mobile Congress 2024 | 15th - 18th October 2024
From 15th to 18th October 2024, students of the University School of Automation & Robotics (USAR) attended the India Mobile Congress (IMC) 2024, Asia's largest technology and telecommunications event. The visit offered students an immersive experience into the latest innovations in 5G, Artificial Intelligence, Robotics, IoT, and Smart Mobility. Participants interacted with industry leaders, explored live demonstrations, and gained valuable insights into the evolving digital ecosystem shaping India's tech future. The exposure bridged classroom learning with real-world advancements, inspiring students to align their academic pursuits with emerging technologies driving global connectivity and innovation.

Educational Visit to the India CSR & ESG Summit 2024 | 15th - 18th October 2024
From 16th to 18th October 2024, students of USAR attended the India CSR & ESG Summit organized by CSRBOX. The event featured distinguished guests including Cabinet Ministers, IAS & IPS officers, and other top government officials. Students had the unique opportunity to interact with VVIPs, gaining insights into sustainability, governance, and innovation. The summit offered valuable exposure to real-world CSR and ESG practices, inspiring students toward responsible and impactful leadership.
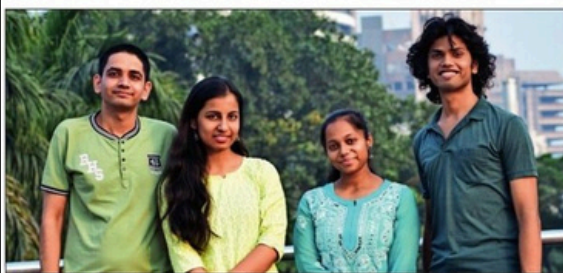
Hall of Achievers

Team Pragati Triumphs at Smart India Hackathon 2024

Team Pragati from the USAR brought laurels to the university by winning the prestigious Smart India Hackathon 2024, securing a cash prize of ₹1,00,000 for their groundbreaking and innovative solution. With this remarkable achievement, USAR became the only University School to secure consecutive wins at the national-level hackathon. The victory stands as a testament to the students' technical excellence, creativity, and problem-solving acumen, reflecting USAR's growing legacy of innovation and leadership in technology-driven competitions.

KHUSBU RAI & TEAM WIN UST HACKATHON'S INDIA REGION AWARD

INDIA REGION WINNING TEAM: (From left) Kartik Bhasin, Khusbu Rai, Vanshika Gupta, Priyankesh

➤ Khusbu Rai and her team, Green Warriors, from Guru Gobind Singh Indraprastha University, New Delhi, were the India region winners of the fourth edition of D3CODE, IT consulting company UST's annual hackathon. Khusbu's team included Kartik Bhasin, Priyankesh, and Vanshika Gupta.

friendly products," she says. The hackathon experience, she says, helped them realise that "with passion, innovation, and teamwork, they have the power to create solutions that really make a difference."

➤ The India region second prize was won by Akash Jadhav and team from

Team Green Warriors Wins India Region at UST Global Hackathon – D3CODE 2024

Team Green Warriors from USAR, comprising Khusbu Rai, Kartik Bhasin, Priyankesh, and Vanshika Gupta — final-year B.Tech (Artificial Intelligence & Machine Learning) students — achieved a remarkable feat by winning the India Region of the UST Global Hackathon (D3CODE 2024). Their winning project, "Recycle Radar," is an innovative iOS application that provides personalized recycling recommendations and features a marketplace for eco-friendly products. The team's solution stood out for its impactful approach to sustainability through technology, showcasing USAR's continued excellence in fostering innovation, environmental awareness, and real-world problem-solving.

Hall of Achievers

SMART DELHI IDEATHON - WINNER

Team Ideators from USAR clinched the First Prize at the Smart Delhi Ideathon, earning an impressive cash prize of ₹5,00,000 for their innovative traffic management solution. Their project proposed a data-driven approach to optimize urban traffic flow using AI-powered analytics and real-time monitoring. The team's achievement highlights USAR's strong emphasis on smart city innovation and applied problem-solving, reaffirming its position as a leading hub for technology-driven solutions addressing metropolitan challenges.

Team Bug Smashers Triumphs at TruthTell Hackathon and Represents USAR at WAVES 2025

Team Bug Smashers, comprising Nikita, Piyush, and Manya Joshi, final-year B.Tech (Artificial Intelligence & Data Science) students — emerged as winners of the TruthTell Hackathon, organized by the Ministry of Information and Broadcasting. Their innovative project focused on leveraging AI for combating misinformation and promoting digital media authenticity. Following their victory, the team earned the prestigious opportunity to represent USAR at the World Audio-Visual and Entertainment Summit (WAVES) 2025, showcasing their innovation on a national platform. Their achievement underscores USAR's growing reputation for nurturing talent that bridges technology, creativity, and societal impact.

Some More Notable Student Achievements

Ravi Garg (B.Tech AI & ML, V Semester)
- 🥇 1st Position – Vigyaan Hackathon 2024, Atal Incubation Centre, GGSIPU
- 🥇 1st Position – Ace Hack 4.0 (Rajasthan's Largest Hackathon), UEM Jaipur
- 🥈 2nd Position – Clash of Codes V1.0 & V2.0, Tech Nexus Community
- 🥉 3rd Position – InnovateX, Entrepreneurship Cell, DTU

Pushpender Singh (B.Tech AI & ML)
- 🏆 Winner – Unstop Talent Award 2025
- 🏆 Winner – Amazon Smbhav Hackathon 2024
- 🏆 Winner – Intel & Red Hat International Hackathon 2024
- 🏆 Winner – Intel Gen AI Hackathon
- 🏆 Winner – Cyber Hackathon, Delhi Police

Waqar Akhtar (B.Tech AI & DS, V Semester)
- 🏅 4th Position – Smart Delhi Ideathon 2025

University School of Automation & Robotics
Sports Accolades
20th GGSIPU Inter-Collegiate Championship 2025

GURU GOBIND SINGH
INDRAPRASTHA
UNIVERSITY
NEW DELHI

Dhairya Singh (03019051622)
Sports Head
GGSIPU EDC (2024-25)

S. No.	Student Name	Medal	Event / Category
1	**Vijul Ahuja**	🥇 Gold	200m Women
2	**Vijul Ahuja**	🥇 Gold	800m Women
3	**Vijul Ahuja**	🥇 Gold	Cross Country Women
4	**Vijul Ahuja**	🏆 Title	Women's Athlete of the Year – Overall
5	**Satyam**	🥇 Gold	Powerlifting Men (120kg)
6	**Shashwat Kumar**	🥈 Silver	Chess (Mixed)
7	**Chaitanya Lele**	🥈 Silver	Chess (Mixed)
8	**Divyansh Mutreja**	🥈 Silver	Chess (Mixed)
9	**Pranav R**	🥈 Silver	Chess (Mixed)
10	**Dhruv Sharma**	🥈 Silver	Chess (Mixed)
11	**Vansh Kamra**	🥈 Silver	Lawn Tennis Men (Doubles)
12	**Sarthak Negi**	🥈 Silver	Lawn Tennis Men (Doubles)
13	**Vansh Kamra**	🥉 Bronze	Lawn Tennis Men (Singles)
14	**Vedaant Mitra**	🥉 Bronze	Judo Men (90kg)

Annual Technical - Cultural Fest 2025

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY NEW DELHI

Elysian 2025, the flagship annual fest of the **University School of Automation & Robotics (USAR)**, was celebrated with remarkable enthusiasm and grandeur from **15th to 17th October 2025**. The theme for this edition, **"Technology & Robotics in Indian Culture and Festivals"** with the tagline **"Innovation in Every Celebration"**, beautifully showcased the fusion of India's cultural heritage with modern technological innovation.

The three-day extravaganza transformed the East Delhi Campus into a vibrant arena of creativity, innovation, and artistic expression. Students from all schools of the East Delhi Campus, along with participants from various affiliated colleges, engaged wholeheartedly in a diverse range of technical, cultural, and recreational activities curated by student clubs and societies.

Elysian 2025 recorded exceptional engagement, with 3,586 registrations (excluding hackathons) and an impressive 3,64,501 digital impressions. The combined participation in both hardware and software hackathons crossed 2,500, taking the total footfall to over 6,000 participants, establishing Elysian as one of the largest and most impactful technical fests in Delhi NCR. The event's promotional campaigns were highly successful, achieving over 500,000+ Instagram reaches across the fest days.

The cultural segment began with **Saanji Raas, the Annual Garba Night**, held on Day 1 at the EDC Ground. The event witnessed a massive turnout of more than 2,000 students, who celebrated a joyous and vibrant evening of dance and festivity. The decorations, management, and overall execution received glowing appreciation from both students and faculty.

Day 2 featured Step Sync, a high-energy western group dance competition organized by the DSW Dance Club. The event brought exhilarating performances that captivated audiences and added rhythm and dynamism to the fest's cultural celebrations.

University School of Automation & Robotics

Student Council - USAR

Academic Session: 2025-26

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY — NEW DELHI

School Representatives

Ritwick Johari (02619051922)   **Tanya Gupta (08119051723)**   **Sumit Kumar (04519051722)**   **Amisha Rawat (04619051923)**   **Ravi Ranjan (00519072023)**

Class Representatives

Batch / Year	AI–DS	AI–ML	IIOT	A&R
4th Year (2022–26)	Ritwick Johari, Kavleen Kaur	Gaurav Sharma, Ananya Singhal, Drishtri	Sumit Kumar, Doli Singh, Ansh Singh	Shreyash Mishra, Gurpreet Singh Satha, Alorika Jain
3rd Year (2023–27)	Yashwardhan Singh, Amisha Rawat, Sparsh Gupta	Shanvi Gulia, Rivasnhu, Nikhil Yadav	Aman Kumar, Asmita Khandelwal, Gaurav Gupta, Tanya Gupta	Ravi Jain, Harshita Singh
2nd Year (2024–28)	Tarini Agarwal, Yash Shahi, Priyansh, Khushi Singh	Arjun Kaushik, Prisha Saharan, Yash Rathee, Nandini Bhatt	Samridh Kandwal, Ritu Sikarwar, Aayan Khan, Aashna Anand	Manan Arora, Muskan, Arunima Jain, Prarthna
1st Year (2025–29)	Areeb Arshad, Sejal Pal, Iesh Dwivedi, Bhumika	Moksh Gola, Meghna Thakran, Raunak Jha, Gneev Kaur	Kushagr Dureja, Kripa Grover, Anvesha Singh, Sahil	Krish, Ashi Gupta, Kalash Jha, Yashita Sharma

Batch of 2026

UNIVERSITY SCHOOL OF AUTOMATION & ROBOTICS
B.TECH (BATCH: 2022-2026)

CORE TEAM

Prof. Arvinder Kaur
Dean, USAR

Editor(s):

Dr. Rahul Johari
Associate Director, DSW (EDC)

Dr. Atul Tripathi
Assistant Professor, USAR

DSW Cell @ USAR

Dr. Ashish Joshi
Assistant Professor, USAR

Dr. Lalit Kumar
Technical Officer

STUDENT TEAM

Ritwick Johari (02619051922)	Dhairya Singh (06219051622)	Sumit Kumar (04519051722)
Dhruv Basia (00819051923)	Krish Kapoor (07119051923)	Aryan Malhotra (03019051723)
Amisha Rawat (04619051923)	Kavyanshi Gera (09619051923)	Arman Singh (10619051923)
Susmit (09519052024)	Arnav Anand (13519051924)	Dhwani Verma (08419051924)
Annanya Gera (01219051924)	Riya Malhotra (03719051924)	Prashant Baliyan (05519051924)
Yash Shahi (06519051924)	Prarthna (11919052024)	Ananya Chauhan (07719051624)
Trisha Verma (04719051724)	Ojasvini Dixit (07119052024)	Md. Arman (11919051724)
Riya Badalia (11119051724)	Aditya Singh (12419051724)	Mehak Srivastava (06019051724)
Khushi (13219051922)	Neetigya Cheema (04218241824)	Keshav Verma (04218241924)