



SAMPARK

A PUBLICATION OF AJAY KUMAR GARG ENGINEERING COLLEGE

2024-2025 ISSUE



Vision

To introduce Under Graduate and Post Graduate courses for all Engineering branches and award of Ph.D degree, to be one of the best Engineering Colleges in the country and to be a Deemed University.

Mission

We strive to provide and maintain academic environment and systems, enabling maximum learning to produce competent professionals. We also aim at achieving this through transparent academic and administrative policies in the college. We intend to provide conducive atmosphere for research, development and consultancy services to our faculty at national and international level.

Quality Policy

To provide and continually improve academic environment and systems which give total satisfaction and enable students to develop their full potential and mature into competent professionals and responsible members of society.





SAMPARK

PATRON

Prof. Amita Dev
Advisor
AKGEC, Ghaziabad

Dr. Hemant Ahuja
Director
AKGEC, Ghaziabad

EDITOR

Ms. Navjyoti Sharma
Assistant Professor
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It is with immense pride and pleasure that we present the 2025 edition of sampark the distinguished magazine of our engineering college. This publication serves as a vibrant intellectual platform that celebrates the remarkable talent, innovation, and achievements of our academic community. It reflects the collective dedication and commitment of the AKGEC fraternity – comprising the administration, faculty, staff, students, alumni, recruiters and collaborative partners – who continuously strive to advance the frontiers of engineering and technology.

In this special edition, readers will discover a rich collection of thought-provoking content, ranging from pioneering research and impactful projects to inspiring accounts shared by our accomplished alumni. Alongside these, we have thoughtfully curated visually engaging and comprehensive updates highlighting the latest co-curricular and cultural activities across the campus.

Our endeavour is to foster an intellectually stimulating environment that encourages the exchange of ideas, amplifies diverse voices, and nurtures creativity within our community. We sincerely hope that this magazine will kindle curiosity, promote innovative thinking and motivate active engagement in the ever-evolving world of engineering.

The editorial team expresses its heartfelt gratitude to our Advisor and Director for their invaluable guidance and constant encouragement, which have been instrumental in bringing this edition to fruition. This publication is the result of the unwavering support and dedicated efforts of many individuals, including department heads, deans, section heads, faculty members, staff and students, whose collective contributions have made this endeavour a meaningful success.

Editorial Team

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ADVISOR'S MESSAGE



Prof. Amita Dev
Advisor, AKGEC

It gives me immense pleasure and pride to extend my heartfelt greetings on the release of the sampark 2024-25 issue, the esteemed magazine of our institution. This publication stands as a vibrant reflection of our collective pursuit of academic excellence, innovation, and intellectual growth. With each passing year, our college continues to expand the frontiers of knowledge, guided by a strong commitment to quality education and holistic development.

Our academic community has consistently demonstrated remarkable resilience, creativity, and dedication through pioneering research, impactful projects, and outstanding achievements at both national and international levels. These accomplishments reaffirm our position as a dynamic center of learning, innovation, and technological advancement. The enthusiasm and perseverance of our students, combined with the mentorship of our accomplished faculty, have enabled our institution to scale new heights.

I take this opportunity to sincerely acknowledge the invaluable contributions of our faculty members, administrative staff, and support personnel, whose unwavering efforts ensure a conducive environment for teaching, learning, and research. Their dedication behind the scenes plays a vital role in shaping future-ready professionals and responsible citizens.

I also commend the editorial team for their meticulous planning, creativity, and commitment in curating this meaningful edition. Through insightful articles, inspiring narratives, and creative expressions, sampark continues to serve as a powerful platform for knowledge sharing and self-expression.

May this magazine ignite curiosity, foster innovative thinking, and encourage our students to pursue excellence with integrity and social responsibility. I am confident that sampark will continue to strengthen the spirit of collaboration and academic inquiry within our institution.

I extend my best wishes to the entire team for the continued success of this publication and look forward to many more inspiring editions in the years to come.

DIRECTOR'S MESSAGE



Dr. Hemant Ahuja
Director, AKGEC

I am delighted to learn about the release of sampark 2024-25, the prestigious college magazine of Ajay Kumar Garg Engineering College. This publication stands as a vibrant reflection of the institution's strong academic ethos, innovative initiatives, remarkable achievements, and the creative contributions of our students and faculty members.

AKGEC has consistently progressed in the areas of academic excellence, infrastructure development, research and innovation, industry collaboration, and student performance. The institution's emphasis on outcome-based education, experiential learning, and the effective integration of modern tools and technologies has played a significant role in enhancing students' technical competence, professional skills, and global employability.

Beyond documenting institutional activities, sampark provides a valuable platform for nurturing technical communication, creativity, leadership, and collaborative abilities—essential attributes for future-ready professionals. I sincerely commend the dedicated efforts of the editorial team, faculty coordinators, and students who have contributed to making this publication meaningful and impactful.

I extend my best wishes to the entire AKGEC fraternity for continued growth and distinction. I am confident that sampark will continue to inspire the academic community to strive for excellence and contribute positively to society in the years to come.

MAJOR EVENTS

National Skill Competition – Best of the Best Welders 2024

The National Skill Competition for Best of the Best Welders 2024 was held at AWTRC on 12 -13 September 2024. This prestigious two-day event showcased the welding skills of participants from across the country. A special category titled National Best Welder Competition for Women 2024 was also part of the event, promoting and recognizing the contributions of women in the welding profession.



Training Program – Quality Control in Weldments & Brazements

A Training Program on Quality Control in Weldments and Brazements was conducted in the Material Testing Lab (DT and NDT) on 13- 17 December 2024. The session, delivered to two batches of Maruti engineers, spanned a total of four hours. It included both theoretical and practical components focusing on quality control techniques, and destructive and non-destructive testing methods applicable to weldments and brazements.



Faculty Development Program – Industrial Robotics

A one-week Faculty Development Program on Industrial Robotics was organized at IRTC from 16-20 December 2024. The program was attended by 11 faculty members from various departments including Mechanical Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Information Technology, and Computer Science. The FDP provided comprehensive knowledge on the latest industrial trends involving the use of industrial robots, their operations, and programming, aiming to enhance faculty competence in robotics applications across industries.



CBSE Principals' Exposure Visit

AKGEC, in collaboration with CBSE, hosted a two-day exposure visit for 22 school principals from Delhi-NCR, Punjab, Jaipur, and Mathura on 27th and 28th December 2024. The program showcased AKGEC's experiential learning ecosystem, featuring robotics, embedded systems, and digital manufacturing. Interactive sessions on design thinking and entrepreneurship inspired integration of skill-based education from Class 6 onwards. The visit strengthened school-college collaboration to promote NEP 2020 objectives and skill-driven learning.



Day Corporate Workshop on Welding Automation Through Industrial Robots

The Industrial Robotics Training Centre (IRTC) organized a one-day corporate workshop on "Welding Automation through Industrial Robots" on 21 February 2025. The workshop saw active participation from candidates representing various industries, focusing on practical applications of robotic welding and automation technologies. Participants gained hands-on experience and insights into modern industrial automation processes.



DGR Building Automation Specialist Program

The third batch of the DGR Building Automation Specialist Program concluded successfully, training 37 JCOs/ORs from the Indian Army, Navy, and Air Force. The 570-hour program covered HVAC, Fire Alarms, Access Control, CCTV, and Safety Systems. Expert sessions from BHEL, CP PLUS, and industry leaders, along with industrial visits, provided practical exposure. The closing ceremony featured dignitaries from IASC SSC and AKGEC and marked the signing of an MoU for future collaboration.



AICTE IDEA Lab Faculty Development Program

AKGEC conducted its sixth national-level Faculty Development Program under the AICTE IDEA Lab initiative on 21st to 25th April 2025. The program was aimed to emphasize on innovation and hands-on learning. The FDP was inaugurated by Dr. N. H. Siddalinga Swamy (AICTE) and Mr. Raghav Asthana (SRF Ltd.). A highlight was the visit and address by Prof. T. G. Sitharam, Chairman, AICTE, who inspired participants with insights on future-ready education. The program successfully upskilled educators from across India in experiential learning methodologies.



Visit of Mr. Naveen Jindal

Mr. Naveen Jindal, Founding Chancellor of O.P. Jindal Global University and Chairman of Jindal Steel and Power, visited Ajay Kumar Garg Engineering College on 30 May 2025 to explore its Centres of Excellence.

During the visit, he appreciated the college's strong industry linkages, collaborations with Defence Research and Development Organisation (DRDO), and its capability to deliver high-end engineering services. Impressed by AKGEC's model of skill-based education, innovation-driven learning, and industry alignment, he expressed keen interest in establishing a similar Skill Development Centre.

The visit reaffirmed AKGEC's significant contribution to the Skill India Mission and its role in nurturing a future-ready, industry-oriented workforce.



Expert Group Panel Discussion on Automotive Research & Service

AKGEC Skills Foundation, in collaboration with ASDC, hosted an Expert Group Panel Discussion on the Automotive Industry's Research and Service domain on 10 June 2025. Around 45–50 senior professionals, academicians and ASDC officials participated in the discussion. The event focused on identifying skill gaps, developing new curricula, and fostering industry-academia collaboration. Delegates also toured AKGEC's Centres of Excellence and commended its leadership in industry-aligned training.



NDT Lab On-Site Surveillance Audit by NABL

The Non-Destructive Testing (NDT) Lab successfully underwent an on-site surveillance audit by NABL on 12-13 July 2025. After receiving NABL accreditation in August 2024, the lab was reviewed within one year of accreditation as per NABL guidelines. The audit ensured continued compliance with quality standards and reinforced the lab's commitment to maintaining excellence in testing and certification practices.

NI LabVIEW Academy Certified LabVIEW Associate Developer (CLAD) Exam

The National Instruments LabVIEW Academy (NI LVA) hosted the Certified LabVIEW Associate Developer (CLAD) Exam on 25–26 July 2025, conducted by National Instruments as part of the NI System Design Competition 2025. A total of 30 students and 4 project engineers participated in the certification event, highlighting the academy's focus on skill enhancement, global certification standards, and practical application of LabVIEW in engineering projects.

AKGEC SKILLS FOUNDATION ACTIVITIES

Training Programs

AKGEC focuses on providing industry-oriented training programs that bridge the gap between academia and real-world applications. With a strong emphasis on hands-on learning, skill

development, and cutting- edge technologies, these training programs empower students and professionals to excel in their respective fields and meet the evolving demands of the industry. Following training programs were conducted by AKGEC Skill Foundation to promote ASF activities.

- A Short -Term Training Program on Industrial Automation and Specialist was conducted from 23/09/2024 to 29/11/2024 for 15 students at AKGEC-BOSCH CEAT.
- Three Corporate Industrial Welding Training Programs were conducted from 21/10/2024 to 20/12/2024, 12/12/2024 to 13/12/2024, and 16/12/2024 to 17/12/2024 for 49 participants at AKGEC AWTRC.
- A Short -Term Training Program and Industrial Training Program on LabVIEW Core I & II were conducted from 18/11/2024 to 17/11/2024 and 12/08/2024 to 19/11/2024 for 22 students at AKGEC NI LabVIEW Academy.
- Two Short-Term Training Programs on Drone Technology were conducted from 06/12/2024 to 15/12/2024 and 14/12/2024 to 21/12/2024 for 20 students at Drone Academy.
- A Short-Term Training Program on PLC was conducted from 01/07/2024 to 20/12/2024 for 8 students at AKGEC-BOSCH CEAT.
- A short-Term training program and industrial training program on Industrial Robotics were conducted from 07/04/2025 to 26/06/2025 and 02/02/2025 to 02/07/2025 for 22 students at industrial robotic training centre.
- A Short-Term training program and industrial training program on LABVIEW Core I & II were conducted from 15/4/2025 to 02/02/2025 and 15/04/2025 to 19/6/2025 for 13 students at AKGEC NI LABVIEW ACADEMY.
- A Short-Term training program on ASNT level 1 and 2 in visual testing was conducted from 28/04/2025 to 05/05/2025 for 6 students at material testing lab in Common Facility Centre.

Promotional Workshops:

To enhance awareness and engagement in cutting-edge technologies, AKGEC Skill Foundation (ASF) organized a series of promotional workshops. These workshops aimed to provide hands-on learning experiences, expose students to industry-relevant skills, and promote ASF activities among academic institutions and training centres. The following workshops were conducted:

- Three one-day workshops for 83 students from Sanskar Educational Group, Ghaziabad and ITI Dhaulana was conducted by Welding Technology Lab
- Two one-day workshops on LabVIEW Core I & II for 54 students from AKGEC was conducted by LabVIEW & Virtual Instrumentation Lab on 16 Oct 2024 and 30 Nov 2024.
- A one-day workshop for Shri Vishwakarma Skill University, Faridabad was conducted by NDT Lab on 27 May 2025 which was attended by 21 participants.
- Four one-day workshops for 82 students from ABES Engineering College, Sanskar College of Engineering, Ashoka Institute, Varanasi, and AKGEC was conducted by Industrial Robotics Training Centre on 11 Sep 2024, 13 Nov 2024, 14 Nov 2024, and 30 Nov 2024.
- A corporate workshop on “Welding Automation through Industrial Robots” was conducted by Industrial Robotics Training Centre for candidates from various industries on 21 February 2025.
- A workshop on Industrial Robotics was organized by Industrial Robotics Training Centre for DSEU Okhla on 11 February 2025.
- A workshop on Industrial Robotics by Industrial Robotics Training Centre at AKGEC, Ghaziabad (IIT-Delhi Campus was organized on 30 November 2024.
- A workshop was conducted at DSEU Okhla-II Campus, Delhi by Industrial Robotics Training Centre on 11 February 2025.
- A workshop was conducted at UP Institute of Design, Noida by Industrial Robotics Training Centre on 5 March 2025.
- A workshop at Manav Rachna University, Faridabad was conducted by Industrial Robotics Training Centre on 11 March 2025.
- A workshop at Bharatiya Vidyapeeth, New Delhi was conducted by Industrial Robotics Training Centre on 2 May 2025.
- A workshop was conducted at Echelon Institute of Technology, Faridabad by Industrial Robotics Training Centre on 15, 16, and 18 March 2025.
- A one-day workshop on Industrial Robotics at Bharatiya Vidyapeeth, New Delhi was conducted by SIEMENS Centre on 20 March 2025.
- A one-day workshop on Industrial Robotics at GL Bajaj Institute of Technology was conducted by SIEMENS Centre on 27 January 2025.
- A one-day workshop on Aerospace in LabVIEW at AKGEC Campus was conducted by National Instruments LabVIEW Academy (NI LVA) on 25 February 2025 for 10 participants.
- A one-day workshop on Graphical Coding at AKGEC Campus was conducted by National Instruments LabVIEW Academy (NI LVA) on 16 May 2025 for 12 participants.
- An online workshop on System Design at AKGEC Campus was conducted by National Instruments LabVIEW Academy (NI LVA) on 25 June 2025 for 11 participants.

Competence Development Initiative

To enhance the expertise and technical proficiency of the trainers and team members at AKGEC Skills Foundation, various competence development programs were conducted. These initiatives focused on equipping trainers with industry relevant skills, enabling them to deliver high-quality training aligned with global standards

Internal & External Training Programs Conducted

- A 5-day Drone Pilot Training Program was organized at the Drone Academy for the Project Engineers of ASF, conducted by the Drone Academy team, from 20/09/2024 to 25/09/2025.
- A 3-day Hands-on Training on Stratasys F370 3D Printer was conducted at FAB LAB for the Project Engineers of ASF by Mr. Chandan Verma from 15/10/2024 to 17/10/2024.
- A 2-day Training Session on Epilog Fusion CO₂ Laser Cutter was conducted at FAB LAB for the Project Engineers of ASF, delivered by Mr. Deepak Gaurav (Service Engineer), Laser Lab India Pvt. Ltd., on 05/11/2024 & 07/11/2024.
- A 6-day Competence Development Program in Advanced Welding Technologies (Internal) was conducted at AWTRC for the AWTRC Team, delivered by Mr. Abhishek Gupta from 20/08/2024 to 30/08/2024.
- A 1-day Operational Training on SPECTROMAXx LMA110 Spectrometer was conducted at the Material Testing Lab @ CFC for the MTL Team, by Mr. R. Murugason (Service Engineer), AMETEK, on 11/11/2024.

FDPs / TT Programs / Professional Development Training

- A Two-day Training Program on AS9100D (Aviation Quality Management System) was conducted at CFC for Dr. Namrata, Dr. Vishwas, Dr. Tarun, Mr. Gajesh, Mr. Sachin, Mr. Lokesh, Mr. Akashdeep, Mr. Aman, and Ms. Aarti Singh, delivered by Mr. Praveen Kohli (CEO) and Mr. Raghbir Singh (Senior QMS Executive), ABEC Jalandhar, on 6th & 7th March 2025.
- A Two-day Train-the-Trainer Program on Optical Emission Spectrometer was organized at the Material Testing Lab – CFC for Dr. Namrata, Mr. Jai Prakash Singh, Mr. Sachin, Mr. Anshul, Mr. Akashdeep, and Ms. Aarti, delivered by Mr. Murugesan Ramaswamy, Ametek India, from 11th to 12th November 2024.
- A One-day Train-the-Trainer Program on Fiber Lens Cleaning and Tool Replacement for Robotic Laser Welding & Cutting Applications was conducted at IRTC for Mr. Gaurav Srivastava, Dr. Manoj Yadav, and Ms. Gaganpreet Kaur, in collaboration with IPG Photonics, on 3rd January 2024.
- A One-day Train-the-Trainer Program on RoboMaster was conducted at IRTC for Mr. Gaurav Srivastava, Dr. Manoj Yadav, and Ms. Gaganpreet Kaur, delivered by Mastercam, on 28th July 2025.
- A Three-day Train-the-Trainer Program on J55 was conducted at FAB LAB for Vikram, Ankur, and Himani, delivered by Mr. Vikram Singh Rajput, from 14th to 16th May (Year to be confirmed).
- A One-day Training Program on Siemens DC Drive was conducted at Siemens Lab for Mr. Dinanath Prasad, Mr. Alok Vardhan, Mr. Mahendra Dutt, Mr. Himanshu Tripathi, and Mr. Somnath Choudhary, delivered by Mr. Adarsh Srivastava, on 21st February 2025.

TOUR DE FORCE

ADMISSIONS

The college achieved commendable admissions for the academic year 2024-25, enrolling 1,516 students in the B.Tech programs despite declining trends across the state. The total student strength for the year stood at 5,862. Admissions were secured through both university counseling and direct admissions under the management quota. AKGEC remained one of the most preferred self-financed engineering colleges in the state, with students even favouring it over some government institutions. The college reached full capacity in admissions, while vacancies persisted in government colleges, further underscoring its growing preference among students. The management quota also attracted a strong pool of candidates, with 34% of direct admission students having a PCM score above 90%, 61% above 80%, 84% above 70%, and only 16% below 70%.

RESULTS

The academic results for students graduating in the year 2023-24 have been reasonably good. In the B.Tech program, 94.45% of students passed, with 88.90% securing a first division, including 46.65% with distinction and 1.22% with honors. Similarly, in the MCA (2-year) program, 98.44% of students passed, all securing a first division, with 51.56% achieving honors.

Beyond strong overall results, the college also excelled in university merit rankings. This year, 2 students featured in the top 10 merit lists of AKTU, earning prestigious accolades. These students were honored at the AKTU convocation in Lucknow on 13th August 2024.

The college has consistently produced a significant number of merit-list students and medalists over the years. This excellent and ever-improving performance is a testament to the dedicated efforts of faculty and staff, as well as the institution's continuous academic reforms and faculty and student development initiatives

TOP 10 UNIVERSITY POSITION HOLDER (2023-24)

Sl. No.	Student No.	Branch/ Course	Branch Code	Course Code	University Roll No.	Name of Students	Father's Name	College Code	Division	CGPA	University (Rank)	Photograph of Student
1	2012105	CSE	10	04	2000270120023	ANUSHKA SINGH	DHARMENDRA SINGH	027	I-DIV WITH DISTINCTION	9.15	04	
2	2031073	ECE	31	04	2000270310121	PRIYANSHI TYAGI	DEVESH KR TYAGI	027	I-DIV WITH DISTINCTION	8.99	10	

TOUR DE FORCE

UNIVERSITY TOP 10 STUDENTS SESSION (2024-25)

Sl. No	Student No.	Course	Branch	University Roll No.	Name of Student	Father's Name	Division	CGPA	RANK	Medal Name	Photograph of Student
1	2310003M	M.Tech	CSE	2300270105003	PRIYANKA VERMA	RAJ KUMAR VERMA	I-DIV WITH HONS	9.29	02	SILVER	
2	2131093	B.Tech	ECE	2100270310162	VANDIT MISHRA	SATYA VIKAS MISHRA	I-DIV WITH HONS	8.99	02	SILVER	
3	2113097	B.Tech	IT	2100270130159	SHIV PRAKASH SINGH	RAKESH KUMAR SINGH	I-DIV WITH DISTINCTION	9.01	02	SILVER	
4	2113068	B.Tech	IT	2100270130002	AARADHYA	SANTOSH KUMAR	I-DIV WITH DISTINCTION	9.01	03	BRONZE	
5	2113116	B.Tech	IT	2100270130109	MADHUR VIKRAM SINGH	TILAK VIKRAM SINGH	I-DIV WITH DISTINCTION	8.88	05	-	
6	2110186	B.Tech	CSE	2100270100081	KANIKA CHAUDHARY	SANJAY KUMAR	I-DIV WITH HONS	9.11	07	-	

Highest Package Achievers

PLACEMENTS

Outstanding academic performance, coupled with holistic development through diverse college events and activities, has led to strong placement outcomes for our students. The Training and Placement Department is playing a pivotal role in facilitating these opportunities by organizing industry-focused programs such as seminars, personality development sessions, and career counselling to enhance student competence and employability. Campus placements have shown consistent growth in both quantity (number of students placed) and quality (company profiles, job roles, and salary packages). The 2024 B.Tech graduates secured 1,727 offers, including opportunities for higher studies, while the 2025 batch achieved 1,410 offers, reflecting our unwavering commitment to excellence.

Major recruiters included top-tier companies such as Amazon, CISCO, Google, Goldman Sachs, RT Camp, Bricx, Talentserve, Park+, Adobe, TCS, Walmart, Uber, NXTPE Development India, MAQ Software, Gemini Solutions, BYJU'S, SHL, Celebal Technologies, NM Tronics Pvt Ltd, Posist Technologies Pvt Ltd, Libsys, Lohia Corp Limited, Amantya Technologies, GlobalLogic, Colt Technology Services, SMS India Pvt Ltd, Virtusa, All E Technologies, Cyfuture, Velocity Software, Jakson, Rakle IT Solutions, Bristlecone, Schneider Electric, Accenture, Deloitte, Nucleus Software, Torrent Gas Pvt Ltd, KEI Industries, Samsung, Symb Technologies Pvt Ltd, Hexaware Technology, Newgen Software Technologies Ltd, Accolite Digital, Horiba, Ericsson, Infosys, Aviotron Aerospace Pvt Ltd, Tech Mahindra Ltd, Torrent Power Limited, Inductus Group, and Axiom Consulting Private Limited, among many others.

Students selected with higher packages include:

S. No.	Student's Name	Branch	Company Name	Package LPA
1.	Anshuman Nandan	AIML	Goldman Sachs	30
2.	Vibhu Dixit	CSE (AIML)	Q Benefi Global Corp	21
3.	Dhruv Goyal	CSE	Q Benefi Global Corp	21
4.	Archas Srivastava	CS	Q Benefi Global Corp	21
5.	Ayush Raghuwanshi	IT	Q Benefi Global Corp	21
6.	Suhail Ahmad	IT	Q Benefi Global Corp	21
7.	Ketan Singh	CSE	BlogVault	14
8.	Rani	CSE (AIML)	Amazon	13.2
9.	Garima Gautam	CS	Amazon	13.2
10.	Himanshi Tripathi	CSE	Amazon	13.2
11.	Soumya Maheshwari	CS	Google	13.2
12.	Nikhil Mishra	IT	Euclid Protocol	12.43
13.	Alan Ansari	CS	RT Camp	12

Highest Package Achievers

S. No.	Student's Name	Branch	Company Name	Package LPA
15.	Parth Suyal	EN	Swaayatt Robots	11
16.	Ramest Gupta	CSE (DS)	Arrise Solution	11
17.	Prakhar Maheshwari	CSE (DS)	Arrise Solution	11
18.	Lakshya verma	IT	Arrise Solution	11
19.	Yash Varshney	CSE	Arrise Solution	11
20.	Divyanshu Rana	CSE (AIML)	SHL	10.63
21.	Kshitiz Agarwal	CSE	SHL	10.63
22.	Sajal Rastogi	CSE (DS)	Restroworks	10
23.	Sajal Aggarwal	CSE	Info Edge India Ltd.	10
24.	Annanay Aggarwal	CS	Udyogtech Ventures	10



Highest Package Achievers

AJAY KUMAR GARG ENGINEERING COLLEGE
TRAINING AND PLACEMENT DEPARTMENT

CONGRATULATIONS!



Ketan Singh
B.Tech- CSE (2021-25)

Package **14 LPA**

PLACED WITH **BlogVault**

AJAY KUMAR GARG ENGINEERING COLLEGE
TRAINING AND PLACEMENT DEPARTMENT

CONGRATULATIONS!



Rani
B.Tech- CSE-AIML (2021-25)

Package **13.2 LPA**

PLACED WITH **amazon**

AJAY KUMAR GARG ENGINEERING COLLEGE
TRAINING AND PLACEMENT DEPARTMENT

CONGRATULATIONS!



Garima Gautam
B.Tech- CS (2021-25)

Package **13.2 LPA**

PLACED WITH **amazon**

AJAY KUMAR GARG ENGINEERING COLLEGE
TRAINING AND PLACEMENT DEPARTMENT

CONGRATULATIONS!



Himanshi Tripathi
B.Tech- CSE (2021-25)

Package **13.2 LPA**

PLACED WITH **amazon**

AJAY KUMAR GARG ENGINEERING COLLEGE
TRAINING AND PLACEMENT DEPARTMENT

CONGRATULATIONS!



Soumya Maheshwari
B. Tech.- CS (2021-25)

Package **13.2 LPA**

PLACED WITH **Google**

AJAY KUMAR GARG ENGINEERING COLLEGE
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B.Tech- CSE-DS (2021-25)

Package **11 LPA**

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Lakshya verma
B.Tech- IT (2021-25)

Package **11 LPA**

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CONGRATULATIONS!



Yash Varshney
B.Tech- CSE (2021-25)

Package **11 LPA**

PLACED WITH **ARRISE**

AJAY KUMAR GARG ENGINEERING COLLEGE
TRAINING AND PLACEMENT DEPARTMENT

CONGRATULATIONS!



Alan Ansari
B.Tech- CS (2021-25)

Package **12 LPA**

PLACED WITH **rt Camp**

AJAY KUMAR GARG ENGINEERING COLLEGE
TRAINING AND PLACEMENT DEPARTMENT

CONGRATULATIONS!



Sajal Aggarwal
B.Tech- CSE (2021-25)

Package **10 LPA**

PLACED WITH **infoedge**

AJAY KUMAR GARG ENGINEERING COLLEGE
TRAINING AND PLACEMENT DEPARTMENT

CONGRATULATIONS!



ANNANAY AGGARWAL
B.Tech- CS (2021-25)

Package **10 LPA**

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AJAY KUMAR GARG ENGINEERING COLLEGE
TRAINING AND PLACEMENT DEPARTMENT

CONGRATULATIONS!



Divyanshu Rana
B.Tech- CSE-AIML (2021-25)

Package **10.63 LPA**

PLACED WITH **SHL**

AJAY KUMAR GARG ENGINEERING COLLEGE
TRAINING AND PLACEMENT DEPARTMENT

CONGRATULATIONS!



Kshitiz Agarwal
B.Tech- CSE (2021-25)

Package **10.63 LPA**

PLACED WITH **SHL**

AJAY KUMAR GARG ENGINEERING COLLEGE
TRAINING AND PLACEMENT DEPARTMENT

CONGRATULATIONS!



Sajal Rastogi
B.Tech- CSE-DS (2021-25)

Package **10 LPA**

PLACED WITH **Restro@works**

ACHIEVEMENTS

ACHIEVEMENTS

Smart India Hackathon 2024

A moment of pride for AKGEC as two teams, namely Bhoomik and Blue Sentinel, comprising 12 students, were announced as winners of the Smart India Hackathon 2024 (Software Edition) in Chennai, Tamil Nadu and Ahmedabad, Gujarat.

Team Bhoomik has developed a solution to streamline the Indian postal system, aligning with the citizen charters of the Department of Posts (DOP). It includes a mobile application for customers, a data collection app for various departments like Postman services, SOP, HPO, ICH, and NSH and a dashboard showcasing Key Performance Indicators (KPIs). The dashboard enables performance evaluation and updates through analysis, ensuring seamless operations and improved efficiency.

The second-winning team, Blue Sentinel, developed an application to assess and visualize Building Integrated Photovoltaic (BIPV) potential using LOD-1 3D city models derived from satellite data. The application allows users to input a specific date and Global Horizontal Irradiance (GHI) values, simulating sun positions and building shadows to estimate solar energy potential on building surfaces. It generates 3D city models with detailed visualizations of BIPV potential for vertical building faces and rooftop PV energy.



ACHIEVEMENTS

Anveshana 2025

The students team from our college participated in the grand finals for Anveshana 2025 held at the National Science Centre, Delhi, on 6-7 February 2025.

AKGEC presented 9 innovative projects among 42 finalists from across India representing remarkable journey of innovation, learning and triumph. Three of our teams received prestigious awards, reinforcing our legacy of excellence.

The First Prize of ₹30,000 was won by “Aarambh Adaptive Traffic Control: Emergency Vehicle Detection and Traffic Management”. The members of the team were Sarthak Singh, Vandit Mishra of final year , EC with faculty mentor as Dr. Amit Garg.



CII SKILL - WILL - LEAD EVENT

In an effort to strengthen collaboration and bridge the gap between industry and academia, the CII team, led by Mr. Mahesh Munjal, Convenor of the CII WUP Industry-Academia Skill Panel, is working diligently. An Inter-College presentation competition on techno-managerial skills for engineering students was organized on 9 October 2024. Teams from AKGEC, ABES, KIET, Sharda University, and GLBITM participated and presented on the topics assigned to them. The competition required participants to conduct a literature review, gain a thorough understanding of their topics, and deliver structured presentations, followed by a Q&A session.

The cheques for the award amount of Rs. 60,000/- was given to the three winning team of students during the award ceremony.



ACHIEVEMENTS

CHAMPION IN DESIGN CONTEST 2024

Our students named Harsh Sharma, Tarun Lalwani, and Ketan Singh from B.Tech (CSE) Won the Design Contest 2024, organized by STMicroelectronics at IIIT Delhi during the prestigious 10th IEEE International Symposium on Smart Electronic Systems (IEEE – iSES)

Competing against teams nationwide, they emerged as one of the Top 10 teams in India after a rigorous selection process in the first round and further presented their project among the top three finalists at IIIT Delhi.

Guided by external industry experts and Prof. Monika Jain, the team utilized the STM Nucleo H753ZI microcontroller to develop “Cognitive Impairment Detection using AI,” an innovative Edge AI solution addressing challenges like dyscalculia and autism. By implementing a Machine Learning model on an edge device with strict computational and memory constraints, they demonstrated technical excellence and real-world impact.

Their success was celebrated with a cash prize of ₹25,000, exclusive IEEE-ISES goodies, and the honour of being crowned champions of this National competition.



ACHIEVEMENTS

National UX Hackathon Victory - IIT Delhi

The Centre of Metaverse secured First Place at the National UX Hackathon, organized by the Indian Institute of Technology Delhi, competing against 171 teams from across the country. A team of four students developed an AI-powered Eco-Conscious Lifestyle Tracker, which earned high appreciation from industry experts representing Microsoft, Havells, and Zomato.

The team was awarded a prize pool of ₹15,000, along with JioSaavn Pro vouchers and exclusive goodies. This achievement highlights the students' excellence in user experience design, innovation, and socially impactful technology solutions.



GameJam Victory IIT Jodhpur

The team “Sleep Deprived” clinched First Place at the GameJam hosted by the Indian Institute of Technology Jodhpur with their innovative 3D escape game set in the iconic Bhangarh Fort. Featuring intricate puzzles and a gripping narrative, the game stood out among 119 competing participants, earning the team the top position and a cash prize of ₹50,000.

The achievement highlights the team's creativity, technical expertise, and storytelling excellence in game design.



ACHIEVEMENTS

GameJam – Runners-up IIT Ropar

The team “**Sleep Deprived**” secured Second Place at the GameJam hosted by the Indian Institute of Technology Ropar, with their innovative entry Tiny Tinker: Broken City, a 3D puzzle-based adventure game. Competing against 187 participants, the team impressed the jury with immersive storytelling, creative game mechanics, and strong problem-solving skills.

In recognition of their achievement, the team was awarded silver medals along with premium Bluetooth speakers, marking a proud moment for the institution and highlighting the students’ excellence in game design and interactive technology.



AICTE Challenge – Innovation & Teamwork

Swati Singh, a student from the Centre of Metaverse, was recognized for exceptional innovation and teamwork at the All India Council for Technical Education (AICTE) Challenge. She secured Third Place, winning a **cash prize of ₹50,000**.

Her creative and impactful solution impressed the judging panel, earning widespread appreciation and underscoring the Centre of Metaverse’s growing contribution to innovation-led student achievements.



ACHIEVEMENTS

Hindon Mahotsav 2025: Swachh Nadi – Samriddh Bhavishya

Hindon Mahotsav 2025 was organized in Ghaziabad as a series of awareness-driven events aimed at the revival, cleanliness, and conservation of the Hindon River. Conducted under the inspiring theme “**Swachh Nadi – Samriddh Bhavishya**” (**Clean River – Prosperous Future**), the Mahotsav sought to actively involve citizens, experts, students, and institutions in safeguarding the river ecosystem.

As part of the awards ceremony held on 5th April 2025 recognizing environmental efforts by schools and colleges, Palak Sharma, a first-year student from our college, received a consolation prize in the cotton bag painting competition, bringing pride to the institution.

Organized by Utthan Samiti, Hindon Mahotsav 2025 successfully united the community in its mission to restore the river’s health and vitality, reinforcing the broader national vision of “**Clean India – Green India.**”



ACHIEVEMENTS

Best DAPP title at the Hacker House Goa Hackathon

The college team Saksham achieved a significant milestone with its innovative project EcoCred , winning the Best DAPP Award on the Polygon track at the Hacker House Goa Hackathon .

Out of 1,500+ participating teams , only 46 teams were shortlisted to present their solutions in Goa, and Team Saksham proudly featured among them. Following intense competition, the team emerged as one of the top three teams , securing a cash prize of USD 500 for developing the best decentralized application.

EcoCred is a blockchain-based pollution monitoring system that tracks carbon footprints, ensures tamper-proof data integrity, and enables a transparent carbon credit trading platform. With future plans to incorporate green credits , the solution aims to provide a comprehensive and sustainable environmental management framework. The project originated as a software initiative during Anveshna and has since evolved into a promising venture under the college's Startup Incubation Centre .

The team — Harsh Sharma, Tarun Lalwani, and Ketan Singh — demonstrated exceptional innovation, collaboration, and perseverance. Their achievement brings pride to the institution and reflects the growing strength of its student-driven innovation ecosystem.



ACHIEVEMENTS

NABL Accreditation

The National Accreditation Board for Testing and Calibration Laboratories (NABL) hosted a prestigious ceremony at Hotel Pride Plaza, Aerocity, New Delhi, on 26 September 2024, to honour laboratories that achieved new accreditations.

On this occasion, Ajay Kumar Garg Engineering College was conferred NABL accreditation for its second laboratory under the AKGEC Skills Initiative—the Non-Destructive Testing (NDT) Lab. The accreditation certificate was presented by Mr. N. Venkateswaran, CEO, NABL, and Mr. Chakravarthy T. Kannan, Secretary General, Quality Council of India (QCI).

This accreditation underscores AKGEC's unwavering commitment to excellence in testing, calibration, and skill development. It also opens new avenues for industry collaboration, as the NABL-certified NDT Lab is now authorized to deliver services aligned with international quality standards. The certification paves the way for partnerships across key sectors such as aerospace, automotive, and construction, positioning AKGEC as a significant contributor to quality assurance, applied research, and industrial innovation.



NIPUNTA SE AAJEEVIKA

AKGEC Skills Foundation was honored to participate in the prestigious seminar “NIPUNTA SE AAJEEVIKA – Digital Skilling for Jobs,” a crucial platform addressing the urgent need to bridge India's digital skill gap and equip youth with emerging technologies like Drone Technology, 5G, AI, and Machine Learning to prepare them for future employment opportunities in a rapidly evolving job market. This seminar was organized by Rotary International District 3011 on 3 May 2025 at the PHD Chambers of Commerce and Industry, New Delhi.

Dr. R.K. Aggarwal (CEO, AKGEC Skills Foundation) and Prof. Ashiv Shah (COO, AKGEC Skills Foundation) were invited as distinguished guests to the seminar. During the event, Prof. Ashiv Shah delivered an impactful session titled “Drones – Shaping the Future of Innovation and Opportunity.”

ACHIEVEMENTS

His talk emphasized how drones are redefining sectors such as agriculture, defense, logistics, infrastructure, and healthcare, becoming key enablers of efficiency, safety, and economic growth.

This seminar reinforced AKGEC Skills Foundation's commitment to empowering the youth with cutting-edge digital skills and fostering innovation to drive India's growth towards a skilled and technology-enabled future.



QS I-GAUGE Honors AKGEC with Diamond Rating

The College was awarded with the prestigious Diamond Rating by QS I-GAUGE in July 2025, signifying excellence and high performance across multiple institutional parameters. The college secured four Platinum badges out of nine performance categories, in recognition of its outstanding performance in Employability, Facilities, Governance & Structure, and Academic Development. This distinction is valid until 10 July 2028. This achievement reflects AKGEC's unwavering commitment to quality education, holistic student development, and continuous alignment with global benchmarks in higher education.

QS I-GAUGE is the Indian rating framework of the globally renowned Quacquarelli Symonds (QS), known worldwide for its university rankings and assessment systems. Modelled on the internationally acclaimed QS Stars University Rating System, QS I-GAUGE combines global expertise with a deep understanding of the Indian higher education landscape, while maintaining rigorous and transparent evaluation standards.

It is noteworthy that AKGEC was earlier awarded the Gold Rating under this framework. The elevation to Diamond status underscores the institution's culture of continuous improvement, strong governance, and academic excellence. This milestone marks yet another proud moment for the AKGEC fraternity, reinforcing its position among India's leading institutions of higher education.

ACHIEVEMENTS

AKTU SPORTS FEST 2024-25

AKGEC participated with great enthusiasm in the Zonal Sports Meet organized by Dr. A.P.J. Abdul Kalam Technical University (AKTU) at IMS Engineering College from 23–25 October 2024. Demonstrating exceptional athleticism and team spirit, AKGEC students delivered an outstanding performance, securing 17 gold, 9 silver, and 8 bronze medals.

With the highest number of gold medals among all participating institutions, AKGEC proudly emerged as the Overall Champions of the Ghaziabad Zone, reaffirming its strong sporting legacy.

The zonal gold medallists advanced to the AKTU State -Level Sports Fest, held at Shri Ramswaroop College of Engineering and Management (SRMCEM), Lucknow, from 12–13 November 2024. Competing against top teams from across the state, AKGEC athletes showcased remarkable determination and resilience, winning 10 gold, 3 silver, and 2 bronze medals.

AKGEC once again secured the highest number of gold medals at the AKTU State Sports Fest 2024–25 under the Ghaziabad Zone. Notably, the Ghaziabad Zone has remained the overall champion of the AKTU State Sports Fest for the past decade, with AKGEC consistently playing a pivotal role in sustaining this legacy of excellence.

Crowning its exceptional performance, AKGEC was also honoured with the prestigious title of “**Best State Sports Team**”, emerging at the top among eight participating zones—a testament to the institution’s unwavering commitment to sports, fitness, and holistic student development.

EVENT NAME	ZONALS	STATE
TABLE TENNIS (BOYS)	GOLD	GOLD
TABLE TENNIS (GIRLS)	GOLD	SILVER
KHO-KHO (BOY)	GOLD	GOLD
KHO-KHO (GIRLS)	GOLD	GOLD
KABADDI (GIRLS)	GOLD	-
VOLLEYBALL (GIRLS)	GOLD	SILVER
BASKETBALL (BOYS)	SILVER	-
BADMINTON (GIRLS)	SILVER	-
HIGH JUMP(GIRLS)	GOLD, BRONZE	-

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EVENT NAME	ZONALS	STATE
HIGH JUMP(BOYS)	BRONZE	-
JAVELIN (GIRLS)	SILVER, BRONZE	-
JAVELIN (BOYS)	SILVER	-
LONG JUMP (BOYS)	GOLD, SILVER	BRONZE
SHOTPUT (GIRLS)	SILVER	-
SHOTPUT (BOYS)	SILVER, BRONZE	-
DISCUSS (BOYS)	BRONZE	-
DISCUSS (GIRLS)	GOLD , BRONZE	GOLD
4*100 M RELAY (GIRLS)	GOLD	GOLD
4*100 M RELAY (BOYS)	GOLD	GOLD
100 M BOYS	GOLD	GOLD
100 M GIRLS	BRONZE	-
200 M GIRLS	GOLD, BRONZE	BRONZE
200 M BOYS	GOLD	GOLD
400 M GIRLS	GOLD	SILVER
400 M BOYS	GOLD	GOLD
800 M GIRLS	SILVER	-
800 M BOYS	GOLD , SILVER	GOLD



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AKTU Literary, Management, and Technical Zonal Fest 2024-25

Ajay Kumar Garg Engineering College actively participated in the Literary, Management, and Technical Zonal Fest organized by Dr. A.P.J. Abdul Kalam Technical University (AKTU) at KIET Group of Institutions, Ghaziabad, on 27–28 November 2024.

Demonstrating excellence across diverse domains, AKGEC secured Silver Medals in ten events, including Robo Race, Robo Wars, Best Shot on the Spot, Debate, INNO Quest, Drone Challenge, Junkyard War, Business Plan, INNO Showcase, and Turbo AI Challenge. In addition, the college also won two Bronze Medals in Declamation and Ad Mad Show.

The commendable performance reflects AKGEC's strong emphasis on technical innovation, managerial skills, creative expression, and holistic student development, further strengthening its reputation in inter-collegiate competitions.



ACHIEVEMENTS

Thomso'24 -IIT Roorkee

Students from various cultural societies of Ajay Kumar Garg Engineering College participated with great enthusiasm in **Thomso'24**, the annual cultural fest of the Indian Institute of Technology Roorkee, held from 4–6 October 2024. The students showcased exceptional talent across multiple events and delivered commendable performances, bringing pride to the institution.

Team Euphony achieved remarkable success by securing First and Second Prizes in Crescendo – Western Solo Singing, along with a Second Position in the War of DJ Competition.

Team Renaissance also made a strong mark, winning Second Position in Spin A Yarn, Second and Third Positions in Krafton Gaming (BGMI), Second Runners -Up in Mark Sense, and Third Positions in Big Ideas and Krafton Gaming (Road to Valour).

The impressive achievements at Thomso'24 highlight the students' creativity, competitive spirit, and cultural excellence, reinforcing AKGEC's commitment to nurturing talent beyond academics.



Antaragni'24

Students from the college cultural society participated with great enthusiasm in **Antaragni'24**, the annual cultural festival of the Indian Institute of Technology Kanpur, held from 17–20 October 2024. Showcasing exceptional intellect and articulation, Team Horizon delivered an outstanding performance at the fest.

The team emerged winners of the Mayanagri Quiz Competition and also secured the prestigious Adjudicator Title as Runners -Up in the Asian Parliamentary Debate, competing against top teams from across the country.

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The achievement highlights the students' excellence in critical thinking, teamwork, and effective communication, bringing pride and recognition to the institution.



Zeitgeist'24

Students from the college cultural society V-Verve participated with great enthusiasm in **Zeitgeist'24**, the annual cultural festival of the Indian Institute of Technology Ropar, held from 25–27 October 2024. Demonstrating creativity, confidence, and strong teamwork, the team delivered an impressive performance and secured the First Runners -Up Award.

The achievement reflects the students' cultural excellence and brings pride and recognition to the institution.



ACHIEVEMENTS

VALUE EDUCATION CELL ACTIVITIES

The Value Education (VE) Cell at Ajay Kumar Garg Engineering College (AKGEC) remains committed to fostering holistic development, ethical leadership, and values-based education through a series of impactful Faculty Development Programs (FDPs) and Skill Development Programs (SDPs). These initiatives are designed to promote Universal Human Values (UHV) and holistic learning in alignment with contemporary educational frameworks. The details of the programs conducted are presented below:

FDPs and Workshops on Universal Human Values(UHV)

Date(s)	Programme Title & Resource Persons	Brief Summary
12–14 Aug 2024	3-Day AICTE Self -Funded Introductory Workshop on UHV Resource Person: Mr. R. P. Singh (VE Cell) Co-facilitator: Dr. Parul Verma (VE Cell) Local Coordinator: Mr. B. N. Pandey (VE Cell)	Out of 36 registered participants, 32 faculty members and staff attended the workshop, gaining foundational understanding of Universal Human Values and holistic living.
30 Sep – 04 Oct 2024	4-Day FDP on “Consciousness Engineering” Resource Person: Dr. Gopal Babu (VE Cell)	31 faculty members and 4 family members participated. The workshop focused on <i>self-observation and harmonious decision-making</i> through structured experiential exercises, including the 7-Step self-exploration process .
16 Dec 2024	Refresher FDP on “Consciousness Engineering” Resource Person: Dr. Gopal Babu (VE Cell)	32 faculty members attended and revisited the concepts of consciousness, self-awareness, and value-based decision-making through guided exercises.



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Date(s)	Programme Title & Resource Persons	Brief Summary
17–21 Dec 2024	5-Day FDP on “Consciousness Engineering” Resource Persons: Dr. Gopal Babu, Dr. Manishi Mishra (VE Cell)	26 faculty members participated actively, engaging in in-depth self-exploration and understanding the process of harmonious living and professional conduct.
03–10 Feb 2025	8-Day AICTE Self -Funded Introductory Workshop on UHV –II Resource Person: Dr. Gopal Babu (VE Cell) Co-facilitators: Mr. R. P. Singh (ECE), Mr. B. N. Pandey (CSE) Local Coordinator: Dr. Akhilesh Verma Team Members: Dr. Parul Verma, Dr. Manishi Mishra (ASH)	26 participants (including one NGO representative) out of 36 registered faculty members successfully completed the advanced-level workshop on Universal Human Values.
19 Jun 2025	Refresher FDP on “Consciousness Engineering” Resource Person: Dr. Gopal Babu (VE Cell)	22 faculty members attended the refresher program, reinforcing self-observation practices and value-based, harmonious decision-making.



Guest Lectures Organized Under VE Cell

The Value Education (VE) Cell at Ajay Kumar Garg Engineering College (AKGEC) organized a series of insightful guest lectures by distinguished speakers, aimed at fostering mental wellness, ethical leadership, societal transformation, and environmental conservation among students and faculty members. These sessions provided valuable perspectives and practical insights, contributing to holistic learning and values-based education. The details of the sessions are presented below:

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Date	Topic	Guest Speaker	Brief Summary
14 August 2024	<i>Why Me?</i>	BK Sangeeta Didi	The session witnessed the participation of 200 attendees , including Deans, Heads of Departments, Professors, faculty members, and students. The talk focused on self-reflection, purpose, and inner responsibility.
06 December 2024	<i>From Classroom to Community: Strategies for Sustainable Living</i>	Nipun Kaushik	Attended by 200 participant s, including Deans, HoDs, faculty members, and students. The lecture emphasized sustainable practices and the role of education in community-driven environmental change.
27 December 2024	<i>Rajyog Meditation</i>	BK Sangeeta Didi	The session was attended by all Deans, HoDs, Professors, selected faculty members, and 150 students , focusing on mental clarity, emotional balance, and spiritual well-being.
13 January 2025	<i>MUM– Meditation: Ultimate Medication</i>	Vandana Khaitan (Founder & Managing Trustee, VandeKrsna Foundation)	A gathering of 200 participants , including Deans, HoDs, Professors, faculty, staff, and students. The lecture highlighted meditation as a holistic approach to mental wellness and stress management.



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Activities Held for Students:

The Value Education (VE) Cell at Ajay Kumar Garg Engineering College (AKGEC) organized a wide range of engaging and insightful activities for students, with a strong focus on self-exploration, ethical leadership, environmental consciousness, and holistic learning. These initiatives were designed to nurture values-based thinking, social responsibility, and personal well-being alongside academic growth. The details of these activities are presented below:

Dates	Event	Key Highlights / Remarks
5 Dec 2024	PRADYUT-24	Participation from 30 student teams. The event showcased innovative ideas integrating technology and sustainability. • 1st Prize: Team Suhana Chulha – Hydrogen-powered cooking solution • 2nd Prize: Team Power Pulse – Smart energy management model • 3rd Prize: Team Kavach – Hunger mitigation through local collaboration
9 Dec 2024	Interdepartmental Plenary Session on “ <i>Our Stand for Gender Equality– India’s Vision</i> ”	Six interdepartmental teams presented perspectives, followed by an open Q&A. • 1st Prize: Abhishek Jain & Akshat Vishal (IT) • 2nd Prize: Shreya Vidyarthi & Kartik Rawat (ECE) • 3rd Prize: Harsh Sharma & Priya Sharma (CSE)
11–18 Jan 2025	36-Hour Student Course on “Consciousness Engineering”	Conducted in offline mode (weekends & weekdays). 37 students completed the course successfully. Resource Persons: Dr. Gopal Babu, Dr. Manishi Mishra, Mr. B. N. Pandey, Mr. R. P. Singh
13–17 Jan 2025	5-Day Student Workshop on “ <i>Understanding the Science of Relationships through Self Exploration</i> ”	Evening sessions (4:30–6:30 PM) conducted in two parallel batches. 60 students completed the workshop. Resource Persons: Dr. Jitendra Chhabra, Dr. Upasana Mishra, Dr. Parul Verma
1 Mar 2025	‘Save Hindon’ – National-Level Event	Organized under Future Forward: Sustainability Club (UN Academic Impact). 56 students participated; 19 students submitted eco-designed bags. Palak Sharma received a consolation prize
21–26 Apr 2025	6-Day Extra Classes / Workshop – “ <i>Moving Forward with Purpose</i> ”	Conducted for 31 students debarred from Sessional Tests, from multiple branches of 2nd & 3rd year. Facilitators: VE Cell faculty team
29 Apr – 2 May 2025	VASUDHA 2K25 (International Earth Day Celebrations) Theme: “ <i>Go Power, Go Earth</i> ”	Series of environmental activities: • Greenlens (Reel Making): 20 participants • Green Film Festival: 48 participants • Eco Ink (Essay Writing): 32 participants • Eco Echo (Debate): 16 teams • Green IQ (Quiz): 31 teams (4 finalists) • Eco Pitch Arena: 14 teams • Planet Puzzle Paradox: 210 participants (70 → 6 finalist teams) • Samriddhi Pravah (Sharing Drive): Faculty, staff, students & families contributed books, clothes, electronics & utilities
26–30 May 2025	5-Day Extra Classes / Workshop – “ <i>Moving Forward with Purpose</i> ”	Conducted for 32 second-year students from all branches. Facilitators: Dr. Upasana Mishra, Dr. Sumedha Sharma

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Extension Activities:

Date / Duration	Programme / Event	Venue / Target Group	Participants	Resource Persons / Remarks
22–24 Nov 2024	9th International Conference on Human Values in Higher Education (ICHVHE 2024) <i>Theme: Valuebased Education for a Humane Society (including SDGs)</i>	Hosted at AKGEC	International participation	Organized by VE Cell, AKGEC
31 Dec 2024 – 4 Jan 2025	5-Day UHV Workshop (3.5 hrs/day)	CBI Academy – Sub-Inspector Trainees (29th Batch)	57 trainees (including 8 women cadets)	Dr. Gopal Babu Dr. Manishi Mishra
10–12 Mar 2025	3-Day Introductory AICTE -approved UHV Workshop	SRM, Modinagar	65 participants	Dr. Upasana Mishra
16–20 May 2025	6-Day FDP on Universal Human Values (UHV) (School Education, NEP 2020 aligned)	Govt. Excellence School, Indore (MP)	95 school teachers	Dr. Upasana Mishra

ACHIEVEMENTS

Date / Duration	Programme / Event	Venue / Target Group	Participants	Resource Persons / Remarks
26 May – 2 Jun 2025	6-Day FDP on UHV (School Education, NEP 2020 aligned)	Govt. Excellence School, Indore (MP)	87 school teachers	Resource Person: Mr. B. N. Pandey Observer: Dr. Akhilesh Verma
26 May – 2 Jun 2025	6-Day FDP on UHV (School Education, NEP 2020 aligned)	Govt. Excellence School, Gwalior (MP)	65 school teachers	Dr. Manishi Mishra
16–18 Jun 2025	UHV Workshop	DGR Personnel	45 participants	Conducted by VE Cell
25–30 Jun 2025	5-Day Teacher Orientation Programme <i>Vision for Holistic Value-Based Education (NEP 2020)</i>	Sanatan Dharm High School, Bharatpur (Rajasthan)	35 teachers	Resource Person: Dr. Gopal Babu Co-facilitator: Dr. Parul Verma
25–27 Jun 2025	3-Day Teacher Orientation Programme <i>Vision for Holistic Value-Based Education (NEP 2020)</i>	National Victor Public School, Delhi	95 teachers	Resource Person: Dr. Vanchana Singh Observer: Dr. Sumedha Sharma
29–31 Jul 2025	3-Day Introductory AICTE -approved UHV Workshop	TMU, Moradabad	65 faculty members	Dr. Parul Verma
Feb – Jul 2025	Monthly UHV Seminars (Observer Role)	All Departments, AKGEC	Faculty & students	Observers: Dr. Gopal Babu, Dr. Manishi Mishra, Dr. Upasana Mishra, Dr. Parul Verma, Dr. Sumedha Sharma, Mr. B. N. Pandey
Throughout Semester	Sum-up Lectures of UHV Subjects	All Sections, AKGEC	All UHV students	Conducted by Dr. Gopal Babu
Weekly (1.5 hrs)	Faculty Meetings on UHV Teaching & Engagement	AKGEC	UHV Faculty Members	VE Cell Resource Persons

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FACULTY DEVELOPMENT PROGRAM

Research and Development in Machine Learning / Deep Learning

A One-Week Faculty Development Program was organized by the Department of MCA from 5–9 August 2024 with the objective of equipping participants with practical and research-oriented insights into Machine Learning (ML) and Deep Learning (DL).

The FDP focused on building a strong understanding of mathematical foundations, real-time applications, and hands-on implementation using Python. Key areas covered included the application of ML/DL techniques to real-world problem solving, cyber-attack detection, trust management systems, and ethical considerations in research. The program also emphasized the basics of research methodology, data requirements, and the identification of real-time challenges that can be effectively addressed using ML and DL approaches.

Through interactive sessions and practical exercises, the FDP successfully enhanced participants' technical competence and research readiness, enabling them to integrate advanced ML/DL concepts into teaching, research, and application development.

Resource Persons:

Dr. Anurag Singh: Associate Professor, NIT Delhi

Mr. Amit Sethi: President, Ran communication, Delhi

Dr. Divakar Yadav: Professor, IGNOU, Delhi

Dr. Kumud Kundu: Professor & HOD, IPEC, Ghaziabad

Dr. S. N. Rajan: Professor, IMSEC, Ghaziabad

Dr. Mansaf Alam: Professor, JMI, Delhi

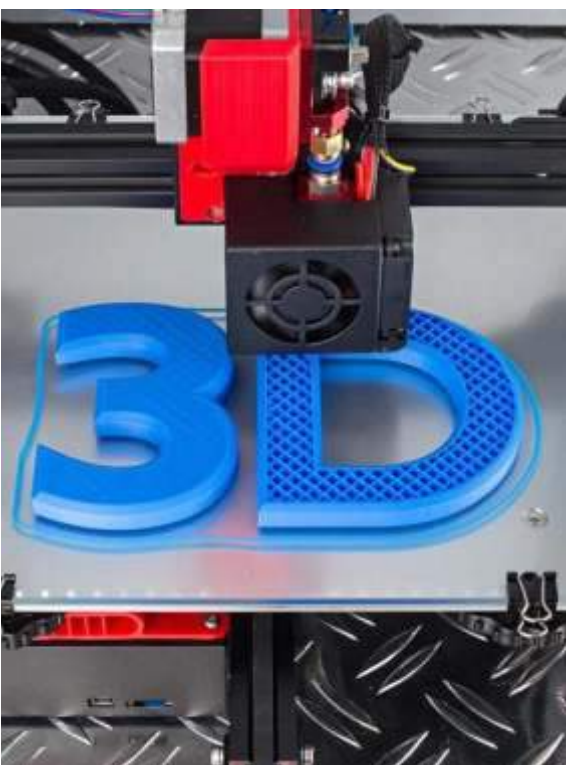
Dr. Kiran Chaudhary: Associate Professor, Shivaji College, DU, Delhi

Dr. Mrinal Pandey: Professor, MRU, Faridabad

Dr. Sarfaraz Masood: Associate Professor, JMI, Delhi

Dr. Rabins Porwal: Professor & HOD, CSJM University, Kanpur

Dr. Karan Singh: Professor, JNU, Delhi



3D & 4D Printing ICT-based Faculty Development Programme

3D & 4D Printing

A five-day ICT-based Faculty Development Programme was organized by the Department of Mechanical Engineering of Ajay Kumar Garg Engineering College (AKGEC) from 19–23 August 2024, in collaboration with the National Institute of Technical Teachers Training and Research Chandigarh (NITTTR), Chandigarh.

The programme aimed to promote academic and research excellence through practical case studies, with a special emphasis on 3D and 4D Printing technologies and sustainability initiatives. A total of 34 faculty participants from reputed engineering institutes and universities actively engaged in the sessions, which were conducted through the AKGEC Remote Centre.

The FDP also witnessed active participation from three remote centres, enriching the collaborative learning environment and fostering cross-institutional knowledge exchange. The programme successfully enhanced participants' understanding of emerging manufacturing technologies and their role in sustainable engineering practices.

AI Applications in Controller Design for Industrial Sector

A five-day Faculty Development Program was conducted by the Department of Electrical and Electronics Engineering of Ajay Kumar Garg Engineering College from 2–6 September 2024. The program was designed to familiarize participants with the latest trends, techniques, and applications of Artificial Intelligence (AI) in the field of controller design.

The FDP provided valuable insights into how AI algorithms and machine learning techniques can be effectively integrated to enhance the performance, efficiency, and adaptability of controllers across various engineering domains. Through expert-led sessions and conceptual discussions, participants gained exposure to emerging AI-driven control strategies and their relevance in modern engineering applications.

The program successfully strengthened participants' understanding of intelligent control systems and encouraged the adoption of AI-based approaches in teaching, research, and real-world engineering problem-solving.

Resource Persons:

Dr. J.S. Lathar: NIT, Kurukshetra

Dr. Sheetla Prasad: Assoc. Professor, Galgotias University

Dr. Sheetla Prasad: Assoc. Professor, Galgotias University

Dr. Ashish Srivastava: Professor & Dean SFE, Vishwakarma skill University, Faridabad

Dr. Deepak Kumar: Assoc Prof. MNNIT Prayagraj

Dr. Ankit Sachan: Assistant Professor, Graduate School of Advanced Science and Engineering, Hiroshima University

Mr. Manoj Kumar: Application Engineer Design Tech System Pvt. Ltd

Dr. Avadhpati: Assistant Professor, NIT, Silchar

Dr. Rameh Singh: Senior Product Manager, Corporate Product Management, Tata ELXSI, Bangalore



AI Applications in Controller Design for Industrial Sector

Master Mentor Teacher Training Program (MMTTP)

An eight-day Master Mentor Teacher Training Program (MMTTP) on NEP Orientation and Sensitization was organized by the Department of Master of Computer Applications (MCA) from 14–24 October 2024. The program was planned by the Mahatma Hansraj Malviya Mission Teacher Training Centre, Hansraj College, University of Delhi, under the aegis of the Malviya Mission Scheme (UGC).

The program aimed to bring together scholars and educators from across the country to explore the transformative vision of the National Education Policy (NEP) 2020. Spread across 16 engaging sessions, eminent experts shared valuable insights on key themes such as skill development, research and innovation, the Indian Knowledge System (IKS), and Information and Communication Technology (ICT)—all central pillars of NEP’s holistic and learner-centric educational framework.

The concluding technical session featured an insightful address by Anurag Kakkar from Hansraj College, who emphasized the importance of research, innovation, and inquiry-based learning in strengthening higher education. The Valedictory Session, presided over by B. K. Sharma, Head of the MCA Department and Program Convenor, highlighted the need to address student diversity and societal challenges through inclusive, value-based, and outcome-oriented teaching practices.

The program concluded on a note of inspiration and collaboration, reaffirming the collective commitment of educators to drive positive, meaningful change in India’s evolving higher education landscape in alignment with the vision of NEP 2020.



Data Science Using Python

A five-day Faculty Development Program was conducted by the Department of Computer Science and Engineering of Ajay Kumar Garg Engineering College, in collaboration with the National Institute of Technical Teachers Training and Research Chandigarh (NITTTR), from 20–24 January 2025.

The FDP aimed to equip faculty members with a comprehensive understanding of Data Science and its applications using Python, focusing on strengthening capabilities in teaching, research, and practical implementation in this rapidly evolving domain. The program was structured to blend conceptual clarity with hands-on exposure, enabling participants to effectively integrate data science techniques into academic and research activities.

A total of 65 faculty members from the CSE, IT, MCA, and ECE departments actively participated in the program, making it a truly interdisciplinary learning initiative. The FDP successfully enhanced participants' technical proficiency and preparedness to adopt data-driven approaches in education and innovation.

Resource Persons:

Dr. Gaurav Kumar: Magma Research and Consultancy Services, Ambala

Dr. Jagriti Saini: Founder & Owner, Eternal RESTEM

Dr. Sanatan Sukhija: Assistant Professor, Ecole Centrale School of Engineering, Department of Computer Science and Engineering, Mahindra University, Hyderabad

Dr. Bhawna Saxena: Assistant Professor, Jaypee Institute of Information Technology, Noida



CLEAN AND GREEN TECHNOLOGIES

A five-day ICT-based Faculty Development Programme was organized by the Department of Civil Engineering of Ajay Kumar Garg Engineering College, from 27–31 January 2025, in collaboration with the National Institute of Technical Teachers Training and Research Chandigarh (NITTTR), Chandigarh.

The FDP was designed to enhance the knowledge and skills of faculty members through meaningful interactions with eminent experts from academia and industry. The program offered an enriching learning experience, focusing on the scope, applications, and significance of clean and green energy sources in the context of sustainable infrastructure and development.

The FDP facilitated insightful discussions and knowledge-sharing sessions, deepening participants' understanding of sustainable technologies and practices. A total of 90 faculty members attended the program and gained valuable academic and industry-oriented insights, reinforcing the institution's commitment to sustainability-focused engineering education.

Resource Persons:

Dr. S. C. Jain: Former Dean of Punjab University.

Dr. Poonam Syal: Professor, NITTTR Chandigarh

Mr. Money Khanna: Project Engineer, PEDA

Dr Abraham: Retd. C.E., CPWD, Delhi

Dr. Sanjay Sharma:, Professor, Civil Engineering,
NITTTR Chandigarh

Dr Ashok Sharma: Cleantech International Foundation, Delhi

Dr Sanjay Goel: Director, Ludhiana Smart City

Dr Dharmendra Gill: CE, Water & Sewage Board, Mandi

Dr Shailesh Pathak: Art -N-Glass Inc.

Dr. Himmi Gupta: Assistant Professor, Civil Engineering,
NITTTR Chandigarh



ICT Tools for Smart Educators

A five-day Faculty Development Program was jointly organized by the Department of Computer Science & Engineering and the Department of Information Technology of Ajay Kumar Garg Engineering College, in collaboration with the National Institute of Technical Teachers Training and Research Chandigarh (NITTTR), from 27–31 January 2025.

The FDP aimed to equip educators with modern Information and Communication Technology (ICT) tools to enhance teaching effectiveness and student engagement. The program featured expert sessions by renowned academicians and industry specialists, offering valuable insights into contemporary pedagogical practices and technology-enabled learning.

A total of 62 faculty members from various departments actively participated in the program, making it a multidisciplinary learning initiative. The FDP successfully strengthened participants' competencies in adopting ICT-driven approaches for improved teaching, learning, and academic innovation.

Resource Persons:

Dr. Mala Kalra: Assistant Professor (CSE), NITTTR, Chandigarh

Dr. Garima Saini: Assistant Professor, ECE Department, NITTTR, Chandigarh

Er. Shano Solanki: Associate Professor, CSE Department, NITTTR, Chandigarh

Dr. Balwinder Singh Dhaliwal: Associate Professor, ECE Department NITTTR, Chandigarh

Dr. Gaurav Kumar: Director, Magma Research and Consultancy Services, Ambala

Mr. Prerak Mittal: Visualizer/Graphic Artist, Media Department, NITTTR, Chandigarh

Dr. Jagriti Saini: Founder and Owner, Eternal RESTEM, HP

Mr. Tanvir Singh: Project Manager, Spoken Tutorial, IIT, Bombay



AR VR and AI for Innovative Teaching and Learning Experiences

A five-day Faculty Development Program on Augmented Reality (AR), Virtual Reality (VR), and Artificial Intelligence (AI) was organized by the Department of Applied Sciences & Humanities of Ajay Kumar Garg Engineering College from 3–7 February 2025. The FDP was designed to provide faculty members with in-depth insights into emerging immersive and intelligent technologies and to guide them in effectively integrating these tools into the teaching–learning process.

The program covered the fundamentals of AR and VR, along with their diverse applications in education, healthcare, and entertainment. Participants were also introduced to the technical aspects of immersive systems, multimedia content generation using AI, and the real-world challenges associated with implementing AR, VR, and AI solutions. Hands-on sessions formed a key component of the FDP, during which participants developed basic AR/VR applications using tools such as Unity, enhancing practical understanding and skill development.

The FDP was attended by 33 participants, who actively engaged in discussions and practical activities. The program successfully strengthened faculty readiness to adopt AR, VR, and AI technologies in academic delivery, research, and innovation-driven education.

Resource persons:

Prof. R.K Wats: Professor and Head, Media engineering

Dr. Suniti Dutt: Research Assistant

Dr. Gaurav Kumar: Instructional Designer, Digital Learning Consultant

Mr. Chetanjit Singh: Senior production Asst

Dr. Suniti Dutt: Research Assistant

Dr. K.G Srinivasa: Professor

Er. Kaveesh Nayak: Senior production Asst



Applications of IOT - Project Based

A five-day IoT-based Faculty Development Program was organized by the Department of Electronics & Communication Engineering in collaboration with the IMEE Department, NITTTR Chandigarh, from 10–14 February 2025. The program was designed to enhance faculty competencies in emerging Internet of Things (IoT) technologies through a balanced blend of theory and practice.

The FDP featured 15 intensive and engaging sessions, delivered by expert resource persons. A total of 35 participants actively explored simulation tools and hands-on experiments, gaining practical exposure to IoT platforms and components such as Arduino, ESP-32 microcontrollers, and a variety of sensors.

The program successfully strengthened participants' technical understanding and pedagogical readiness, enabling them to integrate IoT-based applications into teaching, research, and laboratory practices, thereby supporting innovation-driven engineering education.

Resource Persons:

Dr. Maitreyee Dutta: Course Coordinators, NITTTR, Chandigarh

Dr. Jagrati Saini: Founder & Owner, Eternal RESTEM, Sunder Nagar, HP

Dr. Sandeep Singh Gill: Professor, NITTTR, Chandigarh

Mr. Ajay Godhra: Research Scholar, NITTTR, Chandigarh

Mr. Vipin Gupta: Research Scholar, NITTTR, Chandigarh



Machine Learning Using Python

A five-day Faculty Development Program was conducted by the Department of Computer Science and Engineering of Ajay Kumar Garg Engineering College, in collaboration with the National Institute of Technical Teachers Training and Research Chandigarh (NITTTR), from 17–21 February 2025. The FDP attracted 53 registered participants, reflecting strong faculty interest in advanced data science and machine learning techniques.

The program was designed to cover a wide spectrum of topics with hands-on implementation using Python. Key areas included Python for data preprocessing using NumPy and Pandas, feature engineering and dimensionality reduction, linear and logistic regression, DBSCAN and Expectation–Maximization (EM) algorithms, K-Nearest Neighbors (KNN) and Naïve Bayes, as well as Support Vector Machines (SVM) and Random Forests.

Through a balanced blend of theory and practical sessions, the FDP enhanced participants' competence in applying machine learning algorithms and data analytics techniques for teaching, research, and real-world problem solving, thereby strengthening the institution's focus on data-driven education and innovation.

Resource Persons:

Dr. Gaurav Kumar: Magma Research and Consultancy Services, Ambala

Dr. Jagriti Saini: Founder & Owner, Eternal RESTEM

Dr. Sanatan Sukhija: Assistant Professor, Ecole Centrale School of Engineering, Department of Computer Science and Engineering, Mahindra University, Hyderabad

Dr. Bhawna Saxena: Assistant Professor, Jaypee Institute of Information Technology, Noida



Hybrid Machining

A five-day ICT-based Faculty Development Programme was organized by the Department of Mechanical Engineering of Ajay Kumar Garg Engineering College from 17–21 February 2025, in collaboration with the National Institute of Technical Teachers Training and Research Chandigarh (NITTTR).

The programme aimed to foster academic and research growth among participants through practical case studies focused on Hybrid Machining approaches and sustainability initiatives in the manufacturing domain. Emphasis was placed on emerging manufacturing techniques, process optimization, and environmentally responsible practices.

A total of 23 faculty participants from reputed engineering institutes and universities actively took part in the FDP through the AKGEC Remote Centre. The programme successfully enriched participants' understanding of advanced manufacturing technologies and reinforced the importance of sustainable practices in modern mechanical engineering education and research.

Resource Persons:

Dr P S Rao: NITTTR Chandigarh

Dr Dinesh Pal: DRDO Chandigarh

Dr Atul Kumar: COE , IIT BHU UP

Dr Pankaj Chhabra: Educraft Academy Ambala HR

Dr Rahul Vaishya: PEC Chandigarh

SC Vettivel: CCET Chandigarh

Dr Sandeep Salodkar: PEC Chandigarh

Er Ajay Godara: Enovate Skill Chandigarh

Dr Shravan kumar: CSIO Chandigarh



Communication Maestro

A two-day workshop on "Communication Maestro," was conducted by the college on 10-11 March 2025. Led by Mr. Varun Chamadiya, Founder and Chief Educator of PROACTIVE 'T', the workshop offered an immersive learning experience centered on dynamic, real-world communication challenges.

The sessions focused on key aspects of effective communication, including conflict resolution, trust restoration, managing high-pressure conversations, and rapid-response communication challenges. With an interactive and hands-on approach, participants gained practical strategies to enhance decision-making, adaptability, and interpersonal communication.

The workshop was graced by the esteemed presence of Dr. R. K. Agarwal (Director General), Dr. Hemant Ahuja (Director) and attended by Heads of Departments, Section In-Charges, and faculty members from various departments. A total of 88 participants actively engaged in the sessions, making it a highly impactful and enriching experience.

To support continued learning, follow-up sessions and online resources will be made available, enabling participants to further refine their communication skills and effectively apply the strategies in both professional and personal settings.

Resource Persons:

Mr. Varun Chamadiya, Founder and Chief Educator of PROACTIVE 'T'



CONFERENCES ORGANIZED

Advanced Computing and Emerging Technologies (ACET-2024)

An international conference titled Advanced Computing and Emerging Technologies (ACET -2024) was organized by the Department of Computer Science & Engineering on 23–24 August 2024. The two-day event was technically co-sponsored by the IEEE UP Section. The conference served as a significant platform for deliberating on the societal impact of emerging technologies and recent research advancements.

Researchers from across India and several international institutions actively participated in the conference through a wide range of technical sessions. Scholars from prestigious institutions such as the Indian Institutes of Technology (IITs), Jawaharlal Nehru University (JNU), and Indian Institutes of Information Technology (IIITs) presented their research work, enabling a rich exchange of ideas and perspectives.

The conference featured distinguished international keynote speakers, including Valentina E. Balas, Professor at AVUA, Romania; Hauwa Ahmad Amshi, Federal University, Gashua, Nigeria; and Varun Kakar, Joint Secretary, IEEE UP Section.

The event was further enriched by the presence of eminent experts such as Balakrishnan Athiyaman, Head, Supercomputing Division, Ministry of Earth Sciences, India; Srinivas Singh, Director, ABV-IIITM Gwalior; J. Ramkumar, Professor, IIT Kanpur; and Satish Kumar Singh, Associate Professor, IIIT Allahabad.

The deliberations and interactions throughout the conference underscored the pivotal role of research and innovation in driving societal progress and strengthening India's journey toward an innovation-led and technology-driven future.



IEEE Second International Conference on Advancements and Key Challenges in Green

Energy and Computing (AKGEC 2024)

A three-day IEEE International Conference on Advancements and Key Challenges in Green Energy and Computing (AKGEC 2024) was organized by the Department of Electrical & Electronics Engineering from 21–23 November 2024. The conference aimed to foster innovation and collaboration to accelerate the global green energy transition. Key deliberations focused on challenges in scaling renewable energy projects, recent technological advancements, and the integration of sustainable solutions into existing infrastructure.

The conference featured parallel technical track presentations over three days, providing a vibrant platform for researchers and participants to present their innovative studies across diverse themes. A notable highlight was the tutorial session conducted by Sreejith S., NIT Silchar, and Shakila B., NIT Nagaland, which enriched participants with practical insights. The highlight of Day One was the Special Interest Group on Humanitarian Technology (SIGHT) poster presentation activity—an entirely student-driven initiative organized by IEEE AKGEC volunteers. This activity showcased socially impactful projects, emphasizing technology-driven solutions for real-world humanitarian challenges.

Day Two featured a hands-on tutorial on Battery Management Systems (BMS) and Its Implementation in MATLAB led by Soumya Shubhra Nag. A Young Professionals (YP) session, conducted by Vikas Garg, Professor, CHRIST University, provided early-career professionals a platform to share perspectives on emerging opportunities and challenges in the green energy sector. The highlight of the day was the Industry–Academia Panel Discussion on “*Integrating Innovations: Overcoming Challenges in Green Energy Transition*”, moderated by Ashish Srivastava, Professor, SVSU. The eminent panelists included Meenu Singhal, Regional Managing Director, Socomec; R. Balasubramanian, Former Professor, IIT Delhi; Ritu Lal, Client Partner, Infrastructure and Energy Practices, Amrop India; Vineet Bhatia, Executive Director, Energy and Renewables, Grant Thornton Bharat LLP; and Sumit Koriwal, Regional Manager (Sales), Fronius India Pvt. Ltd.

The final day of the conference was marked by insightful keynote sessions and dynamic technical presentations. A key attraction was the Women in Engineering (WIE) Meet and Greet Program, organized by the IEEE UP Section, fostering dialogue on inclusion, leadership, and professional growth of women in engineering.

The conference was graced by several distinguished dignitaries. Dinesh Jagdale , Former Joint Secretary, Ministry of New and Renewable Energy (MNRE), was the Inaugural Chief Guest. Mohd. Rihan , Director General, National Institute of Solar Energy (NISE), MNRE, and Sanjeev Kaul , Executive Vice President and Head – Green Hydrogen, Jackson Greens, served as Inaugural Guests of Honour.

The Valedictory Session featured Reji Kumar Pillai , President, India Smart Grid Forum, as the Chief Guest, along with Vipin Chandra Shukla , Scientist ‘G’ and Head (A2K+), Department of Scientific & Industrial Research (DSIR), and Arpit Sharma , CEO, Skill Council for Green Jobs, as Guests of Honour.

The conference featured distinguished keynote speakers, including Akshay K. Rathore , IEEE Fellow and Professor, Singapore Institute of Technology (SIT), Singapore, as the International Inaugural Keynote Speaker; Mohan Lal Kolhe , Professor, Smart Grid & Renewable Energy, University of Agder, Norway; B. K. Panigrahi , Professor, IIT Delhi and Founding Head of CART; Rajiv Kumar Porwal , Director (Systems Operations), Grid India; A. K. Saxena , Senior Director, Electricity and Renewables, TERI; and R. Balasubramanian , Former Professor, IIT Delhi.

Overall, AKGEC 2024 successfully brought together academia, industry, policymakers, and young professionals to deliberate on critical challenges and transformative opportunities in green energy and computing, reinforcing the collective commitment toward a sustainable and innovation-driven future.



IEEE International Conference on Next Generation Information System Engineering (NGISE 2025)

A two-day **IEEE International Conference on Next Generation Information System Engineering (NGISE 2025)** was organized by the Department of Information Technology on 28–29 March 2025. The conference aimed to serve as a premier platform for researchers, industry professionals, and academicians to explore the latest advancements and innovations in Information System Engineering. NGISE 2025 brought together global thought leaders and experts to deliberate on emerging technologies, foster interdisciplinary collaboration, and address the challenges and opportunities shaping the future of digital systems.

The conference received an impressive **712 research paper submissions**, out of which **111 high-quality papers** were selected for presentation. Through these technical sessions, the conference highlighted cutting-edge developments in **Artificial Intelligence, Quantum Computing, and Next-Generation Information Systems**, reflecting both academic rigor and industry relevance.

A significant highlight of the event was the **Women in Engineering (WIE) Meet & Greet**, which provided a vibrant platform for dialogue on leadership, inclusion, and innovation. The session was graced by S. N. Singh, Director, ABV-IIITM Gwalior, whose inspiring address motivated participants, alongside Smita Sharma, Chair, WIE IEEE UP Section. The interactions encouraged meaningful discussions on professional growth and leadership in engineering and technology.

The conference concluded with a valedictory session, once again addressed by S. N. Singh, who shared visionary insights on the evolving landscape of information systems and technological innovation, marking NGISE 2025 as a landmark event for knowledge exchange and collaboration.



Distinguished Guests and Speakers

The conference was honored by the presence of eminent national and international dignitaries, including:

- **Chuan-Yu Chang**, Taiwan – Inaugural Chief Guest and Keynote Speaker
- **Satish Kumar Singh**, IIIT Allahabad – Guest of Honour
- **Dirk Draheim**, Estonia – International General Chair
- **Salvatore Sinno**, USA – Keynote Speaker
- **Pavan Kumar Adep**, Amazon, USA – Keynote Speaker
- **Markus Bertl**, Austria – Panelist
- **Silvia Lips**, Estonia – Panelist
- **Rozha Kamal Ahmed**, Iraq – Panelist

Overall, **NGISE 2025** successfully created a vibrant ecosystem for academic discourse, industry interaction, and global collaboration, reinforcing the institution's commitment to advancing research excellence and technological innovation in Information System Engineering.



Convergence of Applied Sciences in Engineering & Technology (COASET-2025)

A two-day international conference titled **Convergence of Applied Sciences in Engineering & Technology (COASET-2025)** was organized by the Department of Applied Sciences & Humanities on 27–28 June 2025, in association with the Institution of Electronics and Telecommunication Engineers (IETE), Noida Centre. The conference aimed to bring together researchers, academicians, industry professionals, and students on a common platform to deliberate on the integration and application of diverse branches of applied sciences in engineering and technology.

The conference received **147 abstracts**, of which **117 were accepted**. Subsequently, **95 full-length research papers** were submitted, and after a stringent single-blind peer review process, **73 papers** were accepted for oral presentation. These papers were presented across **six technical sessions**, some of which were conducted in parallel. Of the total presentations, **28 papers were presented online**, while **35 were presented in offline mode**, reflecting the hybrid nature of the conference.

A special highlight of the second day was the **student poster presentation session**, where **15 student teams** showcased innovative projects aligned with the conference themes. The posters demonstrated the creativity, research aptitude, and presentation skills of young researchers, adding significant academic value to the event.

Distinguished Guests and Speakers

The conference was graced by several eminent dignitaries from academia, industry, and public service. **Sunil**, President, IETE, served as the Inaugural Guest of Honour, while **Krishna Kumar Dixit**, Retired Deputy Commissioner, Government of India, was the Inaugural Chief Guest. The Inaugural Keynote Address was delivered by **Brajesh Pandey**, Executive Director, INSA, New Delhi.

The conference featured distinguished international speakers, including **Rohit** from the United Kingdom, **Sachin Kumar**, University of Scotland, and **Shailendra Rathore**, United Kingdom. National speakers included **Shailesh Mishra**, Technical Director, Otrinee Pvt. Ltd.; **Vivek Chadha**, Founder, Accelerate X Ventures; and **Jai Prakash**, Professor, Aligarh Muslim University.

ACADEMIA FIRMAMENT

The Valedictory Session was honored by the presence of **P. K. Srivastava**, Air Vice Marshal; **V. K. Pandey**, Brigadier; and **G. P. Singh**, who shared valuable insights and encouraged continued interdisciplinary collaboration.

Overall, **COASET-2025** successfully fostered meaningful academic exchange and interdisciplinary dialogue, reinforcing the importance of applied sciences in addressing contemporary engineering and technological challenges.



RESEARCH AND DEVELOPMENT

Research Papers Published by the Faculty Members

The college encourages its faculty members and students to undertake high quality research in newly emerging areas of engineering, technology, science and humanities. In 2024-25, the faculty members at AKGEC have published the following list of research papers in refereed journals and conferences at national and international level:

1. Pawan Kumar, Jaishree Jain, Updesh Jaiswal, Beerbal Solanki. “Childhood Asthma Disease Prediction Using Classification Algorithms of Supervised Machine Learning.” 1st International Conference on Advanced Computing & Emerging Technologies (ACET) 23-24 August, 2024 IEEE Conference.
2. Ramveer Singh, Rahul Sharma, Shailbha Chaudhary, Deepika Yadav, Jaishree Jain, Pawan Kumar. “Performance Analysis of Liver Disease Prediction Using Supervised Machine Learning Classification Models.” 1st International Conference on Advanced Computing & Emerging Technologies (ACET) 23-24 August, 2024 IEEE Conference.
3. Pawan Kumar, Jaishree Jain, Neeharika Tripathi, Amrita Tiwari, Ashish Dixit, Deepika Yadav. “Performance Analysis of Diabetes Disease Prediction Using Machine Learning Classification Algorithms.” 1st International Conference on Advances in Computing, Communication and Networking (ICAC2N2024), 16-17 Dec 2024 IEEE Conference.
4. Murali Mohana Krishna Dandu, Jaishree Jain, Santhosh Vijayabaskar, Punit Goel, Ashwini Shivarudra, Sachin Bhatt. “Assessing the Impact of Data Imbalance on the Predictive Performance of Machine Learning Models” 7th International Conference on Contemporary Computing and Informatics (IC3I-2024) 18-20 Sep-2024,
5. Jaishree Jain, Inderjeet Kaur. “Exploring the Cloud and Fog: Addressing Security Risks in AI Applications.” 2nd International Conference on Advancements and Key Challenges in Green Energy and Computing (AKGEC) 21-23-Nov-2024, IEEE Conference.
6. Yogendra Narayan Prajapati, Sanjay Sonker, Prem Prakash Agarwal, Jaishree Jain, Manoj Kumar, Manu Singh. “Brain Tumor Detection and Classification Using Deep Learning on MRI Images” 2nd International Conference on Computational Intelligence, Communication Technology and Networking (CICTN2025) 06-07 Feb-2025 IEEE Conference.

7. Jaishree Jain, Pawan Kumar, Sharvan Kumar, Mani Dublish, Vinod kumar. “Harnessing LSTM Networks for predictive analysis in Stock market Dynamics.” 2nd International Conference on Cutting Edge Technology in Computing, Communications and Intelligence 28-29-Mar2025
8. Riya Chauhan, Kapish Goel, Shashank Sahu, Jaishree Jain. “Neuralink Unleashed: Navigating the Intersections of Technology, Humanity, and Nature” 2nd International Conference on Cutting Edge Technology in Computing, Communications and Intelligence (28-Mar-2025 to 29-Mar-2025) Scopus Conference.
9. Sudhanshu Maurya, Princy Diwan , Anuradha Dhumale , Kamna Singh, Vibha Srivastava and Jaishree Jain. “Energy-efficient distributed systems for large-scale data processing.” Parul University International Conference on Engineering and Technology 2025 (PiCET 2025) (23-May-2025 to 23-May-2025) Scopus Conference.
10. Jaishree Jain, Inderjeet Kaur, Updesh Kumar Jaiswal,Arvind Goutam, Eshank Jain. “Unveiling Customer Churn Patterns in the Telecommunication Industry: An In-Depth Analytical Approach.” International Conference on Recent Trends in Intelligent Computing and Communication ICRTICC-2025, 20- 21Feb2025
11. Shaista Hasan, L. K. Tiwari, Aastha Sharma,Dr. Saroj Kushwah,Dr. Jaishree Jain,Updesh Kumar Jaiswal. “Analyzing Consumer Behavior through Big Data to Enhance Retail Marketing Strategies.” 3rd International Conference On The Networks And Cryptology (NETCRYPT-25), 29- 31May2025
12. Vishan Kumar Gupta; Avdhesh Gupta; Sarvesh Vishwakarma; Arvind Singh Negi. “Activity Identification of Androgen Receptor Ligand Binding Domain Using Voting-Based Ensemble Learning.” 2024 IEEE International Conference on Information Technology, Electronics and Intelligent Communication Systems (ICITEICS) 28-29 Jun 2024
13. S Singh, A Gupta, A Chaudhary. “Enhancing Quantum Resistance: Entanglement Swapping in Quantum key distribution and blockchain infrastructure.” 2024 Asian Conference on Intelligent Technologies (ACOIT), 06-07-Sep 2024, International Conference.
14. Anuj Kumar, Payal Chhabra, Jyoti Sharma, and Rajani Singh. “Accident Detection and Alerting System Using IoT” Proceedings of International Conference on Recent Trends in Computing (ICRTC) ,

15. Anuj Kumar, Jyoti Sharma, Mukulit Goel, Manish Kumar, Vikas Chaudhary. "The smart power optimization for sensor based wearable IoT devices using AI based deep learning." 2nd IEEE International Conference on IoT, Communication and Automation Technology (ICICAT 2024). 23- 24 Nov 2024
16. Anuj Kumar, Mukulit Goel, Jyoti Sharma, Pooja Pandey, Manish Kumar. "An improved energy optimization model for sensitive IoT devices using clustered machine learning." 2nd International Conference on Computational Intelligence, Communication Technology and Networking (CICTN2025), 06- 07 Feb 2025)
17. Anuja Dixit; Sachin Jain; Ahmad Kazmi; Aakanksha; Km Manorama. "Gesture Based Model using Deep Learning.", 2024 1st International Conference on Advanced Computing and Emerging Technologies (ACET), 23- 24 Aug 2024
18. Pawan Kumar, Jaishree Jain, Updesh Jaiswal, Beerbal Solanki. "Childhood Asthma Disease Prediction Using Classification Algorithms of Supervised Machine Learning." In 2024 1st International Conference On Advanced Computing & Emerging Technologies (ACET) 23- 24 Aug 2024
19. Varsha, Akhilesh Verma. "Voice and Speech in Parkinson's Disease: Advancements in Early Diagnosis and Treatment", International Conference On Computing And Communication Networks (ICCCNet-2024), 17- 18 Oct 2024
20. Varsha, Akhilesh Verma. "Integrated Speech Signal Features for Accurate Machine Learning-Based Parkinson's Disease Detection" 1st International Conference on Advances in Computing, Communication and Networking (ICAC2N - 24), 16- 17 Dec 2024
21. Satyam Gupta, Upendra Yadav, Shashank Sahu, Akhilesh Verma, Ayushi Prakash. "Novel AI-Based Mock Virtual Interview Model." International Conference on Data Science & Exploration in Artificial Intelligence, 03–04 July 2024.
22. Sneha Vasisht, Akhilesh Verma, Sneha Gupta, Uditya Prakash, Shubhanshu. "Polycystic Ovary Syndrome: Challenges, Advancements, and Future Directions in Women's Health." 9th International Conference on Information and Communication Technology for Intelligent Systems, 04–06 April 2025.
23. Bihari Nandan Pandey, Mahima Shanker Pandey, Brijesh Pandey. "An Identification Technique for Diseases of Medicinal Plants." 7th International Conference on Contemporary Computing and Informatics, 18–20 September 2024.
24. Akshit Tyagi, Govind Aggarwal, Hardik Agarwal, Ananya Agarwal, Sonam Gupta, Pradeep Gupta. "Advancements in Cartoonification Techniques: A Comprehensive Review of GAN-Based Algorithms and Comparative Analysis." 4th International Conference on Innovation in IoT, Robotics and Automation, 15–16 March 2024.

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40. P. Singh, A. Asthana, B. Solanki, S. Tomar, M. Kansal, and G. Tyagi, "A comprehensive analysis and sensitivity model for emotion detection in text," Applications of Artificial Intelligence in 5G and Internet of Things. CRC Press, 2025

Patents

Faculty Name	Title of Patent/Design	Patent/Design Publication Number/ Patent Granted Number	Patent/Design Published Date/ Granted Date (DD/MM/YYYY)	Status of Patent (Filed/ Published/ Granted)
Mr. Manish Kumar	A system and method for enhancing big data quality using process pattern model	202411054754	02-08-2024	Published
Mr. Manish Kumar	Machine learning based device for diabetes prediction	431372-001	02-8-2024	Design
Dr.Nishant Kumar Pathak	Algebraic graph analyzer	425701-001	03-08-2024	Published
Dr. Neelesh Kumar Gupta	AI Based Plant Extract Analyzing Device To Identify Disease	417887-001	05-08-2024	Granted
Dr. Jaishree Jain	IoT-based intelligent energy management for hybrid	202411057111	09-08-2024	Published

Faculty Name	Title of Patent/Design	Patent/Design Publication Number/ Patent Granted Number	Patent/Design Published Date/ Granted Date (DD/MM/YYYY)	Status of Patent (Filed/ Published/ Granted)
Mr. Vikas	AI based wireless door bell	202411056571	09-08-2024	Published
Ms. Nikita Jaiswal Ms. Kshama Shukla	Bioremediation Device for Metal Recovery	428727/001	29-08-2024	Granted
Mr. Ravindra Kumar Mr. Arun Kumar Maurya	System And Method to Autonomously Purify and Monitor Air Quality Using Ai-Enhanced Technology	202411063053	30-08-2024	Published
Mr. Arun Kumar Maurya	System And Method for Ai-Enhanced Navigation, Safety and Mobility Of Elderly and Blind Individuals	202411063054	30-08-2024	Reply Filed.
Mr. Arun Kumar Maurya Dr. Nitisha Srivastava	Smart Shopping Cart System With Ai-Powered Navigation, Checkout and Personalized Recommendations	202411063055	30-08-2024	Granted Application, Patent Number :569261
Mr. Arun Kumar Maurya Mr. Parveen Kumar Dhull	Automatic Rain Shed System With Ai-Driven Predictive Control and Safety Monitoring	202411063056	30-08-2024	Reply Filed.
Mr. Arun Kumar Maurya Mr. Parveen Kumar Dhull	A System and a Method to Enhance Security Using Ai-Laser Light Detection	202411063057	30-08-2024	Granted Application, Patent Number :564636
Mr. Arun Kumar Maurya Mr. Parveen Kumar Dhull	System And Method to Dynamically Adjust Interior Lighting In Electric Vehicles	202411063103	30-08-2024	Published
Mr. Arun Kumar Maurya Mr. Parveen Kumar Dhull	Ai-Enhanced LPG Gas Leak Detection System With Remote Alerts and Adaptive Learning	202411063104	30-08-2024	Published
Mr. Arun Kumar Maurya Mr. Parveen Kumar Dhull	System And Method for Assisting Navigation of Visually Impaired Individuals	202411063105	30-08-2024	Reply Filed. Application in amended examination
Mr. Arun Kumar Maurya Mr. Parveen Kumar Dhull	System And Method for Navigation and Mobility for Visually Impaired Individuals Using Smart Glasses	202411063106	30-08-2024	Granted Application, Patent Number :567017

Faculty Name	Title of Patent/Design	Patent/Design Publication Number/ Patent Granted Number	Patent/Design Published Date/ Granted Date (DD/MM/YYYY)	Status of Patent (Filed/ Published/ Granted)
Dr. Sachin Jain	Deep learning and federated learning-enhanced model for automated brain tumor classification	202411064109	30-08-2024	Published
Mr. B N Pandey	Deep learning and federated learning-enhanced model for automated brain tumor classification	202411064109	30-08-2024	Published
Dr. Rupa Rani	Activity-based travel demand modeling system using apache kafka and spark	202411060717	30-08-2024	Published
Dr. Sachin Jain	Secure and traceable public transportation system using rfid and big data technology	202411064874	13-09-2024	Published
Dr. Anuradha Taluja	Integrative system and method for medical image analysis and summarization with deep learning and nl	202411064876	13-09-2024	Published
Dr. Anuradha Taluja	A secure and transparent blockchain based e-voting system and method thereof	202411064872	13-09-2024	Published
Dr. Santosh Kumar Upadhyay	Crop yield prediction system for precision agriculture optimization	202411064867	13-09-2024	Published
Dr. Rupa Rani	Secure and traceable public transportation system using RFID and big data technology	202411064874	13-09-2024	Published
Dr Pawan	A based heart disease prediction device	427391-001	25-09-2024	Granted
Dr. Vani Bhargava Ms. Navjyoti Sharma	Smart Helmet System	202411068283	27-09-2024	Published
Dr. A K Rai	Mobile Robot Navigation System	202411068278	27-09-2024	Published
Dr. Vani Bhargava Ms. Navjyoti Sharma	System for Integrating Electric Vehicles With a Power Grid	202411068279	27-09-2024	Published
Dr. Sachin Jain	Gesture based control of presentation slides using machine learning	202411068280	27-09-2024	Published
Ms. Mahima Saxena	System for generating image captions	202411068276	27-09-2024	Published
Dr Pawan	AI based electrical simulation devices	427392-001	03-10-2024	Granted

Faculty Name	Title of Patent/Design	Patent/Design Publication Number/ Patent Granted Number	Patent/Design Published Date/ Granted Date (DD/MM/YYYY)	Status of Patent (Filed/ Published/ Granted)
Dr. Anju Mishra	A system and method for IoT-based library automation and adaptive environment management	202411071123	04-10-2024	Publish
Dr. Nandita Goyal	A system and method for IoT-based library automation and adaptive environment management	202411071123	04-10-2024	Publish
Dr. Pradeep Jain	Modullar Lattice Additive manufacturing System	202411070624	04-10-2024	Published
Dr. Pradeep Jain	Modullar Nozzele exchange system	202411070625	04-10-2024	Published
Dr. Pradeep Jain	Directed Energy deposition system	202411070626	04-10-2024	Published
Dr. Pradeep Jain	Dynamic Presission control system	202411070627	04-10-2024	Published
Dr. Pradeep Jain	Wire Arc additive manufacturing arrangement	202411070628	04-10-2024	Published
Dr. Rupa Rani	Anomaly detection in wireless sensor network for cyber security using ai	427392-001	04-10-2024	Published
Mr. Pradeep Kumar Tripathi	Interface device for AI CHATBOT Applications	433573-001	11-10-2024	Published
Mr. Pancham Singh	Hybrid Approaches To Enhancing Model Efficiency For Youth Mental Health Protection	202411071494	11-10-2024	Published
Dr. Karunesh	Dynamic Traffic Signal Control System and Method with Real-Time Emergency Vehicle Prioritization and Optimization	202411072320	11-10-2024	Published
Mr. Gaurav Kumar	Hybrid approaches to enhancing model efficiency for youth mental health protection	202411011494	11-10-2024	Published
Mr. Harnit Saini	Hybrid approaches to enhancing model efficiency for youth mental health protection.	202411071494	11-10-2024	Published
Mr. Shivpratap Singh Kushwah	Computer vision-based wearable glasses device	433698-001	12-10-2024	Published
Ms. Gunjan Saxena	AI-IoT enabled monitoring device for diabetic patients	202411078751	16-10-2024	Published
Mr. Amit Kumar	AI-IoT enabled monitoring device for diabetic patients	202411078751 A	16-10-2024	Published

Faculty Name	Title of Patent/Design	Patent/Design Publication Number/ Patent Granted Number	Patent/Design Published Date/ Granted Date (DD/MM/YYYY)	Status of Patent (Filed/ Published/ Granted)
Dr. Jaishree Jain	System for recognizing handwritten text in medical prescriptions	202411074096	18-10-2024	Published
Mr. Ashish Kumar	Ticketing system for public transportation	202411074095	18-10-2024	Published
Dr. Yogendra Narayan Prajapati	Artificial intelligence based device dection of cardiac detection	432522-001	20-10-2024	Design
Dr Parul Verma	Bioremediation Device For Metal Recovery	428727-001	24-10-2024	Published
Mr. Vikas	AI-IoT enabled monitoring device for diabetic patients	202411078751	25-10-2024	Published
Mr. Amit Kumar	AI-IoT enabled monitoring device for diabetic patients	202411078751	25-10-2024	Published
Ms. Dhanshri Parihar	AI-IoT enabled monitoring device for diabetic patients	202411078751	25-10-2024	Published
Mr. Pradeep Kumar Tripathi	A System With Efficient Interface For Anomaly Detection In Big Data And Method Thereof	202411079612 A	01-11-2024	Published
Mr. Arun Kumar Maurya	Animatronic robotic arm for enhanced precision and adaptability in chemical industry applications	202411079742	01-11-2024	Published
Mr. Arun Kumar Maurya	Automatic street light system with ldr and ir sensor-based energy optimization and method thereof	202411079743	01-11-2024	Published
Mr. Arun Kumar Maurya Mr. Parveen	vehicle-to-vehicle IOT charger for emergency	202411079747	01-11-2024	Published
Mr. Arun Kumar Maurya	Adaptive e-two-wheeler	202411079750	01-11-2024	Published
Mr. Arun Kumar Maurya	IOT-based industrial safety monitoring system for hazard detection and real-time alerts	202411079748	01-11-2024	Published
Dr. Karunesh	Integrated Cooling Fan And Solar-Powered Wireless Charging System For Electric Vehicles And Method Thereof	202411079746	01-11-2024	Published
Dr Akhilesh Verma	A system with efficient interface for anomaly detection in big data and method thereof	202411079612 A	01-11-2024	Published

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Mr. Harnit Saini	A system with efficient interface for anomaly detection in big data and method thereof.	202411079612	01-11-2024	Published
Ms. Mili Srivastava	“Blockchain Enhanced Crowdfunding System and Method Thereof”	202411081681	08-11-2024	Published
Mr. Arun Kumar Maurya	Dynamo-integrated emergency charging system for electric vehicles and method thereof	202411081682	08-11-2024	Published
Mr. Arun Kumar Maurya	Real-Time Object Detection System for Accurate Identification in Dynamic Environments and method thereof	202411081676	08-11-2024	Published
Mr. Arun Kumar Maurya	Advanced Electromagnetic Braking System for Enhanced Reliability and Safety in Vehicles	202411081677	08-11-2024	Published
Mr. Arun Kumar Maurya Dr. Nitisha Shrivastava	AI-powered electrical concept explanation and circuit analysis assistant with adaptive multi-modal learning system	202411081678	08-11-2024	Published
Ms. Dhanshri Parihar	Automated face recognition attendance system and working method thereof	202411081679	08-11-2024	Published
Ms. Mahima Saxena	Automated face recognition attendance system and working method thereof	202411081679	08-11-2024	Published
Ms. Nikita Jaiswal	Automated Rebar Tying Apparatus for Reinforcement Installation	202411083032	15-11-2024	Published
Ms. Anubha Gupta	Multi-Axis Soil Compaction Apparatus for Ground Stabilization	202411083250	15-11-2024	Published
Ms. Kshama Shukla	System For Precision Concrete Pouring in Complex Structure	202411083263	15-11-2024	Published
Dr. Suman Gothwal	Material Discharge Apparatus with Rotary Scraper Assembly for Residue Removal	202411083242	15-11-2024	Published

Faculty Name	Title of Patent/Design	Patent/Design Publication Number/ Patent Granted Number	Patent/Design Published Date/ Granted Date (DD/MM/YYYY)	Status of Patent (Filed/ Published/ Granted)
Dr. Dinanath Prasad	A basket position registration method for an elevator device	202411083252	15-11-2024	Published
Mr. Mahendra Dutt Dwivedi	Electric toothbrush with real-time oral health monitoring	202411083251	15-11-2024	Published
Mr. Neeraj Gupta	Intelligent vacuum cleaner	202411083254	15-11-2024	Published
Mr. Arun Kumar Maurya	Robot for correcting heat generation value	202411083049	15-11-2024	Published
Mr. Ritesh Sharma	IOT- based air flow rate management	202411083053	15-11-2024	Published
Mr. Ravindra Kumar	Fault location determination in solar cell	202411083052	15-11-2024	Published
Ms. Nidhi Singh	Improvise solar cell efficiency by angular shift assessments	202411083054	15-11-2024	Published
Ms. Navjyoti Sharma	Electronic clothing for human	202411083046	15-11-2024	Published
Mr. Praveen Kumar Dhull	Numerical control device for counting vibrations	202411083038	15-11-2024	Published
Dr. Jitender Chhabra Mr. Prashant Singh	Solar Energy System with Heating and Humidity Sensing for Water Level Regulation	202411083258	15-11-2024	Published
Ms. Neha Garg	Electrostimulation Apparatus with Magnetic Field Modulation	202411083249	15-11-2024	Published
Dr. Ekta Pandey	Automatic Weighing Machine Integrated in to a Sugar Cane Truck By Using Blockchain	202411086118	22-11-2024	Published
Mr. Pancham Singh	Automatic Weighing Machine Integrated Into A Sugarcane Truck By Using Blockchain	202411086118	22-11-2024	Published
Mr. Arun Kumar Maurya Ms. Nupur Mittal Ms. Nidhi Singh	Method for sustainable energy generation via piezoelectric tiles harnessing footsteps and vehicle vibrations	202411085539	22-11-2024	Published
Mr. Neeraj Gupta Mr. Mahendra Dutt Dwivedi	Automated Pneumatic Sorting and Stamping System for Product Manufacturing	202411085541	22-11-2024	Published
Dr. Lokesh Varshney Mr. Neeraj Gupta	Unmanned Aerial Vehicle (UAV) System for Real-Time Crop Disease Detection	202411085542	22-11-2024	Published
Mr. Arun Kumar Maurya	Customizable Automatic Watering System for Enhanced Plant Care and Reduced Water Waste	202411085340	22-11-2024	Published

Faculty Name	Title of Patent/Design	Patent/Design Publication Number/ Patent Granted Number	Patent/Design Published Date/ Granted Date (DD/MM/YYYY)	Status of Patent (Filed/ Published/ Granted)
Mr. Arun Kumar Maurya	Solar Tracker for Reliable, Power-Free Solar Panel Positioning	202411085538	22-11-2024	Published
Ms. Pooja Mishra Dr. Ritish Kumar Dr. Amita Asthana Mr. Naveen Kumar Saini	Telemedicine Device for Patient Health Monitoring	429334-001	22-11-2024	Published
Mr. Neeraj Sharma	Ai-Based Real-Time Hand Gesture Recognition System	202411085336	22-11-2024	Published
Dr. Sachin Jain	Music genre classification system based on machine learning and deep learning	202411085337	22-11-2024	Published
Dr. Sachin Jain	AI-based system for early detection of breast cancer using deep learning	202411085339	22-11-2024	Published
Dr. Sachin Jain	Deepfake image detector system based on machine learning and deep learning	202411085341	22-11-2024	Published
Dr. Sachin Jain	Credit card approval system based on machine learning algorithms	202411085342	22-11-2024	Published
Mr. Eshank Jain	Automatic weighing machine integrated into a sugarcane truck using blockchain	202411086118	22-11-2024	Published
Mr. Beerbal Solanki	Automatic weighing machine integrated into a sugarcane truck by using blockchain	202411086118	22-11-2024	Published
Dr. Ajay Pratap Singh	Fuel Injector for Precise Fuel Delivery	438234 - 001	23-11-2024	Granted
Mr. Pancham Singh	Machine Learning Based Device For Diabetes Prediction	431372-001	28-11-2024	Granted
Dr. Namrata Gangil	Shape Memory Alloy Reinforced Functionally Graded Material Fabrication by Friction Stir Processing	202011010932	28-11-2024	Granted
Mr. Abhishek Tiwari	Internet Of Things Based Utensil with Automatic Temperature Control	202411089785	29-11-2024	Published
Dr. Naresh Kumar	Water Surface Cleaning Boat using IoT with Electricity Generator and Multi-Feature Design for Enhanced Efficiency	202411089788	29-11-2024	Published

Faculty Name	Title of Patent/Design	Patent/Design Publication Number/ Patent Granted Number	Patent/Design Published Date/ Granted Date (DD/MM/YYYY)	Status of Patent (Filed/ Published/ Granted)
Mr. Himanshu Nagpal	System and Method For Minimizing IoT Security Risks and Management	202411089779	29-11-2024	Published
Dr. Prashant Mani Tripathi	Wearable Assistance Device For Visual And Hearing-Impaired Individual	202411089783	29-11-2024	Published
Dr. Jitender Chhabra	IoT (Internet Of Things) Based Waste Management System and Method Thereof	202411089786	29-11-2024	Published
Mr. Neeraj Sharma	IoT And Blockchain Technology Based Fake Product Detection System And Method Thereof	202411089782	29-11-2024	Published
Mr. Sandeep Yadav	Machine learning based device for diabetes prediction	431372-001	29-11-2024	Design
Dr. Pankaj Goel	Fully Automatic Cooker Whistle Counter Device with Rotating Internal Base for Mixing Ingredients	202411090373	06-12-2024	Published
Dr. Sonam Gupta	Artificial intelligence-based fuel station and vehicle system for financial management and e-commerce payment management	202411090740	06-12-2024	Published
Dr. Avdhesh Gupta	Artificial intelligence and machine learning based system for automating employee management and work information in organizations	202411090839	06-12-2024	Published
Mr. Achintya Kumar Pandey	Machine Learning Based Device For Training Students	433343-001	09-12-2024	Granted
Mr. Pancham Singh	Machine Learning Based Device For Training Students	433343-001	09-12-2024	Granted
Mr. Updesh Kumar Jaiswal	Machine learning based device for training students	433343-001	09-12-2024	Granted
Dr. Nishant Kumar Pathak	AI-powered image analysis device	440050-001	10-12-2024	Published
Dr. Rupa Rani	IoT based smart nutrient meter for green house echinacea purpurea cultivation	440057-001	10-12-2024	Granted
Ms. Rekha Baghel	IoT based smart nutrient meter for echinacea purpurea cultivation	440057-001	10-12-2024	Granted
Mr. Achintya Kumar Pandey	Interface Device for AI Chatbot Applications	433573-001	13-12-2024	Granted

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Mr. Pancham Singh	IoT Driven Smart Stretcher System (Projsha Circuit)	202411099485	30-12-2024	Published
Mr. Shailendra Singh Ojha	Spacetime CurvNet: ML Framework for Ontology-Driven Spacetime Curvature Prediction and Educational Insights	202431102344A	03-01-2025	Published
Ms. Gunjan Saxena	IoT-based attendance monitoring device using esp32 and rfid	202411102964	03-01-2025	Published
Ms. Manisha Rai	IoT-based attendance monitoring device using esp32 and RFID	202411102964A	03-01-2025	Published
Mr. Sandeep Yadav	IoT driven smart stretcher system	202411099485	03-01-2025	Published
Mr. Amit Kumar	IoT-based attendance monitoring device using esp32 and RFID	202411102964 A	03-01-2025	Published
Mr. Gaurav Kumar	IoT driven smart stretcher system (projsha circuit)	202411099485	03-01-2025	Published
Mr. Pushkal kumar Shukla	IoT driven smart stretcher system	202411099485	03-01-2025	Published
Mr.Nikhil Kumar	IOT Driven Smart Stretcher System (Projsha Circuit)	202411099485 A	03-01-2025	Published
Mr. Anuj Kumar	Computer vision-based wearable glasses device	433698-001	13-01-2025	Published
Mr. Ashish Kumar	Computer vision based electronic wearable glasses device	433698-001	13-01-2025	Design
Mr. Pronab Kumar Adhikari	Computer vision-based wearable glasses device	433698-001	13-01-2025	Granted
Ms.Sheradha Jauhari	Computer Vision Based Wearable Glasses Device	433698-001	17-01-2025	Granted
Ms.Sheradha Jauhari	Computer Vision-Based Wearable Glasses Device	433698-001	17-01-2025	Granted
Ms. Chelsi Sen	An online platform for easy management scrap by using machine learning	202511004600	20-01-2025	Publish
Anupam Kumar Saini	An Indian patent on “An online platform for Easy Management of Scrap by using Machine Learning	202511004600	20-01-2025	Filed
Dr. Alok Vardhan	AI-Based Virtual Reality (VR) and Augmented Reality (AR) Device	437059-001	21-01-2025	Published

Faculty Name	Title of Patent/Design	Patent/Design Publication Number/ Patent Granted Number	Patent/Design Published Date/ Granted Date (DD/MM/YYYY)	Status of Patent (Filed/ Published/ Granted)
Ms. Mili Srivastava	Machine Learning Based Health Monitoring Wearable Device	435304-001	28-01-2025	Filed
Dr Pawan	Computer vision based electronic wearable glasses device to help blind people	439279-001	30-01-2025	Granted
Mr. Vivek Agarwal	Computer vision based electronic wearable glasses device to help blind people	439279-001	30-01-2025	Granted
Ms. Ankita Singh	Distributed Model System For Coconut Disease Diagnosis using Federated Learning Techniques	202411098990	31-01-2025	Published
Mr. Achintya Kumar Pandey	An Online Platform for easy Management of Scrap by using Machine Learning	202511004600	31-01-2025	Published
Ms. Ankita Singh	Distributed Model System for Coconut Disease Diagnosis using Federated Learning Techniques	202411098990 A	31-01-2025	Publish
Mr. Achintya Kumar Pandey	An Online Platform for easy Management of Scrap by using Machine Learning	202511004600	31-01-2025	Publish
Dr. Sachin Jain	Distributed model system for coconut disease diagnosis using federated learning techniques	202411098990	31-01-2025	Published
Mr. Sandeep Yadav	Novel framework for health monitoring system	202511002239	31-01-2025	Published
Mr. Shivpratap Singh Kushwah	Novel framework for health monitoring system	202511002239 A	31-01-2025	Published
Mr. Gaurav Kumar	An online platform for easy management of scrap by using machine learning	202511004600	31-01-2025	Published
Dr. Jaishree Jain	AI enhanced robotics arm for precision engineering	436628-001	06-02-2025	Granted
Mr. Anuj Kumar	Artificial intelligence-based fraud detection system	202511004200	14-02-2025	Published
Mr. Mradul Kumar Jain	Live sentiment analysis framework for social media data	202511002296	14-02-2025	Published
Ms. Swati Tomar	Artificial intelligence-based fraud detection system	202511004200	14-02-2025	Published
Mr. Manoj Kumar	Artificial intelligence-based fraud detection system	202511004200	14-02-2025	Published
Mr. Beerbal Solanki	Artificial intelligence-based fraud detection system	202511004200	14-02-2025	Published

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Dr. Yogendra Narayan Prajapati	Artificial intelligence-based fraud detection system	202511004200	14-02-2025	Published
Dr Akhilesh Verma	A blockchain enabled smart contract power auction system	202511002296	14-02-2025	Published
Dr. Ashish Dixit	A blockchain enabled smart contract power auction system	202511002296	14-02-2025	Published
Dr.Nishant Kumar Pathak	AI-powered quantum network enhancer	440579-001	14-02-2025	Published
Dr Anupama Sharma	Intelligent IoT-Enabled Wearable Device For Children	202511010808	21-02-2025	Published
Mr. Arun Kumar Maurya Dr. Nitisha Shrivastava	A system and a method for wearable fall detection and automated emergency alert	202511009639	21-02-2025	Published
Dr. Karunesh	A System and A Method for Object Recognition and Hazard Detection for Visually Impaired Navigation	202511010957	21-02-2025	Published
Dr. Avdhesh Gupta	Intelligent IoT-enabled wearable device for children	202511010808	21-02-2025	Published
Dr. Alok Vardhan	A Device and Method to Monitor and Manage LPG Cylinder Weight in Real-Time Using IoT	202511009638	21-02-2025	Published
Dr. Avdhesh Gupta	Dectritn design of english alphabet (copyright)	6591/2025-CO/L	26-02-2025	Published
Mr. Vivek Agarwal	AI-powered UAV navigation device	439193-001	27-02-2025	Granted
Dr.Rahul Kumar Pandey	Live Sentiment Analysis Framework for Social Media Data	202511005657	28-02-2025	Published
Mr. Mradul Kumar Jain	Nutriquest: an advanced precision tracking for calories to attain definite performance	202511005657	28-02-2025	Published
Ms. Mahima Saxena	Neural network based automated debbuging and code refactoting system	202511014894	28-02-2025	Published
Dr. Amrita Bhatnagar	Live sentiment analysis framework for social media network	202511005657	28-02-2025	Published
Dr. Ashish Dixit	Live sentiment analysis framework for social media data	202511005657	28-02-2025	Published
Dr. Tukur Gupta	IoT and Ai-Enabled Real-Time Energy Monitoring System and Working Method Thereof	202511014892	28-02-2025	Published

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Dr. Rajesh Prasad	System and method for privacy-enhanced multimodal chat analysis with adaptive sentiment tracking and influence mapping	202511019661	05-03-2025	Published
Dr. Rajesh Prasad	A method and system for intelligent real-time multi-modal thermal monitoring and anomaly detection using ML.	202511019662	05-03-2025	Published
Dr. Suman Gothwal	AI Based Women Safety Detecting Wrist Band	441224-001	06-03-2025	Granted
Mr. Eshank Jain	AI based women safety detecting wrist band	441224-001	06-03-2025	Published
Mr. Updesh Kumar Jaiswal	AI based women safety detecting wrist band	441224-001	06-03-2025	Granted
Dr. Nandini Katti Ms. Pooja Mishra Dr. Asha Agarwal Ms. Aarti Dr. Deepa Agarwal	Adaptive Learning System Using Ai To Personalize Higher Education Curriculum	202521014460	07-03-2025	Published
Dr. Uma Sharma Dr. Himani Dr. Tukur Ms. Priyanka	A Medical Bot and A Method to Remotely Monitor, Diagnose, And Assist Patients in Healthcare	202511014649	07-03-2025	Published
Dr. Sachin Jain	Federated learning-based system and method for cardiovascular disease diagnosis and classification	202511014817	07-03-2025	Published
Dr. Rajesh Prasad	A system and a method to automatically generate web pages from handdrawn layouts using ai.	202511021848	11-03-2025	Published
Mr.Pradeep Kumar Tripathi	IOT Enabled smart precision Agriculture system for real time crop Health Monitoring and management	202511015534A	14-03-2025	Publish
Dr. Nitin Sharma	Quantum Cryptography - Enabled Secure Communication Method for Cloud Computing	202511014896	14-03-2025	Publish
Mr.Santosh Kumar Mishra	Wearable System For Health Monitoring And Therapeutic Stimulation	202511018259	14-03-2025	Publish

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Mr. Himanshu Nagpal	Protective Headgear with Environmental Monitoring and Emergency Response Features	202511017656	14-03-2025	Published
Mr. Dushyant Singh Chauhan	Automated Inspection System for Defect Detection in Electronic Components	202511017654 A	14-03-2025	Published
Dr. Jitender Chhabra	AI-Integrated Smart Antenna System for Adaptive Beamforming in Iot Networks	202511014888	14-03-2025	Published
Dr. Jitender Chhabra	AI- Based Assistance and Navigation System for Institutional Environments	202511017658	14-03-2025	Published
Dr. Neha Garg Dr. Amit Garg	Automated Shopping Assistance System with Navigation and Transaction Processing	202511017112	14-03-2025	Published
Dr. Amit Garg Dr. Neha Garg	Traffic Control System with Adaptive Response to Real-Time Conditions	202511017121	14-03-2025	Published
Dr. Sachin Jain	Edge-enabled ai system for ultra-low latency IOT data processing	202511014887	14-03-2025	Published
Dr. Sonam Gupta	AI-driven vision transformer for rapid, accurate skin cancer diagnosis	202511014898	14-03-2025	Published
Dr. Sonam Gupta	System for secure real-time audio sentiment analysis and working method thereof	202511014889	14-03-2025	Published
Dr. Sonam Gupta	Hybrid deep learning based potato disease detection system and working method thereof	202511014890	14-03-2025	Published
Dr. Sonam Gupta	Advanced brain imaging analysis for tumor detection using machine learning and deep learning	202511014897	14-03-2025	Published
Dr. Sonam Gupta	Machine learning-based bird species identification using vocalizations	202511017111	14-03-2025	Published
Dr. Sonam Gupta	A block chain enabled smart contract power auction system	202511017110	14-03-2025	Published
Dr. Santosh Kumar Upadhyay	Emotion-based media recommendation system	202511017120	14-03-2025	Published

Faculty Name	Title of Patent/Design	Patent/Design Publication Number/ Patent Granted Number	Patent/Design Published Date/ Granted Date (DD/MM/YYYY)	Status of Patent (Filed/ Published/ Granted)
Mr. Manoj Kumar	IoT enabled smart precision agriculture system for real time crop health monitoring and management	202511015534	14-03-2025	Published
Ms. Vaishali Deshwal	Emotion-driven playlist generator: personalized music recommendations through ai-powered emotion analysis	202511018263	14-03-2025	Published
Ms. Vaishali Deshwal	AI-driven OCR for comprehensive medical label interpretation	202511018260	14-03-2025	Published
Mr. Sandeep Yadav	System and method for environmental impact monitoring and credit management	202511017118	14-03-2025	Published
Dr. Rupa Rani	Automated multimodal system for holistic answer sheet evaluation	202511018261	14-03-2025	Published
Ms. Anuradha M Dhumale	IoT-enabled smart precision agriculture system for real-time crop health monitoring and management	202511015534	14-03-2025	Published
Mr. Pradeep Gupta	AI-driven vision transformer for rapid, accurate skin cancer diagnosis	202511014898	14-03-2025	Published
Mr. Pradeep Gupta	System for secure real-time audio sentiment analysis and working method thereof	202511014889	14-03-2025	Published
Mr. Pradeep Gupta	Hybrid deep learning based potato disease detection system and working method thereof	202511014890	14-03-2025	Published
Mr. Pradeep Gupta	Vision transformer-based system for plant disease detection and localized treatment and method thereof	202511014897	14-03-2025	Published
Mr. Pradeep Gupta	Advanced brain imaging analysis for tumor detection using machine learning and deep learning	202511017111	14-03-2025	Published
Mr. Pradeep Gupta	Machine learning-based bird species identification using vocalizations	202511017110	14-03-2025	Published
Mr. Pushkal kumar Shukla	Real time transaction verification device	444610-001	19-03-2025	Published

Faculty Name	Title of Patent/Design	Patent/Design Publication Number/ Patent Granted Number	Patent/Design Published Date/ Granted Date (DD/MM/YYYY)	Status of Patent (Filed/ Published/ Granted)
Dr Anupama Sharma	A System And A Method To Automatically Generate Web Pages From Hand-Drawn Layouts Using AI	202511021848	21-03-2025	Published
Mr. Arun Kumar Maurya	A System and Method to Automatically Clean and Sanitize Toilet Seat-Tops Using Air and UV.	202511022329	21-03-2025	Published
Dr. Jitender Chhabra Dr. Akhilesh Verma Mr. Arun Kumar Maurya	A System and Method to Automatically Clean and Sanitize Toilet Seat-Tops Using Air and UV	202511022329	21-03-2025	Published
Dr. Avdhesh Gupta	A system and a method to automatically generate web pages from hand-drawn layouts using ai	202511021848	21-03-2025	Published
Mr. Ashish Kumar	A system and a method to automatically generate web pages from hand-drawn layout using ai	202511021848	21-03-2025	Published
Dr Akhilesh Verma	A system and method to automatically clean and sanitize toilet seat-tops using air and uv	202511022329 A	21-03-2025	Published
Mr. Vivek Agarwal	System and method for privacy-preserving anti-money laundering using encrypted graph machine learning	202511018331	21-03-2025	Published
Ms. Rekha Baghel	A system and a method to automatically generate web pages from hand-drawn layouts using ai	202511028373	21-03-2025	Published
Dr. Rahul Kumar Pandey	Ai-Driven Automated Test Case Generation System for Software Development	202511027404	04-04-2025	Published
Mr. Ashish Kumar	AI- driven automated test case generation system for software development	202511027404	04-04-2025	Published
Mr. Manoj Kumar	AI driven automated test case generation system for software development	202511027404	04-04-2025	Published
Ms. Anuradha M Dhumale	AI-driven automated test case generation system for software development	202511027404	04-04-2025	Published

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Ms. Rekha Baghel	AI-driven automated test case generation system for software development	202511027404	04-04-2025	Published
Dr. Amrita Bhatnagar	AI-driven automated test case generation system for software development	202511027404	04-04-2025	Published
Dr. Ashish Dixit	Drone-based asset tracking and verification system using blockchain	426988-001	08-04-2025	Granted
Mr. Sankara Rao Allada. Sabari Ramachandran Prof. Dr. Khalid Ahmed Aldhorae Dr. Naresh Kumar Dr. Dushyant Kumar Singh Mr. Ankur Walia Mr. Neha Rajput Dr. Urmila Mahor	AI Based Age And Gender Prediction Device	454937-001	10-04-2025	Published
Dr.Sanjay Sharma	Mathematical Modeling of Human Blood-Based Nanofluid Flow	202511025889	11-04-2025	Published
Ms. Manisha Rai	AI-IoT wearable for continuous pediatric leukemia monitoring	202511028237A	11-04-2025	Published
Mr. Vikas	AI-IoT wearable for continuous pediatric leukemia monitoring	.202511028237 A	11-04-2025	Published
Mr. Amit Kumar	AI-IoT wearable for continuous pediatric leukemia monitoring	.202511028237 A	11-04-2025	Published
Dr. Neha Singh	AI-IoT wearable for continuous pediatric leukemia monitoring	202511028237 A	11-04-2025	Published
Ms. Kamna Singh	Adaptive learning device using ai to personalize higher education curriculam	446001-001	11-04-2025	Published
Dr. Amita Asthana Ms. Pooja Mishra Dr. Ritish Kumar	Iot-Based Smart Cholesterol Monitoring Device	446000-001	15-04-2025	Published
Ms. Rekha Baghel	A system and method to monitor plant growth and optimize conditions using IoT and AI	202511028373	18-04-2025	Published

Faculty Name	Title of Patent/Design	Patent/Design Publication Number/ Patent Granted Number	Patent/Design Published Date/ Granted Date (DD/MM/YYYY)	Status of Patent (Filed/ Published/ Granted)
Mr.Amit Kumar	Real-Time Gesture Based Virtual Painting System and Working Method Thereof	202511035903	25-04-2025	Publish
Mr. Shailendra Singh Ojha	Flower-Shaped W-LAN Antenna with Defected Ground Structure For Enhanced Bandwidth And Efficiency	202511035901 A	25-04-2025	Published
Mr. Neeraj Sharma	5G-Enabled AI-Based Traffic Management System for Smart Cities	202511035899	25-04-2025	Published
Ms. Dhanshri Parihar	Self-adaptive cybersecurity framework using ai for threat detection and mitigation	202511035905	25-04-2025	Published
Mr. Eshank Jain	A cardinality-constrained approach to optimal non-uniform sampling for signal reconstruction	202511035690 A	25-04-2025	Published
Dr. Santosh Kumar Upadhyay	System and method for identifying and treating leaf diseases using edge-based segmentation	202511035904	25-04-2025	Published
Mr. Updesh Kumar Jaiswal	A cardinality-constrained approach to optimal non-uniform sampling for signal reconstruction	202511035690 A	25-04-2025	Published
Dr. Ashish Dixit	AI-driven image analysis system for automated medical diagnosis and prognostics	202511034289	25-04-2025	Published
Ms. Mili Srivastava	Big Data-Driven Portable Power Supply With Adaptive Load Distribution	202511042113	30-04-2025	Filed
Ms. Mili Srivastava	AI-Driven Behavioral Modification System For Animals Using IoT Sensors	202511042255	01-05-2025	Filed
Ms. Mili Srivastava	Machine Learning - Enhanced Semiconductor Processing Station for Synchronized Etching And Cleaning	202511042253	01-05-2025	Filed
Dr. Anil Kumar Rai Dr. J G Yadav	IOT-based traffic signal regulation system for emergency vehicle prioritization	202511042254	01-05-2025	Filed

Faculty Name	Title of Patent/Design	Patent/Design Publication Number/ Patent Granted Number	Patent/Design Published Date/ Granted Date (DD/MM/YYYY)	Status of Patent (Filed/ Published/ Granted)
Dr. Sunil Kumar	AI-Driven Personalized Recommendation System with Explainable Machine Learning for Enhanced User Experience	202511035902	02-05-2025	Publish
Mr.Sudhakar Dwivedi	A System And Method For Decentralized Cloud Storage With Autonomous Self-Healing Data Mechanism	202511036221 A	02-05-2025	Published
Dr. Neha Singh	Quantum cryptography based secure communication device	445330-001	02-05-2025	Published
Ms. Anuradha M Dhumale	A system and method for decentralized cloud storage with autonomous self-healing data mechanism	202511036221	02-05-2025	Published
Dr. Amrita Bhatnagar	Quantum cryptography based secure communication device	445330-001	02-05-2025	Published
Dr. Sneha Mishra	A system and method for decentralized cloud storage with autonomous self healing data mechanism	202511036221	02-05-2025	Published
Mr. Harnit Saini	A system and method for decentralized cloud storage with autonomous self- healing data mechanism.	202511036221	02-05-2025	Published
Mr. Pushkal kumar Shukla	Quantum cryptography based secure communication device	445330-001	02-05-2025	Published
Ms. Gunjan Saxena	Dynamic AI-based scheduling system for railway management	202511045315	10-05-2025	Published
Mr. Harnit Saini	A virtual assistant robot	431611-001	14-05-2025	Granted
Ms.Akanksha Shukla	"Real-Time Object Detection and Auditory Feedback System for Visually Impaired Navigation and Working Method Thereof"	AkGEC/B-1123	16-05-2025	Publish
Dr. Avdhesh Gupta	Nutriquest: an advanced precision tracking for calories to attain definite performance	202511039667	16-05-2025	Published
Dr. Avdhesh Gupta	A system and method for explainable ai-based heart disease prediction with hybrid interpretation techniques	202511040787	16-05-2025	Published

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Mr. Mradul Kumar Jain	A system and method for explainable AI based heart disease prediction with hybrid interpretation	202511040787A	16-05-2025	Published
Ms . Ankita Rani	DL-powered smart surveillance system for anomaly detection	202541038301	16-05-2025	Published
Dr. Himani Garg	Intelligent Iot-Based Fire and Gas Alert System	202511044032	23-05-2025	Published
Mr.Santosh Kumar Mishra	System For Early Prediction And Monitoring Of Chronic Kidney Disease And Working Method Thereof	202511047911	30-05-2025	Publish
Dr. Vani Bhargava Ms. Navjyoti Sharma	A System and Method for Smart, Solar-Powered Ironing with AI and Blockchain Monitoring	202511047976	30-05-2025	Published
Mr. Himashu Tripathi Mr. Neeraj Sharma Mr. Som Ashutosh Ms. Suvarna Mujumdar Dr. Vikas Kumar Mr.Vaibhav Sharma Mr. Utkarsh Rai Mr. Shivanshu Singh Dr. Manoj Kumar Yadav	Senior Assist Device for Enhancing Safety and Independence of Elderly Individuals	202511045966	30-05-2025	Published
Mr. Aditya Raj Sharma Ms. Anshika Agarwal Ms. Aradhya Singh Mr. Anuj Yadav Ms. Ankita Sharma	A System and A Method to Predict and Prevent Gas Leakage Using Automated Safety Mechanisms	202511047975	30-05-2025	Published
Mr. Neeraj Sharma	Automated Iot-Enabled AI-Based Hydroponic Plant Growth Chamber with Remote Monitoring	202511047912	30-05-2025	Published

Faculty Name	Title of Patent/Design	Patent/Design Publication Number/ Patent Granted Number	Patent/Design Published Date/ Granted Date (DD/MM/YYYY)	Status of Patent (Filed/ Published/ Granted)
Mr. Neeraj Sharma Dr. Prashant Mani Tripathi Mr. Shailendra Singh Ojha	A System and A Method for Smart Streetlight Fault Prediction, Tracking, And Secure Maintenance	202511045873	30-05-2025	Published
Dr. Gaurav Saxena Dr. Neelesh Gupta	A system and method for tunable UWB meta surface absorption using thermal and liquid metal	202511045874	30-05-2025	Published
Dr. Avdhesh Gupta	Real-time paragraph-level Indian sign language converter using CNNs and transformer-based models	202511047055	30-05-2025	Published
Dr. Avdhesh Gupta	Pentest zone: an interactive cybersecurity lab for ethical exploitation and learning	202511048284	30-05-2025	Published
Dr. Ashish Dixit	Automated system for bidirectional translation between flowcharts, pseudocode, and executable code using machine learning and graph neural networks	202511046140	30-05-2025	Published
Ms. Juli Yadav	Automated system for bidirectional translation between flowcharts, pseudocode, and executable code using machine learning and graph neural networks	202511046140	30-05-2025	Published
Ms. Dhanshri Parihar	Real time AI powered womens safety and threat detection system with location based alert protocols	202511037492	02-06-2025	Published
Ms. Kamna Singh	Integrated air purification device for two-wheeler helmets	6447842	06-06-2025	Granted
Dr. Ekta Pandey	Automatic Vehicle Recognition Registration System by Using Internet of Things	202511052112	13-06-2025	Published
Dr. Karunesh	A System and Method for Self-Healing, Ai-Tuned Reconfigurable Multiband Mimo Antenna Design	202511050022	13-06-2025	Published
Ms. Swati Tomar	Automated vehicle recognition registration system by using iot	202511052112A	13-06-2025	Published

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Ms. Juli Yadav	Automated vehicle recognition registration system by using IoT	202511052112A	13-06-2025	Published
Ms.Chelsi sen	A comprehensive digital health ECard System for optimized emergency response and medical record management	202511058701	19-06-2025	Publish
Dr Anil Kumar Rai Dr Lokesh Varshney	Advanced EV battery management system for enhanced safety and lifespan	202511056252	27-06-2025	Published
Ms. Ankita Sharma	Gesture-To-Speech Conversion System For Sign Language	202511056256	27-06-2025	Published
Dr. Naresh Kumar	Ai-MI Integrated Cyber Security And Vulnerability Management System	202511056257	27-06-2025	Published
Mr. Naveen Kumar Saini	Real-Time Emergency Vehicle Traffic Management System	202511056255	27-06-2025	Published
Dr. Rupa Rani	Blockchain-based secure e-voting system with biometric verification	202511056254	27-06-2025	Published
Dr. Amita Asthana Ms. Pooja Mishra	A Comprehensive Digital Health E-Card System for Optimized Emergency Response and Medical Record Management	202511058701	04-07-2025	Published
Ms. Manisha Rai	Smart USB stick with anti-malware protection	451507-001	04-07-2025	Published
Mr. Manoj Kumar	Blockchain integrated IoT system for secure and real time health care monitoring and data management	202511059291	04-07-2025	Published
Dr. Neha Singh	Smart used stick with anti-malware protection	451507-001	04-07-2025	Published
Dr. Naresh Kumar	Wireless Network Penetration and Cybersecurity Assessment Device	202511060846	11-07-2025	Published
Dr. Santosh Kumar Upadhyay	Machine learning-based system for crop yield prediction and working method thereof	202511060845	11-07-2025	Published
Mr. Updesh Kumar Jaiswal	AI-powered automatic decision-making device	455531-001	11-07-2025	Granted

Faculty Name	Title of Patent/Design	Patent/Design Publication Number/ Patent Granted Number	Patent/Design Published Date/ Granted Date (DD/MM/YYYY)	Status of Patent (Filed/ Published/ Granted)
Dr. Amrita Bhatnagar	Real time integrated smart parking and traffic management system	202511060844	11-07-2025	Published
Dr. Sachi Singh	A Biosensor Device for The Detection of Cancer Cells	445343-001	17-07-2025	Granted
Ms. Navjyoti Sharma Mr. Ritesh Sharma	IoT-enabled sun-tracking solar smart irrigation system and working method thereof	202511063940	18-07-2025	Published
Mr. Neeraj Gupta	FPGA-based system for real-time control and telemetry applications and working method thereof	202511063938	18-07-2025	Published
Mr. Neeraj Gupta	Aerodynamically stabilized can sized satellite (cansat) system and working method there of	202511063939	18-07-2025	Published
Mr. Neeraj Gupta Mrs. Nidhi Singh	Smart asset tracking system and working method thereof	202511063941	18-07-2025	Published
Dr. Divya Sharma	Embedded control enabled connector for medical devices coupling and adjustment mechanism	202511069002	19-07-2025	Filed
Dr. Prashant Mani Tripathi	Fluidic Tuning Apparatus for On-Chip Optical Resonators	202511069292	21-07-2025	Filed

Industrial projects & Consultancy

Center	Name of Project	Organisation
FAB LAB / ASF	3D Printing of Saraswati Idol	AKGEC
	3D Printing of Capacitor Cover	Deki Electronics Ltd.
	3D Printing of Capacitor Cover	Deki Electronics Ltd.
	3D Printing of Prosthetic Hand Parts	Mechanical Engg. Student, Loughborough University, U.K.
	3D Printing of Saraswati Idol with Acrylic Base	AKGEC
	Laser Cutting of Transparent Acrylic Sheet for Fire Extinguisher Stand	CFC
	Laser Cutting of AKGEC Skills Logo on Acrylic Sheet	AMC
	Laser Cutting of Transparent & White Acrylic Sheet for R&D Showcase Stand	AFIPD / CFC
	Fixture Design for Chassis (SAE Racing) Welding	IGDTU, Delhi
	3D Printing of Pneumatic Gripper Holder	IRTC, KUKA — AKGEC

Center	Name of Project	Organisation
FAB LAB / ASF	Acrylic Sheet Cutting (304.8×304.8 mm, 4 mm thick) on CO ₂ Laser Cutter for Closing Ceremony of DGR Training Program (27 Aug–30 Nov 2024)	AKGEC
	3D Printed Artifacts (Universal Joint, Bike Ring, Snake & Differential)	AKGEC
	Acrylic Sheet Cutting (Clear 3mm & 5mm) for Indian Railways (RODA Box) Marking: NWR/JU & NWR/AII	AWTRC
	Souvenir Production: Mugs (20), Badges (22) for RPAS Training Batch	AKGEC
	Cutting of Acrylic Sheets (3 mm Clear) for RODA Box (Marking: ASF — Manufactured on 12/24)	AWTRC
AWTRC	Repairing of 160 Auditorium Chairs (CS/IT Block)	ME Deptt., AKGEC
	Fabrication of RODA Boxes (910 Nos.)	Indian Railways
	TIG Welding of Aluminium Pipes (M.Tech Project)	AKGEC Student
	Fabrication of Shop Boat Table	FabLAB (ASF)
Material Testing Lab @ CFC	Spectroscopy Test of Gun Metal (2 Nos.) – Date: 08-08-2024	Deki Electronics Ltd.
	Spectroscopy Test of Aluminium Alloy (1 No.) – Date: 23-11-2024	AKGEC Student
	Spectroscopy Test of Mild Steel (1 No.) – Date: 25-11-2024	AWTRC
	Rockwell Hardness + Spectroscopy Test of Copper Alloy Samples (2 Nos.) – Date: 26-12-2024	N.S. Turbo Pvt. Ltd.
	Spectroscopy Test of EN-19 (1 No.) – Date: 30-12-2024	AMC
	Rockwell Hardness Test of Mild Steel Washer (5 Nos.) – Date: 14-11-2024	AMC
	Rockwell Hardness Test of EN-19 (2 Nos.) – Date: 30-12-2024	AMC
IRTC (Industrial Robotics Training Center)	Ultrasonic Welding Trials of ABS, Polystyrene & Acrylic Stacks	AKGEC
ARRC (Advanced Robotic Research Center)	Spot Welding Trials of Al-SS-Al Stack	KUKA India Pvt. Ltd.

Guest Lectures by Eminent Experts

Several guest lectures were organized throughout the academic year by all the departments. The speakers were from reputed organizations and industries who shared their experience and knowledge on emerging technologies.

Name of the Person	Designation/Institute/Industry	Topic	Date of Guest Lecture
Dr. Rajeev Kumar Sharma	AVP – Head Skill Development, JBM Group, Gurgaon	Advancement of Technologies in the field of Manufacturing	24-09-2024
Mr. R K Sharma	IES, Indian Railway	Recent Trends in Indian Railways	07-10-2024
Dr. Shivani Sharma	Principal Technical Consultant, Power Consulting, Hitachi Energy India	Energy Transition & Grid Resilience: Engineering the Unbreakable Power System	10-10-2024
Mr. Rajeev Sharma	IES Officer, Indian Railways	Building a Future in Electronics & Communication Engineering: The road Ahead	10-10-2024
Ms. Anupma Chaudhary	Senior Software Engineer, Emeritus	Recent Trends and Technology in IT Industry	17-10-2024
Mr. Gaurav Jain	Assistant Vice President, Head of Data and AI, Infinite Computer Solution.	Navigating data platforms for Big Data: On-Premises and cloud solutions	23-10-2024
Mr. Ashish Kumar	Service Delivery Manager-Mentor of Change- ATL (NITI Aayog)	Thriving Beyond Corporate Expectations	24-10-2024
Mr. Akash Rajput	CTO & Co-founder, Morphis	Catalyst of productivity	21-11-2024
Mr. Pradeep Kumar Shukla	Cloud Centric Infotech Pvt Ltd	Career Paths in Salesforce & Development	26-11-2024
Mr. Harichand	Prospira India Automotive Products, Pvt Ltd Gurugram	Industry Revolution	28-11-2024
Mr. Vinay Kumar Srivastava	Deputy General Manager at Bharat Electronics	New Era of Satellite Communication	29-11-2024
Mr. Murali Mohan Kamineni	Telus International, Noida	The Complete Software Testing Bootcamp—Part 1	03-12-2024
Mr. Rahul Singla	ORACLE, Gurugram	Unlocking Career Success: The Importance of DSA and Web Development	03-12-2024

Name of the Person	Designation /Institute/Industry	Topic	Date of Guest Lecture
Ms. Mumal Singh	Vice President, Genpat	Beyond Technical skills: Unloacking the ower of Executive Presence	04-12-2024
Mr. Abhishek Kumar	Accio Job,Noida	Emerging Trends in Full Stack Development	05-12-2024
Mr. Manudev Tripathi	TCS,Noida	API's In Real Time Projects	06-12-2024
Mr.Rohit Gupta	MCN Solutions, H-213,Sector-63, Noida, U.P	Building Smart Contracts from Scratch Using Polygon Blockchain	09-12-2024
Mr. Nitin Sharma	Infragistics, Sector-27,Gurgaon, Haryana	Data Meets Design: The Value of Embedded BI in Products	10-12-2024
Kartik Atri	Associate Director, India, EC Council	Careers in Cyber Security, Cyber Security in the age of AI	11-12-2024
Mr. Nasir Jawed	HCL Technologies Ltd. Noida,U.P	Augmenting Generative AI with Classic Machine Learning	12-12-2024
Mr. Pradeep Khanna, Mr. Sachin Kumar	HOD(ME), NSIT Delhi, Welder	Brazing Processes, consumables selection, and joint design	16-12-2024
Mr. Ayush Shrivastava	AI Engineer, Samsung R & D Institute, Noida	Opportunities for Innovations and Career Growth in Artificial Intelligence for Electronics Engineers	10-01-2025
Mr. Hemant Jha	Founder and CEO of Check Trust & 3P Innovation Pvt. Ltd. Bengaluru	Engineers how to stay relevant in Agentic AI World	24-02-2025
Dr. Raghavendra Sahai Saxena	Scientist-F at SSPL,DRDO, Delhi, India.	Semiconductor Design for Future Defence Applications	25-03-2025
Mr. Anuraag Singh	SysTools Software Pvt. Ltd, New Delhi	Cyber Awareness & Career Guidance	26-03-2025
Mr. Vivek Jain	AGM (EEMG-Thermal) NTPC, Dadri	Future of Indian Power sector with Renewable energy	11-04-2025
Mr. Akhil Kumar Verma	Sr. System Engineer in Aerial IQ. Pvt. Ltd. Gurugram	Career Opportunities in Robotics	28-04-2025

Name of the Person	Designation /Institute/Industry	Topic	Date of Guest Lecture
Mr. Ashwin Saxena	Counder CEO, CybraNeX	Blockchain Technology with Cloud Computing	02-05-2025
Mr. Shubham Tripathi	CDAC, Noida	Protecting Yourself in the Digital Age	07-05-2025
Mr. Nitin Kumar Sharma	AI Manager	Generative AI and Future Tools	08-05-2025
Mr. Shailendra Chauhan	Microsoft MVP, Cloud Solution Architect, ScholarHat	AZURE AI & Cloud Computing	15-05-2025
Mr Deepak Kr Sharma	HCL Tech. Noida	Mobile Development and Current Trends	15-05-2025
Mr. Adwitiya Sharma	Assistant Engineer, UP JAL NIGAM, GANGAJAL PROJECT GHAZIABAD	Advanced Technology in Waste Water Treatment	16-05-2025
Mr. Murali Mohan Kamineni	Telus International, Noida	Software Testing Bootcamp-2	17-05-2025
Mr. Omesh Kumar Yadav	Research and Cyber Security Enthusiast	A walkover to Cybersecurity	19-05-2025
Dr. D. K. Lobiyal	JNU, Delhi	Natural Language Processing (NLP) / Computer Science	22-05-2025
Dr. Sandeep Kumar Nishad	TCS, Noida	Ethical Concerns of Generative AI	23-05-2025
Dr Renu Dalal	University School of Automation & Robotics (USAR), GGSIPU, Delhi	Effective B.Tech Research Projects for CSE Students	03-06-2025
Mr. Gurjit Singh	Motivational Speaker	Motivational talk on how to succeed in life	04-06-2025
Mr. Nitesh Pradhan	Assistant Manager – National Instruments	Data Communication and Synchronization in Parallel Loops in LabVIEW	12-06-2025

FDPs / WORKSHOPS/ SEMINARS ATTENDED BY FACULTY MEMBERS

Title	Organised By	Dates	Name of Faculty	Department
Solar Photovoltaics Fundamentals, Technology and Applications	NPTEL	01/07/2024 – 30/09/2024	Dr. A.K Rai	Electrical & Electronics Engineering
Integrating Electric Vehicle Design, Simulation, and Control into Engineering Education	NITTTR, Chandigarh & MathWorks	05/08/2024 – 09/08/2024	Dr. Vani Bhargava Dr. J.G. Yadav Dr. Lokesh Varshney	Electrical & Electronics Engineering
Management Development Program	AKGIM & GMA	08/08/2024	Dr. Lokesh Varshney	Electrical & Electronics Engineering
3D & 4D Printing	NITTTR, Chandigarh	19/08/2024 – 23/08/2024	Mr. Gaurav Srivastava Mr. Mahendra Dutt Dwivedi	Electrical & Electronics Engineering
Conference Quality and Management Workshop	Amity University, Greater Noida, sponsored by IEEE, U.P section	21/09/2024	Dr. Lokesh Varshney	Electrical & Electronics Engineering
Consciousness Engineering	AKGEC sponsored by UNAI	30/09/2024 – 04/10/2024	Mr. Ritesh Sharma	Electrical & Electronics Engineering
NEP 2020 Orientation & Sensitization Programme	AKGEC and Mahatma Hansraj Malaviya Mission Teacher Training Centre, Hansraj College	14/10/2024 – 24/10/2024	Dr. A.K Rai Mr. Ritesh Sharma Mr. Ravindra Kumar Ms. Navjyoti Sharma	Electrical & Electronics Engineering
Consciousness Engineering	AKGEC	17/12/2024 – 21/12/2024	Dr. J.G. Yadav Mr. Ravindra Kumar	Electrical & Electronics Engineering
ATAL FDP on Global Scenario of Sustainable Energy and Climate Change	Pimpri Chinchwad education trust Pimpri Chinchwad College of Engineering and Research	27/01/2025 – 01/02/2025	Dr. Nitisha Shrivastava	Electrical & Electronics Engineering

Title	Organised By	Dates	Name of Faculty	Department
Clean And Green Technologies	NITTTR, CHANDIGARG	27/01/2025 – 31/01/2025	Dr. A.K Rai	Electrical & Electronics Engineering
ATAL FDP on Technological Innovations in Climate Change Adaptation for Sustainability	MM Engineering College, Mullana-Ambala (online)	10/02/2025 – 15/02/2025	Dr. Nitisha Shrivastava	Electrical & Electronics Engineering
Hybrid Machining	NITTTR, Chandigarh	17/02/2025 – 21/02/2025	Mr. Gaurav Srivastava	Electrical & Electronics Engineering
Impact of Artificial Intelligence on Automated Software Development and Delivery	AKGEC	04/03/2025 – 08/03/2025	Dr. Vani Bhargava Ms. Nidhi Singh Ms. Navjyoti Sharma	Electrical & Electronics Engineering
workshop on communication maestro	AKGEC	10/03/2025 – 11/03/2025	Ms. Navjyoti Sharma	Electrical & Electronics Engineering
Empowering the future Advancements in Power Electronics for Electric Vehicle & Renewable Energy	NIT warangal in association with NIT suratkal	17/03/2025 - 27/03/2025	Dr Sarika Kalra	Electrical & Electronics Engineering
Smart Technologies for Sustainable Energy Systems	AKGEC	06/04/2025 – 11/04/2025	Dr. Vani Bhargava	Electrical & Electronics Engineering
AICTE Idea Lab FDP	AKGEC SKILLS	21/04/2025 – 25/04/2025	Mr. Neeraj Gupta	Electrical & Electronics Engineering
FDP on Design of EV, PV and Wind Power Plants and Applications of IoT: Hand on Practice	Sasi Institute Of Technolony And Engineering , A.P	28/04/2025 - 03/05/2025	Dr Sarika Kalra	Electrical & Electronics Engineering
Workshop on MATLAB	AKGEC	28/04/2025 – 28/04/2025	Dr. Nitisha Shrivastava	Electrical & Electronics Engineering

Title	Organised By	Dates	Name of Faculty	Department
Conference Quality and Management Workshop	Noida Institute of Engg. & Technology, G.N	24/05/2025	Dr. Lokesh Varshney	Electrical & Electronics Engineering
Recent Trends In Civil and Mechanical Engineering	BBDITM LUCKNOW	9/9/2024-14/09/2024	Ms. Nikita Jaiswal Ms. Anchal Negi	Civil Engineering
Consciousness Engineering	AKGEC	17/12/2024 - 21/12/2024	Ms. Anubha Gupta	Civil Engineering
Road Safety awareness Training Session	AKGEC	24-01-2025	Ms. Nikita Jaiswal	Civil Engineering
Hybrid Machining	AKGEC	17/02/2025 to 21/02/2025	Anubha Gupta	Civil Engineering
Women wellness Session	AKGEC	06/03/2025-07/03/2025	Ms. Nikita Jaiswal Ms. Anchal Negi Ms. Kshama Shukla	Civil Engineering
National Additive Manufacturing Symposium 2025	AKGEC	26-03-2025	Ms. Nikita Jaiswal Ms. Kshama Shukla	Civil Engineering
IEEE International Conference Next Generation Information Systems	AKGEC	27/03/2025-28/03/2025	Ms. Nikita Jaiswal	Civil Engineering
AICTE Idea Lab	AKGEC	21/04/2025 - 25/04/2025	Ms. Anubha Gupta	Civil Engineering
Entrepreneurship, Incubation, and Innovation organised	Department of Biotechnology, Bansal Institute of Engineering and Technology, Lucknow	05/08/2024 - 10/08/2024	Dr. Amit Garg Dr. Jitender Chhabra Dr. Naresh Kumar Dr. Prashant Mani Tripathi Mr. Neeraj Sharma Mr. Shailendra Singh Ojha	Electronics & Communication Engineering
Machine Learning with Python	AKGEC Ghaziabad	30/09/2024-5/10/2024	Dr. Amit Garg	Electronics & Communication Engineering

Title	Organised By	Dates	Name of Faculty	Department
Consciousness Engineering	AKGEC Ghaziabad	30/09/2024-4/10/2024	Mr. Shailendra Singh Ojha Dr. Tukur Gupta	Electronics & Communication Engineering
NEP 2020 Orientation & Sensitization Programme	Mahatma Hansraj Malaviya Mission Teacher Training Centre (MH-MMTTC), Hansraj College, University of Delhi	14/10/2024-24/10/2024	Dr. Deepak Yadav Dr. Divya Sharma Dr. Himani Garg Dr. Prashant Mani Tripathi Dr. Uma Sharma Mr. Neeraj Sharma	Electronics & Communication Engineering
Medical Imaging in the Third Dimension: Advanced Techniques and Clinical Applications organised by	Maharaja Agrasen Institute of Technology	16/12/2024-21/12/2024	Mr. Naveen Kumar Saini Ms. Pooja Mishra	Electronics & Communication Engineering
ICT Tools for Smart Educators	NITTTR Chandigarh	27/01/2025-31/01/2025	Dr Gaurav Saxena Dr. Amita Asthana	Electronics & Communication Engineering
Clean and Green Technologies	NITTTR Chandigarh	27/01/2025-31/01/2025	Mr. Abhishek Tiwari	Electronics & Communication Engineering
Innovative AI Tools for Research Excellence	Ramco Institute of Technology, Rajapalayam, Tamilnadu during	27/01/2025-01/02/2025	Ms. Prachi Agarwal	Electronics & Communication Engineering
UHV-II FDP	AICTE at AKGEC Ghaziabad	03/02/2025-10/02/2025	Dr. Neeti Bansal Ms. Prachi Agarwal	Electronics & Communication Engineering
Consciousness Engineering	Manav Rachna University, Faridabad	03/03/2025-07/03/2025	Dr. Tukur Gupta	Electronics & Communication Engineering
Innovation and Entrepreneurship	AICTE & MIC	18/03/2025-22/03/2025	Dr. Pankaj Goel	Electronics & Communication Engineering
Antenna Engineering for Next-Gen Healthcare Technologies	Galgotias College of Engineering & Technology	30/06/2025-05/07/2025	Mr. Abhishek Tiwari	Electronics & Communication Engineering

Title	Organised By	Dates	Name of Faculty	Department
Blockchain, Fintech and Cyber Security: Shaping the Future of Secure Digital Finance (BFC-25)	NIT Raipur	06/01/2025-16/01/2025	Mr.Manoj Kumar	Computer Science and Engineering
Enhancing Network Performance with AI & ML through use case Approach	IILM University Gurugram	06/01/2025-11/01/2025	Mr. Gaurav Kumar	Computer Science and Engineering
Quantum machine learning	RKGIT	06/01/2025-11/01/2025	Dr.Nishant Kumar Pathak	Computer Science and Engineering
Global Scenario of sustainable Energy	PCETPCCE&R	06/01/2025-11/01/2025	Dr.Nishant Kumar Pathak	Computer Science and Engineering
Emerging Technologies for Educators : AI, IoT and AR/VR.	CDAC, Mohali	06/01/2025-10/01/2025	Dr. Anuradha Taluja	Computer Science and Engineering
GIS and Remote sensing application in civil eng for sustainable and climate change	Budha institute	20/01/2025-25/01/2025	Dr.Nishant Kumar Pathak	Computer Science and Engineering
Cyber Security (On Premises Hacking)	E&ICT Academy, IIT Kanpur	27/01/2025-01/02/2025	Dr. Neah Singh	Computer Science and Engineering
Greener Horizons: Energy efficiency, Sustainability and Climate Change Solutions	Manav rachna International Institute of Research & Studies ,Faridabad	10/02/2025-15/02/2025	Ms. Kamna Singh	Computer Science and Engineering
AI for Healthcare innovations Applications & future Trends	Vishwakarma Institute of Technology Kondhwa Campus Pune	10/02/2025-14/02/2025	Mr. Gaurav Kumar	Computer Science and Engineering

Title	Organised By	Dates	Name of Faculty	Department
Impact of Artificial Intelligence on Automated Software Development and Delivery	AKGEC, Ghaziabad	04/03/2025-08/03/2025	Mr. Eshank jain Mr. Anuj Kumar Mr. Beerbal Solanki	Computer Science and Engineering
Innovation and Entrepreneurship	AKGEC, Ghaziabad	18/03/2025-22/03/2025	Mr. Beerbal Solanki	Computer Science and Engineering
“Machine Learning for Social Good“	ABV-IIITM Gwalior	02/04/2025-09/04/2025	Mr. Shivpratap Singh Kushwah	Computer Science and Engineering
Emerging Trends in AI/ML, Cyber Security, Cloud Computing, IoT and Data Analytics for Contemporary Informatics	AMITY UNIVERSITY	26/05/2025-30/05/2025	Mr. Vivek Agarwal	Computer Science and Engineering
Artificial Intelligence and Applications	SRM INSTITUTE OF MANAGEMENT AND TECHNOLOGY	23/06/2025-28/06/2025	Mr. Updesh Kumar Jaiswal	Computer Science and Engineering
Recent trends & Application of Artificial Intelligence	Echelon Institute of technology faridabad	14/07/2025 - 18/07/25	Ms. Mahima Saxena	Computer Science and Engineering
Bridging AI and explainability with AI fundamentals and applications	ABV-IIITM Gwalior	05/07/2025-09/07/2025	Mr. Shivpratap Singh Kushwah	Computer Science and Engineering
Entrepreneurship, Incubation, and Innovation	AKGEC, Ghaziabad	05/08/2024 - 10/10/2024	Mr. Gajesh Chauhan	Mechanical Engineering
Recent Trends in Civil and Mechanical Engineering	BBDITM, Lucknow	09/09/2024 - 14/09/2024	Dr. Suman Gothwal	Mechanical Engineering

Title	Organised By	Dates	Name of Faculty	Department
Blockchain, Fintech and Cyber Security: Shaping the Future of Secure Digital Finance (BFC-25)	NIT Raipur	06/01/2025-16/01/2025	Mr. Manoj Kumar	Computer Science and Engineering
Enhancing Network Performance with AI & ML through use case Approach	IILM University Gurugram	06/01/2025-11/01/2025	Mr. Gaurav Kumar	Computer Science and Engineering
Quantum machine learning	RKGIT	06/01/2025-11/01/2025	Dr. Nishant Kumar Pathak	Computer Science and Engineering
Global Scenario of sustainable Energy	PCETPCCE&R	06/01/2025-11/01/2025	Dr. Nishant Kumar Pathak	Computer Science and Engineering
Emerging Technologies for Educators : AI, IoT and AR/VR.	CDAC, Mohali	06/01/2025-10/01/2025	Dr. Anuradha Taluja	Computer Science and Engineering
GIS and Remote sensing application in civil eng for sustainable and climate change	Budha institute	20/01/2025-25/01/2025	Dr. Nishant Kumar Pathak	Computer Science and Engineering
Cyber Security (On Perimeters Hacking)	E&ICT Academy, IIT Kanpur	27/01/2025-01/02/2025	Dr. Neah Singh	Computer Science and Engineering
Greener Horizons: Energy efficiency, Sustainability and Climate Change Solutions	Manav rachna International Institute of Research & Studies ,Faridabad	10/02/2025-15/02/2025	Ms. Kamna Singh	Computer Science and Engineering
AI for Healthcare innovations Applications & future Trends	Vishwakarma Institute of Technology Kondhwa Campus Pune	10/02/2025-14/02/2025	Mr. Gaurav Kumar	Computer Science and Engineering

Title	Organised By	Dates	Name of Faculty	Department
Role of Advanced Manufacturing in Industry 4.0 (RAM in Industry 4.0)” - 2024	Department of Mechanical & Aerospace Engineering, National Institute of Technology Delhi	15/10/2024 - 20/10/2024	Dr. Ajay Pratap	Mechanical Engineering
Research Innovations and Implementation Methods (RIIM-2024)”	Organized by the Department of Electronics and Communication Engineering at IMS Engineering College, Ghaziabad	21/10/2024 - 25/10/2024	Dr. Ajay Pratap	Mechanical Engineering
Robotics and Industrial Automation	Department of Mechanical Engineering, Chaitanya Bharathi Institute of Technology (A), Hyderabad	04/11/2024 - 09/11/2024	Dr. Tarun Bhardwaj Mr. Vikash Kumar Dr. Manoj Kumar Yadav	Mechanical Engineering
Additive Manufacturing for Sustainability and Industry 4.0	Jamia Millia Islamia, New Delhi, India	18/11/2024 - 22/11/2024	Dr. Tarun Bhardwaj Mr. Vikash Kumar	Mechanical Engineering
Health care in Industry 4.0	NIT Kurukshetra	13/01/2025 - 18/01/2025	Dr. Pradeep Jain	Mechanical Engineering
3D Printing for Biomedical Applications: Shaping the Future of Healthcare in Industry 4.0	National Institute of Technology Kurukshetra	13/01/2025 - 18/01/2025	Ms. Akriti Gupta	Mechanical Engineering
Kisan Drone Operator	Agriculture Sector Skill Council	18/01/2025 - 27/01/2025	Mr. Anshul Kumar Panchbhैया Mr. Puneet Saini	Mechanical Engineering
ICT Tools for Smart Educators	NITTTR Chandigarh	27/01/2025 - 31/01/2025	Mr. Ajay Kant Dubey	Mechanical Engineering
Advanced Materials for Defence and Aerospace Applications	Ballari Institute of Technology & Management, Karnataka	27/01/2025 - 01/02/2025	Dr. Namrata Gangil	Mechanical Engineering

Title	Organised By	Dates	Name of Faculty	Department
Factory of Future: Present and Future Perspectives	Shri Mata Vaishno Devi University, Katra Jammu	24/02/2025-28/02/2025	Dr. Jitendra Yadav Mr. Vikram Singh Rajput Mr. Dilip Kumar	Mechanical Engineering
AICTE Idea Lab FDP	AICTE	21/04/2025-25/04/2025	Mr. Puneet Saini Mr. Abhishek Gupta Ms. Gaganpreet Kaur	Mechanical Engineering
Energy+A59:E87 storage Materials & Technology	AKGEC	6/05/2024 - 10/05/2024	Dr. Bandana Sharma	Applied Science & Humanities
LATEX	MIET	9/11/2024 - 14/12/2024	Dr. Shubham Kumar	Applied Science & Humanities
Conscious Engineering	AKGEC	17/12/2024 - 21/12/2024	Dr. Mohit K. Tiwari	Applied Science & Humanities
Data Science Using Python	NITTTR, CHANDIGARH	20/01/2025 - 24/01/2025	Dr. RAHUL KUMAR PANDEY	Applied Science & Humanities
ICT Toots for Smart Education	AKGEC	27/01/2025 - 31/01/2025	Dr.Sanjay Sharma Dr. Anand Tyagi	Applied Science & Humanities
Outcome Based Education and Accreditation	GNIOT	27/01/2025 - 31/01/2025	Dr. Shubham Kumar	Applied Science & Humanities
Innovations and Applications in Engineering Materials	KIET,Group of Institution,(DRDO)	03/02/2025 - 07/02/2025	Dr.Shweta Prakash Dr Parul Verma	Applied Science & Humanities
Harnessing AI and Data Analytics for Startegic Decision -Making	AKGIM, Ghaziabad	24/02/2025 - 27/02/2025	Dr. Akash Kumar	Applied Science & Humanities
Next-Gen Educators: Harnessing the power of ML	Jeppiaar Institute of Technology, Tamil Nadu	25/09/2024 - 01/10/2025	Ms. Arpna Saxena	MCA
NATIONAL Education Policy 2020	ABES Institute of Technology,	24/10/2024-30/10/2024	Ms. Mani Dublish	MCA

Title	Organised By	Dates	Name of Faculty	Department
Green Cloud Computing Practices for Sustainable IT	NITTTR , Chandigarh	30/12/2024 - 4/01/2025	Mr. Avanish Srivastava	MCA
Emergence of Cloud Computing	ATAL	13/01/2025-18/01/2025	Ms. Aman Gupta	MCA
Innovation & Intellectual Property Rights	Tecnia Institute of advanced studies , Rohni Delhi	8/01/2025 - 13/01/2025	Mr. Avanish Srivastava Ms. Mani Dublish	MCA
AI and Security: Current Trends and Future Research	ATAL	20/01/2025 - 25/01/2025.	Ms. Shruti Jain Ms. Arpna Saxena	MCA
Data Science using Python	NITTTR , Chandigarh	20/01/2025-24/01/2025	Mr. Avanish Srivastava Ms. Pooja Pandey Ms. Mani Dublish Ms. Aman Gupta Ms. Babita Dr. Saroj Bala	MCA
AI- Driven future of Healthcare and Telemedicine	ATAL	27/01/25 - 01/02/25	Ms. Pooja Pandey	MCA
Gen AI & Chat GPT Application in the Industry	ExcelR Edtech Pvt. Ltd.	27/01/2025 - 31/01/2025	Ms. Shruti Jain	MCA
Clean and Green Technologies	NITTTR , Chandigarh	27/01/2025 - 31/01/2025	Mr. Avanish Srivastava	MCA
UHV-II FDP	AICTE, AKGEC, GZB	3/02/2025 - 10/2/2025	Ms. Mani Dublish	MCA
AR VR and AI for Innovative Teaching and Learning Experiences	NITTTR , Chandigarh	3/2/2025 - 7/2/2025	Ms. Mani Dublish	MCA
AR VR and AI for Innovative Teaching and Learning Experiences	NITTTR , Chandigarh	03/02/2025 - 07/02/2025	Ms. Aman Gupta	MCA

Title	Organised By	Dates	Name of Faculty	Department
GENERATIVE AI: TECHNIQUES, TOOLS, AND APPLICATIONS	ATAL	03/02/2025 - 08/02/2025	Dr. Saroj Bala	MCA
UHV-II FDP	AICTE , AKGEC, Gzb	3/02/2025 - 10/02/2025	Mr. Avanish Srivastava Ms. Pooja Pandey Ms. Mani Dublish Ms. Babita	MCA
A Research Oriented Practical Approach for Machine Learning Algorithms using Python	AKGEC	11/02/2025 - 13/02/2025	Ms. Shruti Jain Ms. Mani Dublish Ms. Arpna Saxena Ms. Aman Gupta	MCA
Machine Learning using Python	NITTTR , Chandigarh	17/02/2025 - 21/02/2025	Mr. Avanish Srivastava Ms. Pooja Pandey Ms. Mani Dublish Ms. Babita	MCA
SMART COMMUNICATION IN IOT : SECURITY & FUTURE APPLICATIONS AND POSSIBILITIES	ATAL	24/02/2025 - 01/03/2025	Ms. Arpna Saxena	MCA
Impact of AI on Automated Software Development and Delivery	AKGEC	04/03/2025 - 08/03/2025	Ms. Aman Gupta Ms. Mani Dublish	MCA
Cyber Security: present and future	E&ICT Academy, IIT-Roorkee	6/03/2025 - 10/03/2025	Ms. Arpna Saxena	MCA
Innovation & Entrepreneurship	AKGEC	18/03/2025 - 22/03/2025	Ms. Aman Gupta Ms. Arpna Saxena Ms. Mani Dublish	MCA
Design and Analysis of Algorithms	IIT Madras (NPTEL)	22/07/2024- 22/09/2024	Mr. Achintya Kumar Pandey	Information Technology

Title	Organised By	Dates	Name of Faculty	Department
Research & Development in Machine Learning/Deep Learning	AKGEC	05/08/2024-09/08/2024	Mr. Achintya Pandey Dr. Aditya Pratap Singh Dr. Anju Mishra Ms. Chelsi Sen	Information Technology
Cloud security : Emerging Threats and cyber threats intelligence	Symbosis Skill & professional University Pune	12/08/2024-17/08/2024	Mr. Pradeep Tripathi	Information Technology
Advance Excel with Data Analytics	IIT Kanpur	04/09/2024-09/09/2024	Mr. Sarvachan Verma	Information Technology
High performance computing	AKGEC	14/09/2024-14/09/2024	Ms. Anushka Tyagi	Information Technology
AICTE SANKALP	AKGEC	14/09/2024-14/09/2024	Mr. Birendra Kumar	Information Technology
NEP 2020 Orientation & Sensitization Programme	AKGEC Ghaziabad	14/10/2024-24/10/2024	Mr. Sudhakar Dwivedi	Information Technology
9th International Conference on ICHVHE	UHV Foundation	22/11/2024-24/11/2024	Ms. Anushka Tyagi, Mr. Sudhakar Dwivedi Dr. Gopal Babu	Information Technology
Supercomputing	GLBCRI Greater Noida	28/11/2024-29/11/2024	Mr. Anupam Saini	Information Technology
Smart Healthcare Systems: Enhancing patient care with IoT and AI	Amity School of Engineering & Technology, Amity University	02/12/2024-07/12/2024	Ms. Ankita Singh Ms. Mili Srivasatva Ms.Sheradha Jauhri	Information Technology
AI and Quantum Computing: The Future of Intelligent System	ATAL, Bharat Institute Of Engineering And Technology	09/12/2024-14/12/2024	Mr. Nikhil Kumar	Information Technology

Title	Organised By	Dates	Name of Faculty	Department
Generative AI Mastery: From Foundations to Applications	AICTE Training And Learning (ATAL) Academy	16/12/2024-21/12/2024	Dr. Shivani Agarwal Dr. Nitin Sharma, Dr. Anupama Sharma Dr. Ruchi Gupta Dr. Nandita Goyal Ms. Ankita Singh Mr. Anupam Saini Ms. Mili Srivasatava Mr. Sudhakar Dwivedi Dr. Anju Mishra Ms. Aayushi Ms. Anushka Mr. Nikhil Kumar	Information Technology
Industrial Robotics	AKGEC	16/12/2024-20/12/2024	Mr. Anupam Saini Mr. Rupak Kumar	Information Technology
Consciousness Engineering	AKGEC	17/12/2024-21/12/2024	Mr. Pankaj Singh	Information Technology
Revolutionizing Agriculture through AI Models, Practices and Interventions	ATAL, M. Kumarsamy College of Engineering	06/01/2025-11/01/2025	Mr. Nikhil Kumar	Information Technology
Research and Innovation Trends in Large Language models	ATAL- Dwarkadasj Sanghvi College of Engineering	20/01/2025-25/01/2025	Ms. Ankita Singh	Information Technology
AI Enabled Collaborative Learning in 6G and Beyond	Manipal University	20/01/2025-25/01/2025	Mr. Rupak Kumar	Information Technology
ICT Tools for Smart Educators	NITTTR Chandigarh	27/01/2025-31/01/2025	Ms. Chelsi Sen Ms. Mili Srivasatava Mr. Sudhakar Dwivedi	Information Technology

Title	Organised By	Dates	Name of Faculty	Department
8-day Face-to-Face UHV-II FDP	AKGEC	03/02/2025-10/02/2025	Ms. Ankita Singh Mr. Anupam Kumar Saini	Information Technology
Leveraging Artificial Intelligence for Climate and Sustainability	K. J. Somaiya Institute of Technology	03/02/2025-08/02/2025	Mr. Pancham Singh	Information Technology
IPR Workshop	GECT, Gr. Noida	04/02/2025-04/02/2025	Mr. Pancham Singh	Information Technology
Machine Learning using Python	NITTTR Chandigarh	17/02/2025-21/02/2025	Ms. Ankita Singh, Mr. Anupam Kumar Saini,	Information Technology
			Mr. Pancham Singh Mr. Sudhakar Dwivedi, Mr. Nikhil Kumar	
Impact of Artificial Intelligence on Automated Software Development and Delivery	AKGEC	04/03/2025-08/03/2025	Ms. Ankita Singh Mr. Nikhil Kumar	Information Technology
Innovation and Entrepreneurship	Ajay Kumar Garg Engineering College, Ghaziabad, Uttar Pradesh	18/03/2025-22/03/2025	Mr. Sudhakar Dwivedi	Information Technology

FACULTY

New Members to the AKGEC Family

Name	Designation	Department
Mr. Neeraj Pratap Singh	Associate Professor	MCA
Dr. Prem Kumar Srivastava	Assistant Professor	Applied Sciences & Humanities
Dr. Vandana Gupta	Assistant Professor	Applied Sciences & Humanities
Dr. Preeti Kaushik	Assistant Professor	Applied Sciences & Humanities
Ms. Karuna Singh	Assistant Professor	Applied Sciences & Humanities
Dr. Shubham Kumar	Assistant Professor	Applied Sciences & Humanities

ACADEMIA FIRMAMENT

Name	Designation	Department
Dr. Vinay Gaur	Assistant Professor	Applied Sciences & Humanities
Ms. Aastha Sharma	Assistant Professor	Computer Science and Engineering
Mr.Narendra Kumar	Assistant Professor	Computer Science and Engineering
Mr.Mahesh Sharma	Assistant Professor	Computer Science and Engineering
Ms.Kirti Singh	Assistant Professor	Computer Science and Engineering
Mr.Manoj Kumar Sharma	Assistant Professor	Computer Science and Engineering
Ms.Kanika Malik	Assistant Professor	Computer Science and Engineering
Ms.Shradha Pandey	Assistant Professor	Computer Science and Engineering
Ms.Arпита Agarwal	Assistant Professor	Computer Science and Engineering
Dr. Garima Varshney	Assistant Professor	Electronics & Communication Engineering
Mr. Lokesh Soni	Assistant Professor	Electronics & Communication Engineering
Ms. Ankita Singh	Assistant Professor	Information Technology
Ms. Anushka Tyagi	Assistant Professor	Information Technology
Ms. Rinki Tyagi	Assistant Professor	Information Technology
Mr.Rupak Kumar	Assistant Professor	Information Technology
Mr. Sudhakar Dwivedi	Assistant Professor	Information Technology
Ms. Ayushi	Assistant Professor	Information Technology
Ms. Shivani Jain	Assistant Professor	Information Technology
Mr. Anupam Kumar Saini	Assistant Professor	Information Technology
Mr. Nikhil Kumar	Assistant Professor	Information Technology
Ms. Anju Joon	Assistant Professor	Information Technology
Ms. Shraddha Mishra	Assistant Professor	Information Technology
Ms. Shraddha Srivastava	Assistant Professor	Information Technology
Ms. Kajal Kaushal	Assistant Professor	Information Technology

Faculty Promotions

Name	Designation	Department
Dr. Suman Gothwal	Associate Professor	Mechanical Engineering
Dr. Jitendra Yadav	Associate Professor	Mechanical Engineering
Dr. Vihswas Grover	Associate Professor	Mechanical Engineering
Dr. Saroj Bala	Professor and HoD	MCA
Dr. Nitin Sharma	Associate Professor	Information Technology
Dr. Akhilesh Verma	Professor	Computer Science and Engineering
Dr. Sachin Jain	Associate Professor	Computer Science and Engineering

Higher Qualification

Name of Faculty	Department	Degree Awarded	Topic	University
Dr. Updesh Kumar Jayswal	CSE	Ph.D	Jaypee Institute of Information Technology, Noida	Single and Multi-objective Optimization of Software Test Cases using Metaheuristic Techniques
Dr. Amrita Bhatnagar	CSE	Ph.D	Shobhit University, Meerut	Intrusion detection Techniques for Cyber Attacks

Name of Faculty	Department	Degree Awarded	Topic	University
Dr. Yogendra Narayan Prajapati	CSE	Ph.D	Quantum University, Roorkee	Building and Efficient mode for Heart Disease prediction using machine Learning by analyzing effects of Corona virus variants
Dr. Rupa Rani	CSE	Ph.D	Banasthali Vidyapith, Rajasthan	RBM_CNN Fusion Approach to Detect Fake Accounts and Cloned Attacks in Social Networking Websites (SNW)
Dr. Manoj Kumar Srivastava	CSE	Ph.D	Desh Bhagat University	Energy-efficient resources management in cloud computing environment
Dr. Sachin Jain	CSE	Ph.D	Sharda University	Deep Learning Based Ensemble Techniques for Brain Tumor Classification
Dr. Naresh	ECE	Ph.D	Jaypee Institute of Information Technology (JIIT) Noida, Uttar Pradesh	Improved Techniques for Performance Enhancement in Optical Wireless Communication Systems
Dr. Uma	ECE	Ph.D	Guru Govind Singh Indraprastha University, Delhi	Design and Analysis of Low Power Digital Circuits Using Conventional and Non - Conventional Design Methodologies
Mr. Dinanath Prasad	EN	Ph.D	Delhi Technical University, Delhi	Investigation on Enhancement of Power Quality of Grid connected and Islanded Hybrid Distributed Generating Systems.

EVENTS @ AKGEC

NATIONAL DRONE SYMPOSIUM 2024

A National Drone Symposium 2024 was organised by the College which was sponsored by Dr. A.P.J. Abdul Kalam Technical University (AKTU), Lucknow and Powered by the Drone Federation of India on 6 September 2024. The event had featured two dynamic sessions on Drone Flying: Career & Opportunities and Drone Manufacturing & Applications

The symposium was aimed to explore the latest advancements in drone technology, from cutting-edge flying techniques to innovative manufacturing trends and witness an exciting Drone Show showcasing diverse capabilities. The event focused on diverse field of applications of Drone with defence Drones for national security, agriculture Drones for precision farming, mapping Drones for logistics and training Drones for skill development.

Eminent experts, professionals and enthusiasts from this field came together to discuss the future of drones and contribute to India's vision of becoming a global drone hub by 2030, as envisioned by our Hon'ble Prime Minister Shri Narendra Modi.



Vishwakarma Puja

Vishwakarma Puja, dedicated to Lord Vishwakarma, the divine architect and engineer of the universe, is a day of deep reverence and celebration. On this auspicious occasion, devotees offer prayers and seek blessings for their tools, machinery, instruments, and the idol of Lord Vishwakarma, symbolizing respect for craftsmanship, innovation, and technological progress.

AKGEC celebrated Vishwakarma Puja on 17 September 2024 in the Mechanical Engineering Workshop. The event witnessed the enthusiastic participation of Heads of Departments, Deans, Professors, Section Incharges, and staff members, reflecting the significance and inclusivity of the celebration within the academic community. Students from various years also actively took part in the puja, highlighting their engagement with the institution's cultural and professional traditions.

The gathering collectively paid homage to Lord Vishwakarma and sought his blessings for the smooth functioning and longevity of tools and machinery, which form the backbone of engineering education and technological advancement. The celebration reinforced the values of dedication, precision, and respect for work that are central to the engineering profession.



Closing Ceremony SAKSHAM 24

On 16 October, a spectacular closing ceremony marked the culmination of SAKSHAM, the annual intra-collegiate sports competition. The event was inaugurated with great enthusiasm, celebrating the spirit of sportsmanship and teamwork. Students from various departments actively participated in multiple sporting events, showcasing remarkable skill, discipline, and competitive zeal. Team 1 (CSE, Mechanical, and Electrical Engineering) emerged as the most successful contingent, securing the highest number of medals.

The ceremony commenced under the guidance and esteemed presence of Dr. R. K. Agarwal, Director General, whose arrival was warmly welcomed by the participants and organizers. Addressing the gathering, he encouraged the students with inspiring words, motivating them to strive for excellence both on and off the field, before the commencement of the outdoor sports events.

Among the athletic highlights, the 100-meter race for boys and girls witnessed outstanding performances, with Kshitij Sharma (IT) and Aishwarya Ghosh (Electronics and Communication Engineering) securing first positions in their respective categories.

The excitement peaked with the tug-of-war final, contested between Team 1 and Team 2 (IT/CSIT). In a closely fought best-of-three match, Team 2 emerged victorious with a 2–0 win, drawing loud cheers from the spectators.

The ceremony concluded with a grand prize distribution, where winners across all events were felicitated. The event ended on a high note, filled with enthusiasm, applause, and celebrations, marking the resounding success of SAKSHAM and reinforcing the institution's commitment to holistic student development through sports and co-curricular activities.



Fresher's Party नवाध्याय 24

AKGEC transformed into a realm of magic and wonder during the Fresher's Party नवाध्याय 24, held on 18 October 2024. As newly admitted B.Tech, M.Tech, MCA, and MBA students stepped into this spellbinding celebration, they were welcomed into an atmosphere brimming with mystique, warmth, and youthful energy. The evening unfolded with captivating performances, immersive activities, and enchanting moments that together created an unforgettable experience. A thoughtfully designed, nature-inspired ambiance set the stage for instant connections, joyful celebrations, and boundless creativity.

नवाध्याय 24 beautifully blended AKGEC's rich traditions with a vision of limitless possibilities. Every element—from the whimsical décor to the lively entertainment—symbolized fresh

EVENTS @ AKGEC

beginnings and evoked the spirit of adventure and discovery. The event stood as a heartfelt celebration of new journeys, where dreams took flight, friendships were forged, and cherished memories were etched into the hearts of all who attended. It marked a perfect and promising start to an exciting academic journey, leaving students inspired and eager for the future ahead.



Books Exhibition

Ajay Kumar Garg Engineering College, Ghaziabad, organized a Book Exhibition on 24 October 2024 in the college campus. Various book publishers and distributors showcased books covering a wide range of subjects, including Engineering, Computer Science, Applied Sciences, Management, motivational literature, and competitive exam preparation. The exhibition was inaugurated by the Director General, Dr. R. K. Agarwal. The Director and Dean (Library) encouraged students and faculty to explore, purchase, and recommend quality books for the college's central library. A large number of students and faculty members actively participated, showing great interest in the diverse collection. Senior Librarian expressed gratitude to all publishers and distributors for their enthusiastic participation and support in presenting the latest editions of various titles.



DIWALI FAIR EVENT

The Diwali Fair held on 25 October 2024 at our college was a vibrant celebration of the festival of lights, bringing together students, faculty, and staff in a festive spirit. The event was inaugurated by our respected Director General, who graced the occasion with his presence and warm words. A range of stalls set up by students showcased handmade crafts, traditional sweets, and festive decorations, adding a colorful touch to the fair. Numerous fun activities, games, and competitions were organized, filling the day with joy, laughter, and friendly competition. The fair served as a wonderful platform for students to display their creativity and entrepreneurial skills, creating a lively atmosphere that resonated with the essence of Diwali.



TEDxAKGEC 2025

The College, Ghaziabad, proudly hosted the TEDxAKGEC Conference on 3 April 2025, centred on the compelling theme “Go Beyond.” The conference aimed to ignite transformative thinking by encouraging participants to transcend limitations and explore new horizons in technology, innovation, leadership, and personal growth.

The event featured a distinguished lineup of speakers who shared powerful insights drawn from diverse life experiences. Major General Gagan Deep Bakshi SM VSM, captivated the audience with a personal account of the 1971 Indo–Pak War, offering lessons in courage and resilience. Dr. Tanu Jain inspired young minds to embrace discomfort as a catalyst for growth, while Dr. Varun Kapoor highlighted the rising threat of online frauds and the importance of digital awareness. Mr Sumit Awasthi provided thought-provoking perspectives on media ethics and its role in shaping society.

Adding further depth to the discourse, Dr. Mohit Gupta presented a holistic approach to well-being, Ms. Preeti Bajaj spoke on leadership and innovation, Ms. Shivani Kalra shared her inspiring journey of breaking barriers in aviation, and Mr Sarthak Bakshi outlined a visionary roadmap for healthcare transformation.

The conference was further enlivened by soulful musical performances from Hitesh Rikki Madan and Lekhak, which added vibrancy and emotional depth to the intellectual exchange.

Overall, TEDxAKGEC 2025 emerged as a powerful confluence of inspiration, intellect, and creativity—empowering attendees to think beyond boundaries, challenge conventional perspectives, and drive meaningful change in their personal and professional journeys.



Alumni Meet 2025

The 18th Alumni Meet 2025, organized by the Alumni Association of AKGEC, was held on 5 April 2025 at the College Football Ground and emerged as a heartwarming celebration of nostalgia, camaraderie, and joyful reunions. The event brought together alumni across generations, creating a vibrant atmosphere filled with memories, laughter, and renewed connections.

Alumni from the 2003 and 2004 batches, along with graduates from AKGIM and AKGEC, participated with great enthusiasm, particularly during the engaging open mic session, where experiences, anecdotes, and heartfelt reflections were shared. The evening was enlivened by a variety of fun-filled activities, including Tambola and Musical Chairs, which infused the gathering with playful energy. Mesmerizing dance performances by Taal, soulful musical renditions by Euphony, and a dazzling fashion show by Verve added vibrancy and charm to the celebrations. The festivities culminated in an energetic DJ night, where alumni and faculty came together on the dance floor, reliving their college days with infectious enthusiasm.

The event was enriched by the presence of Director General, Directors, Heads of Departments, Deans, Section In-charges, and faculty members, who warmly reconnected with alumni and shared cherished memories, contributing significantly to the grand success of the Alumni Meet.



Vismit'25

Vismit'25, the much-awaited photography exhibition at Ajay Kumar Garg Engineering College, was a vibrant celebration of art, creativity, and collaboration. The event seamlessly blended moments of joy, creativity, focus, and teamwork — all thoughtfully captured and curated by the passionate members of the Photography and Media Club, AKGEC.

The exhibition kicked off with a ribbon-cutting ceremony by our respected Director General, setting the stage for an unforgettable visual experience. The stunning gallery displayed a diverse range of photos, each telling its own unique story. From breathtaking landscapes to emotional portraits, every submission highlighted the incredible talent of our students. Each frame was a testament to the power of perspective, passion, and the artistry behind the lens. We were truly excited to witness the creativity on display — every submission was exceptional, with its own distinct charm and narrative!



Kavi Sammelan'25

Kavi Sammelan'25, organized by Team Footprints, the Fine Arts Society of AKGEC, took place on 1 May 2025, offering an enchanting evening where emotions flowed through verse and silence spoke through poetry. The event brought together a vibrant mix of renowned poets and emerging voices, celebrating the richness of Hindi literature by honoring the rhythm of thought, the strength of expression, and the timeless beauty of poetic art. Each performance left a profound impact, reminding everyone that poetry is not just written — it is experienced, lived, and cherished.



Scribble's Day

Likewise, every year Scribble's Day was held on 13 May 2025, marked a heartfelt farewell for Batch 2025, a day where memories were inked onto shirts, laughter echoed a little louder, and goodbyes felt too soon. It was more than just a farewell; it was a celebration of friendships, shared struggles, inside jokes, and unforgettable moments that defined their college journey. On walls that once held dreams, they left behind their final marks—a heartfelt tribute to the bonds that time may stretch but never fade. Here's to the memories, the smiles, and the promises to never forget.

EVENTS @ AKGEC



प्रयाण '25

The farewell event प्रयाण '25 for the outgoing B.Tech, M.Tech, MCA, and MBA batches was held on 23 May 2025 with heartfelt celebration. Organized by juniors, the evening featured a warm welcome, Ganesh Vandana, captivating performances by Euphony, Taal, MBA and MCA students, along with fun games by Horizon. The event concluded with a Vote of Thanks and dinner, leaving behind cherished memories and joyful goodbyes.



ANTI RAGGING MEASURES AND INDUCTION PROGRAM

Like every year, this year too, the Anti-Ragging Campaign commenced with a meeting between the Director General and all Heads of Departments, followed by the symbolic launch of an air balloon carrying an anti-ragging message above the college complex.

KIRAN: Spreading Anti-Ragging Awareness

The campaign to raise awareness among senior students began with KIRAN (Kaho India Ragging Aur Nahin). The college proctor addressed all 2nd, 3rd and 4th year students, emphasizing the serious consequences of ragging and the strict punishments prescribed for those involved.

Anti-Ragging, Anti-Drug, and Gender Equality Poster-Making Competition

Team Footprints, the Fine Arts Society of AKGEC, took a commendable step towards addressing significant social issues by organizing the annual Anti-Ragging, Anti-Drug, and Gender Equality Poster-Making Competition on 18th September 2024. Through this event, AKGEC aimed to raise awareness among students about these urgent issues while helping them hone their artistic talents. The posters conveyed impactful messages against ragging, drug abuse, and gender disparity, fostering a safer, healthier, and more inclusive campus. The selected posters have been put on display at Team Footprints annual arcade, showcased in the Admin Block, allowing the artwork to reach a wider audience and spark ongoing discussions and reflections.



Kite Flying event

The Anti-Ragging Kite Flying event was celebrated on 17 October 2024 at the college. Organized annually to raise awareness about the harmful effects of ragging and to foster a spirit of friendship among students of all years, the event saw enthusiastic participation. Kites of various sizes and shapes, along with charkhies, were provided by the college, and expert kite fliers were invited to guide students, faculty, and staff. Around 2000 students, along with 200 faculty members, staff, Heads of Departments, Deans, and Section Heads, participated, including Director and Director General, making it a grand success. Awards were given to those who flew kites to the highest points and longest distances, and the event received coverage from local media.



Induction Program

As per guidelines laid down by AICTE/University, a three-week induction program was planned for all first-year students from 5 Sept 2024 to 27 Sep 2024. The program followed a well-structured schedule, incorporating various activities designed to facilitate a smooth transition into college life.

Key Activities During the Induction Program

Universal Human Value1 (UHV1) Classes: Each section of first-year students, with a class size of 70, attended sessions on Human Values as per AICTE guidelines. These sessions were conducted by selected faculty mentors who were qualified in the Human Values and Professional Ethics course offered by the university.

Daily PT/YOGA and Evening Games: Physical Training (PT) was carried out in small size squads of 30 students residing in the college hostel. Each squad was supervised by a senior student under the overall supervision of a well-trained PT teacher. The PT was conducted daily from 06:00 am to 06:45 and the evening games from 04:30 to 6 PM am during Induction Period.



Evening Games: All first-year students attended a daily games period from 4:30 PM to 6:00 PM, where they were encouraged to participate in or observe at least one game of their choice. The sessions were conducted under the supervision of coaches hired by the college.



Engineering Exploration Program: Students were addressed in groups by the General Manager of AKG Skill Centre/TIFAC Core, who provided insights into the various industrial collaborations and MOUs established by the college. Sessions were conducted across ten specialized skill centers, including: LabVIEW Academy, Industrial Robotics Training Centre, Bosch Rexroth Centre, Janatics Industrial Pneumatics Knowledge Centre, Siemens Product Lifecycle Management Centre, AIA Competence Development Centre and Fronius Advanced Welding Technology & Research Centre



Visit of local Areas: First-year students visited the college Faith Centre and various academic departments. Additionally, senior students from different societies guided them through a virtual tour of college facilities and other departments



Lectures by Eminent People: Guest lectures were organized to equip students with essential life skills and perspectives. The following speakers addressed students on key topics:

- Brig. Ramesh Chandra -Time & Stress Management (09 September 2024)
- Col T. P. Tyagi- Nationalism (10 September 2024)
- Col. V N Thapar- Father of Vir Chakra Vijyant Thapar (13 September 2024)
- Dr Abhiruchi Tuli- Music Therapy (13 September 2024)
- Shri Sushil Agarwal- Motivation and Character Development (28 September 2024)



EVENTS @ AKGEC

Literary and Proficiency: Students participated in literary activities such as reading, writing, and debating during their counsellor's periods. They were also introduced to essential computer applications, including PowerPoint, MS Word, and MS Excel, to enhance their technical proficiency.

Creative Art Sessions: Students were divided into groups based on their interests and participated in Creative Art Sessions, allowing them to explore their artistic abilities through structured activities.



CELEBRATIONS

DIWALI CELEBRATION

Ajay Kumar Garg Engineering College, Ghaziabad, celebrated Diwali on 26 October 2024 with an evening filled with joy, unity, and cultural vibrancy. The celebration brought together AKGEC's management, faculty, staff, and their families for a memorable event featuring lively cultural performances, including folk dances, a fashion show, a skit, and musical acts. Fun games like Tambola and the participation of children from a refugee camp adopted by the college added warmth and inclusivity to the festivities. The evening concluded with a spirited DJ session and a delicious dinner, creating moments of togetherness and cheer. The presence of Respected Management Members and their families, Director General and Directors graced the event, underscoring AKGEC's dedication to creating a strong, inclusive and culturally vibrant community.



CELEBRATIONS

GARBA NIGHT

The college hosted a vibrant and colorful Garba Night at the Girls Hostel on 29 November 2024, Organized by the girl students of the college. The event brought together students and faculty for an evening filled with music, dance, and festive cheer. The evening featured graceful dance performances, a melodious musical showcase, spirited games, and the lively 'Miss Garba' contest, which highlighted the talent of fourth-year participants. The beautifully adorned venue added to the festive atmosphere, captivating everyone's attention. The event fostered a sense of community and cultural appreciation among the attendees. The evening concluded with a heartfelt speech and a promise to make the next event even bigger and better.



CELEBRATIONS

STUDENT AWARD CEREMONY

The College celebrated an evening of distinction and achievement during the Extracurricular and Sports Award Ceremony, held on 7 January 2025. The event provided a prestigious platform to recognize and applaud the diverse talents, dedication, and accomplishments of the AKGEC community beyond the classroom.

Organized by Team Footprints, the Fine Arts Society of AKGEC, the ceremony showcased a remarkable spectrum of student achievements. These included spirited victories at the AKTU State and Zonal Sports Fest, insightful technical presentations at the ISTE Tech Symposium, and impactful creative expressions through the Anti-Ragging, Anti-Drug, and Gender Equality Poster Campaigns. The seamless planning and execution of the Navadhyay'24 Freshers' Party further highlighted the enthusiasm, teamwork, and leadership demonstrated by the students.

The ceremony stood as a celebration of excellence, creativity, and holistic development, reflecting AKGEC's commitment to nurturing well-rounded individuals who excel in academics, sports, culture, and social responsibility.



CELEBRATIONS

BASANT UTSAV

College celebrated the Basant Utsav on 14 February 2025 in the form of Kite Flying Competition among faculty and staff of the college. Director General, HoDs, Deans, Section Incharges, all Faculty and Staff were present for the function held in the College foot ball ground. Total 27 pre-registered teams of faculty and staff consisting of three members each, flew kites. Twenty seven faculty/staff were awarded cash prize and the college caps for Kite Flying Skills by Dr RK Agarwal, the Director General.



26th AJAY KUMAR GARG MEMORIAL TABLE TENNIS TOURNAMENT

AKGEC organised the 26th edition of the prestigious annual sports event Ajay Kumar Garg Memorial Table Tennis Tournament under the aegis of Ghaziabad Association of Table Tennis (GATT) affiliated with Uttar Pradesh Table Tennis Association in the college during 15-16 February 2025. The National Level Tournament is held every year for all professional Institutes, colleges and schools of the country.



CELEBRATIONS

NATIONAL CONSTITUTION DAY

Ajay Kumar Garg Engineering College celebrated National Constitution Day on 26 November 2024, commemorating the adoption of our nation's guiding document. The event showcased the incredible talent and enthusiasm of our students through various activities.

Three key events were organised to mark the occasion: a speech competition, a rangoli competition, and a poster-making competition. Students participated with remarkable enthusiasm, showcasing their creativity, eloquence, and understanding of constitutional values through these activities.

Team Renaissance orchestrated this event, seamlessly managing its flow and ensuring its success. Their efforts brought together students and faculty to honour the spirit of unity, democracy, and diversity enshrined in our Constitution.



Republic Day

The Republic Day celebration on 26 January 2025 at Ajay Kumar Garg Engineering College, Ghaziabad, was marked with great enthusiasm. The event commenced with the arrival of the esteemed Director General, who was escorted by the senior cadets of the NCC. The ceremony began with the hoisting of the national flag by the Director General, followed by the singing of the National Anthem, filling the atmosphere with pride and unity. In his address, the Director General praised the efforts of the students and the faculty in organizing such a grand celebration. He emphasized the importance of Republic Day and urged everyone to uphold the values enshrined in the Constitution of India.

The highlight of the event was the parade, where cadets demonstrated their marching skills with impeccable coordination and flagged him the guard of honor. The Director General took the salute of the parade, appreciating the precision, dedication, and hard work of the cadets.



CELEBRATIONS

HOLI CELEBRATION

The spirit of Holi came alive at AKGEC as students celebrated the festival of colors with joy and enthusiasm on 7 March 2025. The campus was filled with vibrant colors, laughter, and festive energy. Before heading home for the holidays, students came together to spread happiness, applying high-quality colors and gulal provided by the college. To add sweetness to the celebration, each student was also treated with delicious Gujiya. Breaking all barriers of caste, religion, social status, and hierarchy, students danced to classic Hindi songs, enjoying every moment with unity and friendship.



CONVOCATION CEREMONY

The 20th Annual Convocation Ceremony was celebrated on 5 April 2025, in the esteemed presence of Prof. J.P. Pandey, Hon'ble Vice Chancellor of AKTU and Dr. Anil Sahasrabudhe, Chairman of NETF, NAAC (EC) and NBA, who graced the occasion as Chief Guest. The event commenced with Dr. R.K. Agarwal, Director General, presenting the annual report, showcasing the college's achievements in academics, co-curricular activities, and social outreach while emphasizing the institution's focus on values and ethics.

Dr. Sahasrabudhe highlighted the rapid advancements in AI, Machine Learning, ChatGPT, and Robotics, commended India's digital strength during the pandemic, and encouraged students to embrace value-based education with a global mindset. Prof. J.P. Pandey inspired graduates to become job creators and future leaders, acknowledging the contributions of teachers and parents. Degrees were awarded to 1235 students from B.Tech, M.Tech, and MCA programs of 2023–24 session, with Shri Ashok Kumar Pal leading the Graduation Oath, making the event a significant and memorable milestone.



CELEBRATIONS

International Yoga Day

The college celebrated International Yoga Day on 21 June 2025, reaffirming its commitment to holistic well-being for faculty, staff, and students. The event saw the enthusiastic participation of approximately 500 students and 30 faculty and staff members, who engaged in a week-long Yoga practice leading up to the celebration. Beyond this annual event, Yoga has now been integrated into the daily routine of First and Second-year students as part of the course curriculum of AKTU.



CELEBRATIONS

Independence Day

Ajay Kumar Garg Engineering College proudly celebrated the 79th Independence Day on 15 August 2025 with great enthusiasm and patriotic fervour. The ceremony commenced with the hoisting of the National Flag, followed by the National Anthem, cultural performances, and heartfelt tributes to the nation's freedom fighters. Faculty members, staff, and students came together to honour the spirit of independence and reflect on India's journey of progress.

The celebration reaffirmed the institution's commitment to upholding the values of freedom, unity, and responsibility, while inspiring the campus community to contribute meaningfully to the nation's growth and development. Patriotic programmes and ceremonial observances highlighted AKGEC's deep respect for India's unity, heritage, and democratic ideals.

The National Cadet Corps (NCC) Unit of AKGEC played a pivotal role in the proceedings, leading the ceremony with discipline and precision. NCC cadets efficiently managed piloting duties, escort responsibilities, and overall ceremonial coordination. Through these solemn yet spirited observances, AKGEC reaffirmed its dedication to honouring the nation's freedom and instilling in students the enduring values of patriotism, discipline, and national service.



Social Responsibility

Refugee Camp

In January 2020, the college adopted a Hindu refugee camp in Adarsh Nagar, Delhi, which houses 160 families with over 850 members who migrated from Hyderabad, Pakistan. The residents primarily sustain themselves through small trades, such as selling mobile phone covers and seasonal vegetables. Understanding the need to improve their living conditions, the college regularly visits the camp to assess their challenges and provide necessary support like warm clothes, books and stationery etc.

To foster the holistic development of children living in the refugee camp and to bring the joy of festivity into their lives, the college took a heartfelt initiative by training them to perform a vibrant group dance for the Diwali celebration held on 26 October 2024. The children, accompanied by their teachers, were warmly invited to participate in the event, giving them an opportunity to showcase their talent, build confidence, and feel a sense of belonging in a larger community celebration.

Adding to the spirit of care and inclusivity, the college distributed blankets and prizes to the children and their teachers. This thoughtful gesture not only provided comfort and encouragement but also reinforced the message that education and compassion go hand in hand. The initiative transformed the Diwali celebration into a truly meaningful experience—one that illuminated lives with hope, joy, and togetherness.



SOCIAL RESPONSIBILITY

Unnat Bharat Abhiyaan

In a dedicated effort to contribute to the upliftment of rural communities, Ajay Kumar Garg Engineering College (AKGEC) has actively embraced the Unnat Bharat Abhiyan (UBA), a flagship program by the Ministry of Human Resource Development. UBA seeks to forge links between Higher Education Institutions and villages, fostering economic and social development through knowledge-sharing. AKGEC, under UBA, has adopted five villages in Ghaziabad – Raghunathpur, Sadat Nagar Ikla, Piplehda, Galand, and Kalchhina.

On 20th September 2024, the college organized an awareness campaign on cleanliness and the environment under Unnat Bharat Abhiyan (UBA). The campaign was conducted in Galand village by college students. The students conducted a cleanliness drive and then moved towards the school of village by creating awareness of swachhata by a rally of 94 students of B.Tech. & MCA.



Under AKTU University's पढ़े महाविद्यालय / बढ़े महाविद्यालय initiative, a program was organized to promote healthy reading habits and social awareness among students and the community. On 07 March 2025, students, faculty and staff took a collective pledge for “दहेज मुक्त भारत” and “नशा मुक्त भारत.” To extend the impact, faculty, staff, and student volunteers visited the adopted Galand village, where pledges were conducted at the village panchayat ghar and a local school, actively involving villagers.

As an outcome, 76 persons from Galand village took the pledge and registered under AKTU's Women's Day 2025 initiative. Student volunteers also engaged with villagers, discussing educational challenges and encouraging awareness and participation in social reform activities.

SOCIAL RESPONSIBILITY



Medical Camp

On 23 November 2024 and 21 December 2024, the college actively participated in free health camps organized by Indo-German Hospital, demonstrating its strong commitment to community welfare and social responsibility. Faculty members, students, and volunteers collaborated with medical professionals to support the smooth conduct of the camps by assisting in registration, guiding patients, and spreading awareness about preventive healthcare.



Adarsh Vikas Kendra

The college is running a primary school named “Adarsh Vikas Kendra” to provide free primary education to children of economically weaker sections of society. These children are provided free uniforms, books, bags and are regularly attending classes conducted in the campus. These children are also being provided fully nutritious free meal (lunch) during the day by the college. The college has also made arrangements to provide them basic knowledge of computers. A TV set with TATA sky connection has also been provided to the school by the college.



SOCIAL RESPONSIBILITY

BLOOD DONATION CAMP

Ajay Kumar Garg Engineering College, in collaboration with Rotary Club Ghaziabad North, successfully organized its Annual Blood Donation Camp on 9th April 2025, led by our enthusiastic Renaissance Society students. The week-long campaign featured an Awareness Talk on 7 April 2025, a Poster Making Competition on 8 April 2025 and culminated in the mega donation drive, collecting an incredible 559 units of blood from students, faculty, and staff.

The event was graced by senior members of the Rotary and Investment Clubs and turned into a heart-warming celebration of service, compassion, and community.



“ From Our
Passing Out Students

Alumni Speak

Being a graduate of AKGEC, I truly appreciate the strong academic base the institution helped me build. The well-planned infrastructure, serene green surroundings, and modern facilities created a comfortable and motivating atmosphere for growth, both academically and personally. Supportive faculty members and accessible learning resources played a key role in guiding us throughout our journey.

Apart from academics, the campus experience at AKGEC was dynamic and engaging, with numerous cultural and technical communities to be part of. Among them, the Software Incubator stood out as a particularly enriching experience. These platforms gave me the opportunity to collaborate with peers, explore new ideas, and develop practical and leadership skills. Altogether, AKGEC offered a balanced and enriching environment that made my college life memorable and rewarding.



Ankit Mishra
Software Engineer - Arista Networks
(2019-2023)



Ritik Gupta
Software Engineer 2 - PayPal
(2018-2022)

As a former student of AKGEC, I found the institution to be a well-rounded place that balances academics with overall development. The campus features updated laboratories, comfortable classrooms, and ample greenery, which together create a positive and focused learning environment. The teaching staff is experienced and approachable, emphasizing hands-on learning and preparing students for real industry challenges.

Student involvement is strongly encouraged through various technical and interest-based clubs. Platforms such as the Software Incubator provide exposure to innovation, project development, and entrepreneurial thinking, while other technical societies organize events, workshops, and contests that keep learning interactive. Although large-scale cultural events are few, the enthusiasm of student-led groups builds a close and energetic campus culture. Overall, AKGEC plays an important role in shaping students with both technical competence and essential life skills for their future careers.

AKGEC played a significant role in shaping me not just academically, but also as a professional. The environment pushed me to take responsibility for my work, think critically, and confidently handle real-world challenges in software development. Over time, I noticed a clear difference in both technical competence and overall confidence when compared to peers from other institutions.

The CSE faculty during my time was highly supportive and motivating. They constantly encouraged participation in hackathons, hands-on project development, and meaningful interactions with people in the tech community. This guidance helped me build practical skills, improve collaboration, and develop a mindset that has been extremely valuable in my career journey.



Rishabh Tyagi
SDE 2 - Amazon
(2018-2022)

To be honest, AKGEC has been a crucial part of my personal and professional growth. It offered much more than a theoretical engineering education, focusing strongly on practical exposure and preparing students to handle real-world challenges with confidence. The guidance and support from experienced faculty members played a major role in helping me continuously improve my technical knowledge and adapt to new technologies. In addition to academics, the institute encouraged active participation in various extracurricular activities and campus events, which contributed greatly to my overall development. These experiences helped me grow not only as a professional but also as an individual, shaping my mindset, values, and approach toward teamwork and responsibility.



Prabhanshu Chauhan
Technical Architect - Confluent
(2016-2020)



Garima Pandey
SDE 1 - Amazon
(2019-2023)

My time at Ajay Kumar Garg Engineering College was a transformative experience that shaped both my ambitions and outlook. It was a place where my interests gradually turned into purpose, and I became more aware of my abilities by learning alongside motivated and creative peers. The campus brought together students from varied backgrounds, creating an environment rich in ideas, collaboration, and healthy competition.

Learning extended far beyond lectures and practical sessions, as teamwork, problem-solving, and innovation became part of everyday life. Whether through intense problem-solving sessions, collaborative assignments, or long hours spent refining projects, I was constantly challenged to grow. The guidance and encouragement from faculty and mentors made the journey even more meaningful. AKGEC didn't just equip me with technical knowledge; it connected me to a driven community that inspired me to think bigger and continually push my limits.

AKGEC was far more than an educational institution for me; it was a space where I truly evolved as a person. The years spent there were filled with learning, emotions, and experiences that went well beyond textbooks and classrooms. Surrounded by an energetic campus environment and supportive mentors, I found the encouragement needed to grow both intellectually and personally.

What I value most are the moments shared with friends—long discussions, group study sessions, shared struggles, and small joys that strengthened our bonds. The faculty members were not only teachers but guides who consistently motivated us and believed in our potential. Over time, the campus became a close-knit ecosystem where friendships turned into lifelong connections. AKGEC is not just an institution I studied at; it represents memories, growth, and a sense of belonging that will always remain a part of me.



Suhail Ahmad
Software Engineer II at Benefi Global
(2021-2025)



Ayush Raghuwanshi
Software Engineer at Benefi Global
(2021-2025)

My experience at AKGEC stands out as a defining phase of my development, as the institution continuously encouraged growth, learning, and self-discovery. It offered a strong blend of structured academics and experiential learning, enabling students to convert concepts into practical outcomes. The campus environment itself promoted learning everywhere—from advanced labs and collaborative spaces to calm areas meant for reflection and focus. What truly set the experience apart was the role of the faculty, who went beyond conventional teaching to encourage analytical thinking and creativity. Alongside academics, various student-led initiatives and societies created opportunities to take initiative, collaborate, and contribute meaningfully. AKGEC provided more than technical expertise; it instilled confidence, adaptability, and a growth-oriented mindset that continues to guide me well beyond my college years.

Looking back, the college played a meaningful role in shaping both my professional journey and personal outlook. It offered far more than classroom instruction by creating an environment that encouraged questioning, creativity, and initiative. Through thoughtfully designed coursework, practical lab work, workshops, and exposure to industry practices, I was able to understand how theoretical concepts translate into real-world solutions. The faculty members were not limited to teaching subjects; they acted as mentors who consistently pushed me to improve and believe in my abilities.

Equally important was the vibrant student culture, enriched by active clubs and societies that allowed me to explore my interests beyond academics. My involvement in the Software Incubator was particularly impactful, as it helped me collaborate with peers, work on meaningful projects, and develop a strong sense of teamwork and leadership. The values I gained during my time at AKGEC—perseverance, integrity, and responsibility—continue to guide the way I approach challenges and opportunities today.



Ayush Jain
Software Engineer at Google
(2020-2024)



Himanshu Sachan
Software Engineer at SHL
(2019-2023)

Reflecting on my college years, I realize how deeply they influenced both my career path and personal growth. The institution provided much more than academic knowledge; it fostered a culture that encouraged independent thinking, innovation, and proactive learning. A well-balanced mix of structured academics, hands-on laboratory sessions, workshops, and industry exposure helped me bridge the gap between theory and practical application. The faculty played a crucial role in this journey, not just as educators but as mentors who motivated me to push boundaries and continuously evolve.

Alongside academics, the dynamic campus life greatly enriched my experience. Active student groups and societies offered opportunities to explore interests beyond the classroom and develop essential life skills. My time with the Software Incubator proved especially valuable, as it allowed me to collaborate closely with peers, build impactful projects, and strengthen my leadership and teamwork abilities. The principles and values I developed during my time at AKGEC—such as resilience, honesty, and accountability—remain integral to how I approach both professional and personal challenges today.

When I look back on my college journey, it's clear that those years played a significant role in shaping who I am today, both professionally and personally. The institution went beyond delivering coursework by creating an environment that promoted curiosity, creativity, and self-driven learning. Through a thoughtful combination of academic rigor, practical lab work, workshops, and exposure to industry-oriented practices, I learned how to apply theoretical concepts to real-world situations. The guidance of faculty members was instrumental, as they consistently encouraged growth, confidence, and continuous improvement.

Beyond academics, campus life added immense value to my overall experience. Student-led clubs and societies provided a platform to discover new interests, collaborate with others, and develop crucial soft skills. My involvement with the Software Incubator was particularly impactful, offering opportunities to work on meaningful projects, learn collaboration firsthand, and grow as a leader. The lessons and values I gained at AKGEC—such as perseverance, integrity, and responsibility—continue to influence the way I handle challenges and opportunities in every aspect of my life.



Akshay Agarwal
Software Engineer II at CRED
(2017-2021)



Kavi Kumar
Software Engineer III at PayPal
2018-2022

Thinking back on my time in college, I can clearly see how it helped shape both my professional outlook and personal development. The experience extended far beyond academics, offering an atmosphere that encouraged exploration, original thinking, and taking initiative. A strong blend of structured learning, practical laboratory exposure, workshops, and industry-focused activities helped me understand how classroom concepts translate into practical solutions. Throughout this journey, the faculty played an essential role by offering constant support, motivation, and guidance that pushed me to grow with confidence.

Equally meaningful was the vibrant student environment, which played a major part in my growth outside the classroom. Involvement in various clubs and societies allowed me to explore my interests, work closely with peers, and strengthen important interpersonal skills. Being part of the Software Incubator was especially enriching, as it gave me the chance to contribute to real projects, learn the value of teamwork, and develop leadership qualities. The values instilled during my time at AKGEC—such as resilience, ethics, and accountability—continue to guide my approach to both professional challenges and personal goals.

Looking back at my college years, I realize how influential they were in shaping my career direction and overall personality. The institution offered much more than formal education by cultivating an environment that inspired curiosity, independent thought, and proactive learning. A balanced mix of academic structure, hands-on laboratory work, workshops, and exposure to industry practices helped me bridge the gap between theory and real-world application. The faculty members were a constant source of encouragement, providing mentorship and guidance that helped me build confidence and grow steadily.

Outside the academic framework, campus life played a vital role in my personal development. Active participation in student groups and societies allowed me to explore new interests, collaborate with diverse individuals, and refine essential communication and teamwork skills. My experience with the Software Incubator stood out, as it offered practical exposure through project-based work and opportunities to develop leadership abilities. The principles I carried forward from AKGEC—such as perseverance, integrity, and a strong sense of responsibility—continue to shape how I approach challenges and opportunities in my professional and personal life.



Deepanshu Jain
Senior Software Engineer II at EclecticIQ
(2016-2020)



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