SAMPARK

A PUBLICATION OF AJAY KUMAR GARG ENGINEERING COLLEGE

2018-19 ISSUE

AJAY KUMAR GARG ENGINEERING COLLEGE

AKGEC

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.
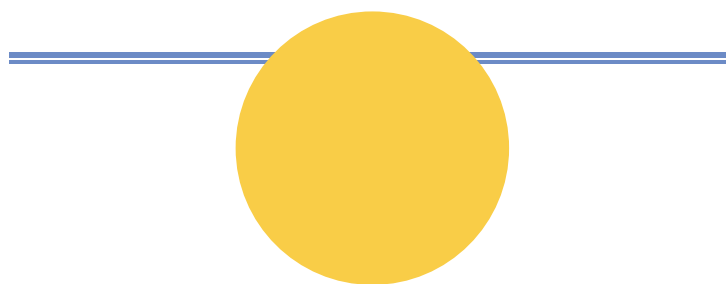
Editor's Letter

SAMPARK

PATRON
Dr. R. K. Agarwal
Director

EDITOR
Dr. Mamta Bhusry
Professor
Department of Computer
Science and Engineering

I t is my pleasure to present to you the 2018-19 edition of Sampark, the exhilarating flash back of events and achievements of AKGEC during 2018-19.

The primary purpose of SAMPARK, meaning 'In Touch' is to inform, engage, inspire and entertain a diverse readership – the management, faculty, staff, students, alumni, parents, recruiters and collaborators of AKGEC by presenting an intimate and honest portrait of the college. Sampark is a testimony of AKGEC's pursuit for excellence without compromising on the values and ethics deeply engraved into its culture. An important mission of the magazine is to celebrate the curricular, co-curricular and extra-curricular achievements of the college. It highlights what the techno-literate do in this college as part of their creativity during their academic pursuits. As you turn through the pages of this edition, you will realize the sheer quantum of activities the students and faculty of this institute have undertaken in the past one year.

The editor owes special gratitude to Director Dr. R.K. Agarwal for his untiring guidance and encouragement to create another edition aimed at keeping in touch with the readers. Also, without the unflinching support of all contributors – Heads of Departments, Deans, Section In-charges, faculty and students, this publication would not have been possible.

Prof. Mamta Bhusry
Editor

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Director's Desk

An educational institution should aim for 360 degree development of its students and faculty through promotion of research, culture, social welfare and personal development. With this conviction, AKGEC aims to offer the best possible opportunities to its students and faculty to invoke their interest and help them pursue their dreams.

AKGEC has state-of-the-art infrastructure and a skilled team available to help our learners to scale the zenith of excellence. Apart from the mainstream academic and curriculum activities, the college offers a plethora of knowledge building programs, targeted skill trainings, industry interfaces, personality development programs and rewards for those who undertake these. The campus has an enriching environment with several activities in the sphere of sports, culture, literature and technology, along with a special emphasis on building ethics. The current issue of SAMPARK is a reflection of all such significant efforts.

The outstanding results of students with Chancellor's Medal for the third consecutive year, college awards, accolades won by students in various competitions across the country and the college Centers of Excellence speak volumes about the quality of excellence achieved. The college continues to thrive for more in the future.

My best wishes and guidance will always envisage to shape students into confident, competent, committed and compassionate future citizens.

Last but not the least, I express my gratification on this new edition of Sampark that brings to you the numerous achievements of various facets of AKGEC.

Dr. R. K. Agarwal
Director

CENTRES OF RELEVANCE AND EXCELLENCE (CORE)

The college places special emphasis on bridging the industry academia gap and grooming the students to be industry ready. The efforts include collaboration with industries at various levels, collaborative facilities for student training in emerging multi disciplinary technologies and undertaking industry sponsored consultancy projects.

A number of initiatives and joint ventures with eminent multi-national companies have lead to establishment of many multi-disciplinary, high technology industry relevant facilities under AKGEC Skills Foundation (ASF). These include Kuka Industrial Robotics Training Centre, NI-LabVIEW Academy, Bosch Rexroth Centre of Competence in Automation Technologies, Janatics Industrial Pneumatic Knowledge Centre, Siemens PLM Centre of Excellence, AIA Centre for Integrated Automation, Fronius Advance Welding Technology & Research Centre, Siemens Advance Machining Centre, FabLab, Mitsubishi Drive and Control Lab and Skill Development Centre.

In addition, the College has established the Big Data Centre of Excellence, Software Development Centre, Cloud Computing Cell, Research and Industrial Consultancy Centre and Open Source Software Research & Development Lab. These centers are run and managed entirely by the students to promote software development for the college as well as external clients, offer consultancy, conduct training programs in various technologies and host competitions.

Industrial Consultancy
Indian Railways: Modern Coach Factory, Rae Bareli

AKGEC, in its endeavour to promote skilling of industry professionals using its world class training and research infrastructure in Automation, Robotics and Advanced Manufacturing domain, has joined hands with Modern Coach Factory (MCF) of Indian Railways located in Rae Bareli, U.P.

Under this initiative AKGEC has organized 'Training Program on Smart Manufacturing' at AKGEC Campus for ten young officers of Indian Railways from 17 July, 2018 to 31 July, 2018 and a one day workshop on 'Manufacturing Execution System' at Modern Coach Factory for senior and middle management of MCF. Under the program, the participants were given opportunity to gain technical exposure and hands on working experience at various Centres of Excellence at AKGEC. These are now being followed up with regular in plant training programs by AKGEC at MCF, Rae Bareli. Three in plant training programs on Robot Operation & Programming were conducted for engineers from Indian Railways and associated organizations at Modern Coach Factory Rae Bareli during September, 2018 to March, 2019.

It is a matter of pride for AKGEC that Hon'ble Prime Minister Shri Narendra Modi visited AKGEC Skills Foundation (ASF) Stall during visit to Modern Coach Factory (MCF) at Rae Bareli on 16 December, 2018. He appreciated the joint efforts of ASF & MCF to conduct First In Plant Robotic Training Program for technical professionals of MCF and other coach factories of Indian Railways.

Indian Air Force Base Repair Depot

AKGEC Skills Foundation (ASF) team visited No. 1 & No. 4 Base Repair Depot (BRD) at Kanpur in May, 2018 and June, 2018 respectively and No. 7 BRD, Tughlakhabad Air Force Station in August, 2018. No. 7 BRD have sought ASF's support in conducting repair and life enhancement studies of their Surface to Air Missile Launching Systems. ASF has also been requested to scan and develop a 3D printed model of their Surface to Air Missile Launcher which may be presented to the Prime Minister on Air Force Day. AKGEC has been attached to Nodal Technological Centres (NTC) of No. 7 BRD, Tughlakhabad, New Delhi and No. 3 BRD, Chandigarh. Prof. Ashiv Shah, Prof. I. P. Sharma and Mr. Som Ashutosh participated in NTC Symposium organized by 7 BRD, Indian Air Force, at Air Force Station, Tughlakabad on 27 September, 2018.

Indigo Airlines Maintenance Team on Welding Technology

AKGEC FRONIUS Advance Welding Technology & Research Centre, AKGEC Skills Foundation, organized training program on Welding Technology for the maintenance staff of Indigo Airlines during 1-3 April, 2019. The program was organized in collaboration with TÜV Rheinland (India) Pvt. Ltd. as the certifying body.

Sessions on Good Engineering Practices, Shielded Metal Arc Welding, Gas Metal Arc Welding Process and Weld Defects & Trouble Shooting were conducted by Scientific Officers, ASF. Hands on sessions were conducted at AKGEC Skills as well as at Indigo Airlines welding workshop situated inside the New Delhi Airport.

Honda R&D India Pvt. Ltd., Manesar

AKGEC FRONIUS Advance Welding Technology & Research Centre, AKGEC Skills Foundation, organized a fully residential training program on Brazing Technology for the engineers of Honda R&D India Pvt. Ltd., Manesar on 25 and 26 April, 2019. The program was jointly organized with Indian Institute of Welding (IIW) and attended by six engineers from Honda R&D Division, Manesar.

The training, including hands on session, was conducted by Scientific Officers, Tifac CORE.

Memorandum of Understanding

IPG Photonics

AKGEC signed an MOU with IPG Photonics, a leading developer and manufacturer of high-performance fibre lasers and amplifiers for diverse applications in numerous markets, on 12 December, 2018 to setup one of the most advanced Robotic Laser Cutting and Welding facility. IPG is a global company with manufacturing facilities in the U.S., Germany, Russia and Italy, and regional sales offices in China, Japan, Korea, Taiwan, India, Turkey, Brazil, Mexico, Singapore, Spain, Poland, Czech Republic, Canada, and the United Kingdom. Its products are displacing traditional technologies in many current applications and enabling new applications for lasers.

Mitsubishi Electric India

Ajay Kumar Garg Engineering College & Mitsubishi Electric India (MEI) have joined hands and signed MOU on 27 March, 2019. On this occasion, Mr. Katsunori Ushiku, MD & Mr. Hisahiro

Nishimoto, Director, Head-FAID Mitsubishi Electric India, along with their team of officials visited AKGEC to inaugurate Robotic Cell at Mitsubishi Drive & Control Lab.

This collaboration is expected to provide a platform for Industry-Academia Interaction and promote Robotic & Automation Technologies in Engineering Education and SMEs of the region. This will also help to fill the gap related to high levels of youth unemployment and a shortage of job seekers with critical skills related to multidisciplinary field of Robotics and Automation in India. It will facilitate young engineers to get the chance to learn industry oriented skills and have hands on experience with state-of-the-art tools comprising of latest software / hardware provided by MEI.

SkillSonics India Pvt. Ltd.

AKGEC Skills Foundation and SkillSonics India Pvt. Ltd. (SIPL) signed MOU on 12 April, 2019. The MOU was signed by Dr. R. K. Agarwal, Chief Executive Officer, ASF and Mr. Prasenjit Kundu, Chief Executive Officer, SIPL along with Ms. Ranu Mishra, Regional Manager, Sales & Relationship.

SkillSonics is an international provider of apprenticeship training and professional skill development based on the Swiss dual-track VET system. It implements training programs for apprentices, trainers, examiners and vocational education experts throughout the world.

The primary purpose of the MoU is to develop mutual relationship, which will help in catering to the growing demand of industries for the trained manpower and to offer joint training programs for corporate employees, students and engineering professionals.

Institution of Electronics and Telecommunication Engineers (IETE)

AKGEC Skills Foundation & Institution of Electronics and Telecommunication Engineers (IETE) have joined hands and signed MOU on 24 April, 2019. This MOU was signed by Dr. R. K. Agarwal, Chief Executive Officer, ASF and K.T.V. Reddy, CEO, IETE along with Brig. Vijay Kumar Panday, Chairman, Skill Development Committee, IETE.

The primary purpose of the MoU is to promote high end multidisciplinary engineering tools and technologies among youth to provide them opportunity to learn and earn global certifications by eminent multinational industries, through their active participation in Short Term Vocational Training Programs to be conducted at

various IETE centres across the country. These programs are to be conducted to strengthen the 'Make in India' and 'Skill India' initiatives of Govt. of India, expected to boost employability of young aspirants at National & International levels.

Shri Venkateshwara University, Gajraula

Shri Venkateshwara University (SVU) is a multi-disciplinary, student-centric, research-focused University offering a full range of academic programs at the undergraduate, postgraduate and doctoral levels.

AKGEC Skills Foundation signed MOU with the University for training engineering and diploma students of SVU, on Industry relevant courses.

The MOU was signed by the Honorable Vice Chancellor of SVU, Brigadier (Dr.) V. D. Abraham and Dr. R. K. Agarwal, Chief Executive Officer, AKGEC Skills Foundation on 10 September, 2018.

Chittagong University of Engineering and Technology (CUET) Bangladesh

Chittagong University of Engineering & Technology (CUET), a prominent and prestigious degree-awarding institute in the engineering education of Bangladesh, has established a state-of-the-art fabrication laboratory FABLAB CUET.

A Memorandum of Understanding was signed on 28 September, 2018 between AKGEC Skills Foundation (ASF) and CUET. The primary purpose of the MOU is to combine the efforts of CUET & AKGEC to enhance relations between the two organizations and to develop academic and cultural interchange in the areas of education, research, entrepreneurship & innovation.

JMIT, Radaur

Seth Jai Parkash Mukand Lal Institute of Engineering & Technology (JMIT), affiliated to Kurukshetra University, runs professional academic programs of B.Tech., M.Tech, MCA & MBA with over 3000 students on the campus. A Memorandum of Understanding was signed on 9 January, 2019 between AKGEC Skills Foundation and JMIT, Radaur

PIET, Panipat

Panipat Institute of Engineering & Technology (PIET), established by the Vidyapeeth Education Trust, is a multidisciplinary institute affiliated to Kurukshetra University providing undergraduate and postgraduate programs in Engineering and Management. MoU between ASF and PIET was signed on 5 February, 2019 to work in collaboration towards skill development

The primary purpose of the MoUs with PIET and JMIT is collaborated effort to produce industry relevant, highly skilled, globally employable young engineers in the field of Industrial Automation, Robotics, Manufacturing & Fabrication through Skill India Mission.

Antrix Academy

Department of CSE, AKGEC signed MoU with Antrix Academy, a division of Froyo Technologies Pvt. Ltd., Noida, on 20 February, 2019 for establishing Machine Learning Centre of Excellence. Twenty embedded kits have been purchased by the Centre. Under the MoU, Antrix Academy will train the students on different type of sensors & actuators that would be used in automation devices with a cutting edge technology of Machine Learning & Artificial Intelligence with IoT integration. The students will be working on some industry projects as well.

ATS InfoTech Pvt. Ltd.

Department of CSE, AKGEC signed MoU with ATS InfoTech Pvt. Ltd. – Authorized Microsoft Education Partner on 20 February, 2019 for establishing the Microsoft Imagine Academy with the objective to train the students on various courses like Cross Platform Mobile Application Development, Data Analytics Using Python etc. Students under the Academy would be offered International Certifications at discounted price. Students will also get to attend sessions from industry experts who will run them through various trends and technologies.

Training Programs
Study Tour by Fab Lab Bangladesh Network

The Fab Lab program began as a collaboration between the grassroots invention group and the Centre for Bits and Atoms at the Media Lab in the Massachusetts Institute of Technology (MIT), USA with a grant from the National Science Foundation (Washington, DC) in 2001.

In Asia region, the first Fab Lab was established in India. Since then it has expanded to more than 81 sites in 21 countries and still growing. AKGEC joined the club of Fab Lab Community along with IIT, Kanpur; College of Engineering, Pune; NSIT, Delhi etc. in 2017 and since then has been growing and exploring among the network. Fab Labs provide widespread access to modern means of invention.

AKGEC Fab Lab, as a part of its outreach program to establish global connect, hosted a Study Tour for Bangladesh Fab Lab network. The Fab Labs in Bangladesh were established by University Grants Commission of Bangladesh under Higher Education Quality Enhancement Project (HEQEP), funded by The World Bank. This program is organized to help Bangladesh community in setting up Fab Lab in their country and empowering them to solve their local community problems using Digital Manufacturing Technology.

The program was organized from 16-28 July, 2018 and participated by Fab Labs from Independent University Bangladesh (IUB) Dhaka, Dhaka University of Engineering & Technology (DUET) Gazipur and Chittagong University of Engineering & Technology (CUET) Chittagong.

AKGEC Fab Lab offers the Fab Academy Diploma program at its state-of-the-art facility. The Fab Academy teaches principles and applications of digital fabrication. The instruction is based on MIT's popular rapid-prototyping course "How to Make (almost) Anything", taught by Prof. Neil Gershenfeld. It was developed to teach hands-on skills in Fab Labs, which began as an outreach project from MIT's Centre for Bits and Atoms, and has grown into a global network of more than 1000 labs.

During 2019, six students from Maker's Asylum, National Centre for Toxicological Research (USA), IIT Delhi, University of Delhi and AKGEC completed the Fab Academy Program from 14 January, 2019 to 10 July, 2019.

Specialized Boot Camp for India Skills Participants at AKGEC NI LabVIEW Academy

AKGEC Skills Foundation, on behalf of National Instruments, Sponsor of World Skills Competition for Mobile Robotics Skill and NSDC through Instrumentation, Automation, Surveillance & Communication Sector Skill Council (IASC-SSC), conducted a four day specialized training at NI LabVIEW Academy, during 5-8 September, 2018, for nine regional winner teams from Andhra Pradesh, Odisha, UP and Uttrakhand.

During this training, participants were given insight about international rules and norms for the competition. They were also introduced to Virtual Instrumentation field, LabVIEW Programming and its integration with various hardware.

Students of Government ITI Chamba

A training program on Welding Technician Level 3, sponsored by SEWA THDC, Dehradun, was successfully conducted for 17 students of Govt. ITI, Chamba from 18 September, 2018 to 31 October, 2018. Certificates were given to trainees in the presence of Mr. Shailendra Singh, GM, THDC and Mr. Sunil Shah, Manager, Sewa THDC, Dehradun during the Valedictory Ceremony on completion of the training.

Short Term and Winter Training Programs

Short Term and Winter Training Programs were conducted by the various Centres of Excellence under AKGEC Skills Foundation during the year. The participants were mainly from MBM Engineering College, Jodhpur; Oxford College of Engineering, Bangalore; Amity University, Gurgaon; RDEC, Ghaziabad; Savonia University, Finland; B.S Nangpuria Institute of Technology, Faridabad; Sri Krishna College of Engineering and Yashwantrao Chavan College of Engineering, Nagpur

Program	Number of Participants	Centres of Excellence	Duration
Winter Training Programs (06)	120	• KUKA Industrial Robotics Training Cerntre • BOSCH Centre of Competence in Automation Technology • Advance Welding Technology Research Centre • NI LabView Academy • Advance Manufacturing Centre	40/80 Hrs
Short Term Training Programs (11)	140	• Advance Welding Technology Research Centre • Advance Manufacturing Centre • SIEMENS PLM Centre • BOSCH Centre of Competence in Automation Technology • KUKA Industrial Robotics Training Cerntre	40/80 Hrs

One Day Workshops

21 one day workshops were conducted by various centres under AKGEC Skills Foundation for about 450 students. The participants were from institutes including DTU, Delhi; IP University, Delhi; NIT, Delhi; NIEC, Delhi; Amity University, Greater Noida; IEC, Ghaziabad; KEC, Ghaziabad; RKGIT, Ghaziabad; Maharaja Agrasen Institute of Technology, Ghaziabad; Govt ITI, Narela, Delhi; VIT College, Greater Noida; GNA University, Punjab; RD Engineering College, Ghaziabad; YMCA, Faridabad; Shri Krishan Institute of Engineering & Technology, Kurukshetra; Invertis University, Bareilly; HRIT, Ghaziabad and AKGEC.

Senior Experts from Germany at AKGEC Campus

AKGEC, in its endeavor to promote industry oriented teaching learning practices in Engineering Education, has initiated Project Based Learning approach. Under this initiative, industry oriented problems are identified as projects and solved through scientific approaches within estimated time line.

To implement this approach, AKGEC has collaborated with SES (Senior Expertan Services), Foundation of German Industry for International Cooperation (Stifung der Deutschen Wirtschaft fur international Zusammenarbeit).

As a next step in this direction, senior Expert Dr. Detlev Schmidt has visited AKGEC campus thrice and dedicated his vast experience to improve professional and technical expertise of students and faculty of AKGEC. His last visit was during March, 2019.

Dr. Schmidt is a specialist in the area of automation technology in automotive production. He is having a vast experience in automation engineering as well as handling of international projects in Indonesia, Egypt, Brazil, China, Thailand, Vietnam, Malaysia and India. He served in Daimler Benz (Mercedes Benz), AG for approx 26 years and is having comprehensive knowledge in integrated automation.

To develop an ecosystem of practicing international best practices in the field of technical education and to fulfill major gap between the supply and demand of technical work force, AKGEC has collaborated with CIM-GIZ (Centre for International Migration & Development). CIM is the competence centre for global work force

mobility in the international cooperation activities of the German Government and GIZ is a German Development Agency that provides services in technical projects for international development cooperation.

Expert from GIZ Mr. Kurt Alois Gerard joined AKGEC in February 2019 to train students and faculty for gaining competency at national and international levels. He is an expert of Quality Management, Quality Assurance, Production, Maintenance, Administration and Sales Planning. He is having 40 years industrial experience of serving in countries like Morocco, Paraguay, Netherlands, Bulgaria etc.

Engineering Exploration Program for First Year Students

Engineering Exploration Program was organized by AKGEC Skills Foundation during 12-20 February, 2019 for the 1st year students of AKGEC. This program is an introduction to engineering concepts with a focus on creativity, innovation, entrepreneurship and working across multiple diversified engineering technologies. Students were exposed to various Centres of Excellence as well as engineering design & techniques processes through this course, providing a design-build-test experience to trigger their interests and gain practical experience.

German Language Classes for SPEED Students

As a part of SPEED (Student Platform for Engineering Excellence Development) initiative, a German language program of 40 hours was conducted during 4-26 April, 2019. Fifteen students, registered for the SPEED program, underwent the program delivered by Ms. Ritika Tyagi, Trainer-German Language, M/S Mindset Tree.

SPEED, an initiative by AKGEC, is designed to provide an opportunity to students to enhance their professional competence, creativity and problem solving ability.

National Skill Competition for Best Welder

National Skill Competition for Best Welder in Northern Region was organized by Indian Institute of Welding (IIW), AKGEC and hosted by Advance Welding Technology and Research Centre (AWTRC) on 24 September, 2018. Fifteen welders from different industries like ISGEC, Dee Piping System & Modern Industries participated in the event and best welder in each category was selected for India Level Competition in SMAW, GMAW and GTAW processes.

Rozgar Mela

AKGEC, in association with Automotive Skills Development Council (ASDC) organized 'Rozgar Mela' on 20 November, 2018 for recruitment in automobile sector. The event was specially organized for Diploma / ITI students who were trained under various skill development programs at AKGEC. Important dealers of TATA Motors from Ghaziabad and Noida participated in the recruitment process along with senior personnel from TATA Motors. Total 180 candidates were interviewed out of which 16 got selected finally.

Participation in 3D Printing EXPO

Dr. R. K. Agarwal, Director AKGEC, Prof Ashiv Shah, Head CORE and Scientific Officers CORE attended the 3D Printing Expo at Pragati Maidan, New Delhi during 6-7 August, 2019. The Expo, organized by EFS India (EFSI) in association with the PHD Chamber of Commerce & Industry (PHDCCI), and supported by the Additive Manufacturing Society of India (AMSI), provided an opportunity to meet the Industry 4.0, Smart Manufacturing, 3D Printing and Additive Manufacturing Companies and domain experts.

Participation in India Industrial Automation and Robotics Expo 2019

2nd India Industrial Automation and Robotics Expo was organized by Confederation of Indian Industry (CII) during 3-5 February, 2019 at Pragati Maidan, New Delhi. It is one of the leading Exhibition on Industrial Automation & Robotics in India. AKGEC Skills Foundation participated in the exhibition by putting up an stall and showcasing latest series of Advance PLC, 3D Scanning, Robotic Ultrasonic Welding, Vision System & Vacuum Handling and other equipment.

Contribution in World Skills India Competitions

AKGEC Skills Foundation supported the Capital Goods Sector Skill Council and Instrumentation Automation Surveillance and Communication Sector Skill Council in conducting regional, zonal and national level competitions by deputing expert juries, providing training to selected candidates and hosting competitions in Welding, CNC Milling, CNC Turning and Mobile Robotics skills.

RESEARCH AND DEVELOPMENT

Software Development Centre (SDC)

SDC is the research and development centre established within the portal of AKGEC with foothold in the areas of software development, web-based enterprise solutions, mobile development, web applications and website development.

The centre is equipped with the state-of-the-art infrastructure & hardware/software tools. This provides a highly conducive & stimulating environment for the young brains to explore & come out with innovative solutions using emerging technologies. The Centre conducts training programs on the latest software technologies which is instrumental in keeping our students technologically ahead of others. The team members of SDC have delivered many automated solutions to industrial clients as well as to AKGEC for automating their work processes.

Events 2018-19		
Event	Date	Participants
Coding Event	30 January, 2019	13 teams
Three day Competitive Coding Workshop and Contest	3-6 March, 2019	186 students

SCOOP

PROJECTS - 2018-19				
Project	**Start Date**	**End Date**	**Client**	**Status**
AKGEC-MCA Website for AKGEC-MCA **Tech:** Python (Django)	28-8-2018	-	AKGEC- MCA	Ongoing
SCROLLS Website and Android App Online portal to register students for the SCROLLS event and for uploading synopsis **Tech:** MERN, Android	15-9-2018	20-10-2018	AKGEC	Delivered
Table Tennis Tournament Website to register students for the table tennis tournament **Tech:** PHP	20-10-2018	25-10-2018	AKGEC	Delivered
Bytepad Android App and Website to download previous year question papers of STs and PUTs for all subjects **Tech:** .NET, Angular, Android	20-11-2018	-	AKGEC	Ongoing
Follow Up Portal AKGEC Skills project to manage their customers **Tech:** MERN	10-12-2018	-	AKGEC SKILLS	Ongoing
Zonals Website for AKTU Zonal Literary, Technical and Management Fest held at AKGEC **Tech:** Python(Django), Angular	15-12-2018	30-12-2018	AKGEC	Delivered
UHVPE Website for Human Values Cell to publish and showcase the general information **Tech:** Python(Django)	29-12-2018	-	Human Values Cell, AKGEC	Ongoing
Atari Games with Reinforcement Learning Artificial intelligence agent to play Atari games. The same algorithm can play on 2600 Atari games **Tech:** Python, OpenAi Gym, Pytorch	09-01-2019	10-02-2019	AKGEC	Research Completed
Robotic Arm with Reinforcement Learning using reinforcement to control arm in the simulated environment in OpenAI **Tech:** Python, OpenAi, Pytorch	20-02-2019	16-03-2019	SDC-SI	Research Completed
Unity Obstacle Tower Challenge Create an agent that can successfully navigate the Obstacle Tower environments created by Unity **Tech:** Unity, Python, Pytorch	04-04-2019	-	SDC-SI	Research Ongoing
Goal-Oriented Chat Bot with Deep Reinforcement Learning Creating a goal-oriented chat bot and training it with deep reinforcement learning in python from scratch **Tech:** Python, Pytorch	27-05-2019	-	SDC-SI	Research Ongoing

Institution Innovation Council (IIC)

AKGEC has established Institution Innovation Council (IIC) as per the norms of Innovation Cell, Ministry of HRD, Govt. of India in order to promote the budding entrepreneurs of the Institute.

MHRD, Govt. of India has established MHRD's Innovation Cell (MIC) to systematically foster the culture of Innovation amongst all higher education Institutions (HEIs). The primary mandate of MIC is to encourage, inspire and nurture young students by supporting them to work with new ideas while they are in formative years.

The AKGEC IIC promotes innovation by highlighting innovation projects carried out by faculty and students and also organizes various events and competitions under MHRD-IIC with the involvement of experts from industries.

Research and Industrial Consultancy Centre (RICC)

RICC, an industry-academia initiative, is involved in development of innovative research projects and consultancy projects in response to industry needs. The objective of RICC is to create a collaborative environment between industry and academia through joint projects and consulting assignments.

The Centre developed a low cost CNC (Computer Numerical Control) Router, a computer-controlled cutting machine related to the hand-held router used for cutting various hard materials with precision.

RICC successfully conducted one week training program for 50 students of SD Global School, Ghaziabad. The Centre donated FDM based 3D printer with accuracy of 100 micron and size 200*200*200 to the school. The printer has been developed by RICC.

Research Proposals Under CRIP Funding Through TEQIP-III of AKTU

Five research proposals from various engineering departments were selected by AKTU for Collaborative Research and Innovation Program (CRIP) funding through TEQIP-III of AKTU. The projects are in progress.

Project Title	Principal Investigator
Development of an Efficient Deep Learning Algorithm in Quaternionic Domain and its Applications	Dr. Sushil Kumar, Assistant Professor Department of Information Technology
Tracking and Alerts of Blood Pressure and Similar Critical Circumstances	Dr. Sonam Gupta, Associate Professor Department of Computer Science and Engineering
Stabilization of Railroad and Highway Cut Slopes using Soil Nailing	Ms. Archita Goyal, Assistant Professor Department of Civil Engineering
Development of Functionally Graded Material via Friction Stir Processing Route	Dr. Namrata Gangil, Assistant Professor Department of Mechanical Engineering
Design, Development and Metrological Evaluation of a 3-D Printed Force Transducer Application	Mr. Ajay Pratap Singh, Assistant Professor Department of Mechanical Engineering

Consultancy Projects

Department of Computer Science and Engineering completed consultancy projects for various Organizations. The projects were completed by students under supervision of departmental faculty.

Project Title	Company Name	Faculty Mentor	Student Team	Branch/Year
Web Development	Centre of E-Governance New Delhi	Dr. Inderjeet Kaur	Saumya Bharuka Harsh Singh	B.Tech II Year CSE B.Tech II Year CSE
Machine Learning	Centre of E-Governance New Delhi	Dr. Inderjeet Kaur	Ayushi Tripathi	B.Tech II Year CSE
Travel India-Guide.com Content Management and Template Update	Eternity Info System Pvt. Ltd., Delhi	Dr. Sonam Gupta	Ayush Pratap Singh Avinash Rai Ayush Gupta Ayush Sahu	B.Tech IV Year CSE B.Tech IV Year CSE B.Tech IV Year CSE B.Tech IV Year CSE
Re-designing of website of Antrix Academy	Froyo Technologies Pvt. Ltd., Noida	Dr. Sonam Gupta	Shivi Agarwal Sarvagya Jalota Shivendra Gupta	B.Tech III Year CSE B.Tech III Year CSE B.Tech III Year CSE
E-Commerce Website	Froyo Technologies Pvt. Ltd., Noida	Dr. Sonam Gupta	Saurabh Srivastava Shubham Singh Rishabh Agarwal	B.Tech III Year CSE B.Tech III Year CSE B.Tech III Year CSE
Video Based Security Surveillance (IOT)	Froyo Technologies Pvt. Ltd., Noida	Ms. Lipika Goel	Adarsh Pandey Yash Gaur Vishal Srivastava Tripti Gupta	B.Tech III Year ECE B.Tech III Year ECE B.Tech III Year ECE B.Tech III Year CSE
Vehicle Tracking System	Zonic Internet Pvt. Ltd. Gurgaon	Ms. Lipika Goel	Nikita Agarwal Mansi Gupta Kunal Nayan Jain	B.Tech IV Year CSE B.Tech IV Year CSE B.Tech IV Year CSE B.Tech IV Year CSE
GPS Protocol Server	Zonic Internet Pvt. Ltd. Gurgaon	Ms. Lipika Goel	Nikita Agarwal Mansi Gupta Kunal Nayan Jain	B.Tech IV Year CSE B.Tech IV Year CSE B.Tech IV Year CSE B.Tech IV Year CSE
Inventory & Asset Management using PHP	Centre of E-Governance New Delhi	Dr. Inderjeet Kaur	Shivangi Singh Shivi Agarwal	B.Tech III Year CSE B.Tech III Year CSE
Asset Management using Java	Centre of E-Governance New Delhi	Dr. Inderjeet Kaur	Aditya Barnawal Amulya Agarwal	B.Tech III Year CSE B.Tech III Year CSE

ADMISSIONS

The college had reasonably good admissions for the academic year 2018-19, despite the declining trends in the State and admitted 823 students in the B.Tech programs against an intake of 960 students. The present strength of students in the college is 3938. More important than these numbers is the fact that the college admitted a good spectrum of students, both through the University counseling and direct admissions under the management quota. The ranks of general category students admitted in the college through counseling ranged between 909 and 34,789. Our college continued to be one of the most preferred self financed engineering colleges in the State. The management quota admissions also had a good spectrum. Under the direct admissions, 30% students had a PCM above 90%, 76% students had a PCM above 80%, 96% students had a PCM above 70% and only 4% students had PCM below 70%.

RESULTS

The college strives for excellence and has been consistently maintaining excellent academic results. The result of students graduating during the academic year 2017-18 has been exceptionally good. 98% students passed, out of which 98% passed with first division including 31% with honors.

In addition to overall good results, the college earned a remarkable achievement in terms of number of students in University merit lists. Twelve students secured position in the top 10 merit lists of AKTU with 2 Gold and 2 Bronze medals. The college has been consistently having the maximum number of medalists over the last few years. It is a matter of pride for the college that the Chancellor's Medal for getting the highest marks in all branches of the B.Tech courses has been bagged by our student for the third consecutive year. The medal was introduced by AKTU in 2016. Preeti Gupta of CSE branch achieved the award during 2017-18.

It is a matter of pride for the College to be adjudged No. 1 in the 'Result Analysis 2017-18', published by Dr. A.P.J. Abdul Kalam Technical University based on the results of B. Tech Final Year and ranked No. 2 based on the results of B. Tech

First Year of all government and private institutes affiliated to the University. The College has bagged place in the 'Excellent Category' list of five institutions in the State on the basis of final year results. AKGEC is the only Institution in Western UP that could make its place in this list. AKGEC is also the only institution in UP that has been ranked excellent based on both first and final year results.

The excellent and ever improving performance is the result of concerted effort by all faculty and staff, as well as many academic reforms and faculty and student development initiatives taken by the college.

Toppers 2018

Preeti Gupta
CSE
Chancellor Award
Gold Medal
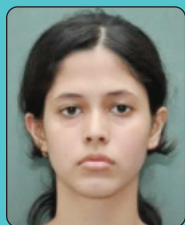
Anshika Tyagi
EI
Gold Medal

Harshita Agarwal
EN
Bronze Medal

Pragya Srivastava
CSE
Bronze Medal

Sachin Maurya
CE
V Position

Priyanka Seth
ECE
VI Position

Utkarsh Aggarwal
ECE
VII Position

Anchal Garg
CSE
VII Position
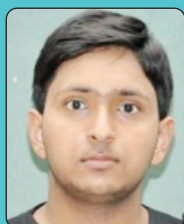
Ujjwal Verma
EI
IX Position

Shubham Arora
CE
IX Position

Adarsh Gangwar
ME
X Position

Ashwini Singh
EN
X Position

After the AKTU Convocation Ceremony on 12 October, 2018, Dr. R. K. Agarwal, Director AKGEC, hosted lunch for the medalists and their parents at Hotel Clarks Awadh, Lucknow. It proved to be a great time to share the feelings and experiences of each other in a blissful atmosphere.

PLACEMENTS

Excellent academic performance combined with all round development through a range of events and activities in the College have translated into good placements of our students. The Training and Placement Department ensures placement of final year students. The Department conducts a number of co-curricular and industry relevant programs including seminars, personality development programs and career counseling to improve the competence and employability of its students.

The campus placements have been steadily improving both in terms of numbers and type of companies. The 2018 passed out B.Tech batch had 797 offers in hand including higher studies and for the 2019 passing out B.Tech students the number of offers are 838.

The major recruiters have been reputed companies like Infosys, Wipro, TCS, Adobe Systems, Capgemini, Cognizant, Samsung R&D Institute India, Robert Bosch, Ashok Leyland Limited, Astrea IT Services, Adani Gas, British Telecom, DLT Labs, Global Logic, Grindwell Norton Limited (Saint-Gobain Group), HCL Technologies Limited, Hitachi Consulting Software Services India Pvt. Ltd., HSBC Software Development (India) Pvt. Ltd., Info Edge India Limited, Infosys, Jaro Education, Jindal Udyog Ltd., Josh Technology, Lohia Corp Limited (Lohia Group), MAQ Software, Motherson Sumi Systems Limited, Nagarro, NEC Technologies India Pvt. Ltd., Newgen Software, NIIT Technologies Limited, NTT Data Services, Optum (a United Health Group Company), Rathi Industries Ltd, Sopra Steria India, Torrent Power Limited, UAA Digital Media Pvt Ltd, Indian Navy, etc.

STUDENT ACADEMIC AWARDS

To encourage the academic brilliance of the students, the college organizes Award Ceremony for each semester wherein Excellence Awards are awarded to branch wise college toppers, toppers of sessional tests and students with outstanding attendance. Students are also felicitated for their contribution to the Mentorship Program.

Award ceremony for even semester 2017-18 and odd semester 2018-19 was held on 8 February, 2019. Cash awards and certificates were conferred to the students by Director Dr. R. K. Agarwal, the total award money being Rs. 13,52,000.

University position holders and 2018 pass out branch wise College toppers were also appreciated with cash awards and certificates during the College Convocation. As many as 27 students were awarded by the Chief Guest and Vice Chancellor. A total prize money of Rs. 4,96,000 was awarded.

STUDENT EXCELLENCE IN COMPETITIVE EXAMINATIONS

Outstanding performance has been a feature with AKGEC students not only at the under graduate level, but also in competitive examinations for higher education.

Thirty seven students, across the branches, qualified GATE 2019 examination with All India Rank within first 7500 and five students with All India Rank within first 400. Suyash Omar from Electronics & Communication Engineering and Abhishek from Computer Science and Engineering excelled with All India Rank 72 and 90 respectively.

Good number of students qualified CAT examination with percentile greater than 90. Aniket Agarwal from Department of Electrical & Electronics Engineering scored 99.18 percentile and Atisha Singh of Electronics and Communication Engineering scored 99.05 percentile.

Abhishek, CS

Aniket Agarwal, EN

Suyash Omar, EC

Atisha Singh, EC

AKGEC students have established excellent record in admissions to eminent post graduate Institutions including IITs and IIMs as well as reputed Universities for higher studies.

For the academic year 2018-19, one student got selected at IIT Patna, IIT Delhi, IIT Roorkee, IIM Udaipur, IIM Rohtak, Management Development Institute (MDI) Gurgaon each and the process is still on.

AWARDS AND ACCOLADES

Excellence is the way of life at AKGEC. The college is proud of its achievements in various activities and competitions organized by different organizations and institutions.

Excellence and Innovation in the Robotics Education Award

AKGEC has been awarded for 'Excellence and Innovation in the Robotics Education' by All India Council for Robotics & Automation (AICRA), India during 2nd edition of STEM Contribution Awards & Conference-2019 at IIT Delhi on 16 April, 2019. Dr. R. K. Agarwal, Director AKGEC, received the award.

Prof. V. Ramgopal Rao, Chairman & Director–IIT Delhi and Mr. R. Ramanan, Mission Director, Atal Innovation Mission, Niti Ayog addressed the gathering. Conference was participated by eminent Academia and Industry active in STEM education.
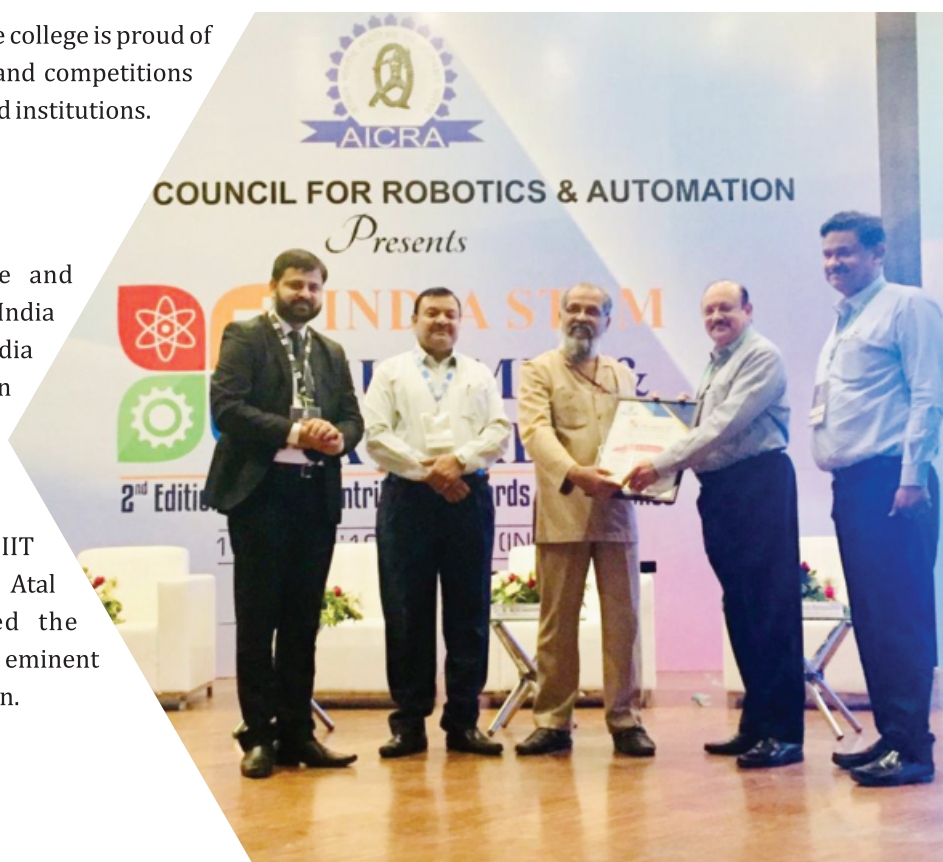
Felicitation of Management, Faculty and Students during Founder's Day of AKTU

Dr. A.P.J. Abdul Kalam Technical University, Lucknow, celebrated its Founder's Day on 26 July, 2019. The University very thoughtfully felicitated the Management and Heads of Institutions of the 22 Founder Colleges affiliated to it, the founder faculty in these colleges and the meritorious students on this occasion. Sh. Rakesh Garg, Secretary, Board of Governors, Prof. Mamta Bhusry, Prof. Devendra Singh, Prof. B.K. Sharma and the meritorious students attended the function on behalf of AKGEC and were felicitated.

World Bank Consultant for Robotics

World Bank has appointed Prof. Ashiv Shah, Head- TIFAC CORE, AKGEC, as a consultant for Industrial Robotics and FabLab with responsibility to support World Bank projects in developing countries.

Prof. Ashiv has been assigned Project HEAT : Higher Education Acceleration & Transformation, launched at Bangladesh, to improve the quality and relevance of teaching and research environment in higher education institutions. Various experts and World Bank officials from different parts of the world joined for project preparation at Dhaka.

AICTE Nomination for Model Curriculum

AICTE in its endeavor to bring reform in technical education has constituted various committees for developing model curriculum with the help of academic and industry experts for undergraduate degree courses in Engineering & Technology which will be available for universities and institutions.

AICTE has constituted a committee duly approved by Chairman, All India Board of Under Graduate Studies in Engineering & Technology (AIB-UGET) to develop model curricula of Mechatronics Engineering. Prof. Ashiv Shah from AKGEC has been nominated as member in this committee along with Prof. Sunil Jha of IIT-Delhi and Prof. Agashe of COEP Pune from Academia and Mr. Vikram Mattoo, General Manager, Mitsubishi from Industry.

World Robot Olympiad-2018

WRO-2018, World Robot Olympiad INDIA, India's largest robotics competition was organised by India STEM Foundation at The Arena, Trans Stadia, Kankaria, Ahmedabad, Gujarat during 15-16 September, 2018.

AKGEC Team comprising six students of B.Tech 3rd year–Electronics & Communication Engineering and Mechanical Engineering branch, participated in the competition and secured 1st position amongst 20 teams from various parts of the country.

TEAM MEMBERS	
Prashant Chauhan	B.Tech III Year EC
Rajat Sharma	B.Tech III Year EC
Kartikye Pandey	B.Tech III Year EC
Adarsh Pandey	B.Tech III Year EC
Jatin Dayal	B.Tech III Year ME
Sachin Chaudhary	B.Tech IV Year EC

CII Majestic Skill-Will-Lead Competitions

Confederation of Indian Industry (CII) and Majestic Auto Limited organized a series of competitions with the theme 'SKILL-WILL-LEAD'. The idea of this program is to provide exposure to the students and make them ready with pertinent knowledge and skills required to get started with the Industry. Students from various Colleges across Western UP participated and presented presentations on the topics offered by the Industry Academia Skill Panel, Western UP.

The event was participated by students from Krishna Institute of Engineering and Technology (KIET), IMS Engineering College (IMSEC), Sharda University, GL Bajaj Institute of Technology and Management (GLBITM), ABES and AKGEC.

AKGEC students bagged awards in 8 competitions of the 9 competitions held during September/October 2018 and April 2019.

AKGEC PARTICIPATION					
Date	Host Institute	Topic	AKGEC Team	Course	Position
20-9-18	KIET	Press Tool Design & Manufacturing	Utkarsh Dweivedi Divyanshu Paliwal Smita Aditya	B.Tech III Year B.Tech III Year B.Tech III Year B.Tech III Year	First
4-10-18	IMSEC	Seven Tools of Quality Control	Utkarsh Dweivedi Yashwant Verma Tarushi Jain Purusharth Yaduwanshi	B.Tech III Year B.Tech III Year B.Tech II Year B.Tech II Year	Second
25-10-18	AKGEC	Refrigeration and Air Conditioning	Utkarsh Dweivedi Divyanshu Paliwal Yashwant Verma Mahima Baghel	B.Tech III Year B.Tech III Year B.Tech II Year B.Tech II Year	First
4-4-19 Morning	KIET	Grinding Machines: Types, Operations, Parts, Tools	Utkarsh Dweivedi Ishaan Arora Fahaad Akhtar Mahima Baghel	B.Tech III Year B.Tech II Year B.Tech II Year B.Tech II Year	Second
4-4-19 Evening	IMSEC	Presentation Skills: Structure	Yashwant Verma Utkarsh Dixit Shivam Shishodia Adity Tiwari	B.Tech III Year B.Tech III Yea B.Tech III Yea B.Tech II Year	First
5-4-19 Morning	AKGEC	Quality Circle	Utkarsh Dweivedi Ishaan Arora Mahima Baghel	B.Tech III Year B.Tech II Year B.Tech II Year	First
5-4-19 Evening	ABES	Bulk Material Handling Equipment: Bucket & Grain Elevators, Converge Belts, Hoppers & Slides, Recliners, Stackers	Mansi Srivastava Deepansh Varshney Anshika Neeraj Pal	B.Tech II Year B.Tech II Year B.Tech II Year B.Tech II Year	First
12-4-19 Morning	Sharda University	Pull Production & Supplier Involvement	Yusuf Akhtar Mridul Garg Prakarsh Saraswat Adity Tiwari	B.Tech III Year B.Tech II Year B.Tech II Year B.Tech II Year	Second
12-4-19 Evening	GLBITM	Low Cost Automation	Utkarsh Dweivedi Smita Faraz Asad Ashutosh Yadav	B.Tech III Year B.Tech III Year B.Tech II Year B.Tech II Year	Participation

Asian E-Bike Challenge 2019

Team of 20 students under the flag of SAE Collegiate Club of AKGEC participated in the event Asian E-Bike Challenge 2019 held at Aditya Institute of Engineering and Management, Tekkali, Andhra Pradesh in March 2019. The team exhibited appreciable performance and won awards in categories - **Best Engineering Design Award** and **Best Innovation Award.**

CST Grant for Project 'Smart Home Technology for Persons with Mobility Impairment'

Students of B.Tech IV year CSE successfully completed project 'Smart Home Technology for Persons with Mobility Impairment' under guidance of Dr. Sunita Yadav, HoD CSE. The project received a grant of Rs. 20,600 from Council of Science & Technology, DST, U.P under the UP Engineering Students' Grant Scheme 2018-19.

Smart Home System is a fully functional system that uses WIFI module implemented through Android application. It enables the user to control appliances and machines which are Raspberry Pi enabled, with just one touch thus making it easy to be used by people with mobility impairment. The application also includes a security system with webcam surveillance.

Team Members	Course
Harleen Kaur	B.Tech IV Year CSE
Ayushi Goel	B.Tech IV Year CSE
Disha Bhatnagar	B.Tech IV Year CSE
Deeksha Singh	B.Tech IV Year CSE

LaalTen Tech

LaalTen Tech Team	Course
Andleeb Khan	B.Tech III Year EN
Kushagra Varma	B.Tech III Year EN
Md Abou Zuhayr	B.Tech III Year EN

LaalTen Tech, a start up venture developed under the mentorship of IDEA Lab AKGEC, participated in Innotech-2018, a technical project competition held at KIET Group of Institutions, Ghaziabad on 01 November, 2018. Of the 200 teams participating in the project exhibition under 10 different domains the LaalTen Tech team won the first position.

LaalTen Tech is an IoT based company for developing intelligent decorative lights controlled through a dedicated mobile application and synchronization with music played on the mobile phone. With a price reduction upto 50% against similar appliances, the company seeks collaboration with interior decorators.

Technovation-2018

AKGEC team bagged the second prize in Technovation 2018, a National Contest for Innovative Product and Prototyping, organized by AKGEC with Stratasys India, a leading multinational company in additive manufacturing, as principal sponsor for the event. The team received 3-D Printer developed by RICC Centre, AKGEC as the prize. The first prize was bagged by IIT Delhi team.

Design & Fabrication of Bullet Proof Vest using Energy Absorbing Responsive Fluids

Student project 'Design of Bullet Proof Vest Using Energy Absorbing Responsive Fluids' was selected for top 100 projects at IISF-2018, Lucknow, during 6-7 October, 2018.

An emerging technology in the manufacture of armours is the use of Shear Thickening Fluid (STF). The students devised their own methodology to fabricate this STF technology into the armor by using manual dripping of STF layer after layer by pressure induction. The layers were kept in inclined orientation and made into a dampening material by use of hollow rubber valve tube in between two polycarbonate sheets cut in the circular fashion. The entire setup was sewn under leather and final finishing done.

Team Members	Course
Divyanshu Paliwal	B.Tech III Year ME
Aniruddha Kulshrestha	B.Tech III Year ME

Anveshna-2019 Competition

Students of AKGEC participated in Anveshna Project Competition organized by Agastya International Foundation in association with Synopsis, Noida, during 22-24 January, 2019 at National Science Centre, New Delhi.

The competition is a mentor-mentee program on engineering projects wherein projects are developed by engineering college students. School students from class VII to Class X are associated with the projects and trained by the college students on the technologies used and underlying concepts of science. The college has been participating in the competition wef 2016.

This year 29 projects from different colleges of North India region were presented. The jury consisted of experienced academicians and industry experts.

AKGEC project 'Pollution Control & Management' won consolation prize of Rs. 5000.

Project Name	AKGEC Students	Course	Faculty Mentor	School Students
Pollution Control & Management	Mohit Rathaur Shubham Kumar Sahu Shreshtha Rathore Mridul Arora	B.Tech III Year CSE B.Tech III Year EN B.Tech III Year EI B.Tech III Year CSE	Mr. Deepak Rai Department of Computer Science and Engineering	**Mantasha, Class VIII** **Mohd. Kashif, Class VIII** Purva Madhaymik Vidyalaya, Kaila Balak, Ghaziabad
Jungle Tree	Prakhar Agarwal Apoorv Jindal Sagar Gupta Kshitij Srivastava	B.Tech III Year CSE B.Tech III Year ECE B.Tech III Year CSE B.Tech III Year CSE	Mr. Deepak Rai Department of Computer Science and Engineering	**Anam, Class VII** **Madiha, Class VIII** Purva Madhaymik Vidyalaya, Kaila Balak, Ghaziabad
Purifier With Pearl Millet	Ankit Prabhakar Prakhar Dixit Akhilesh Kumar Gupta Arpit Shukla	B.Tech II Year CSE B.Tech IV Year ECE B.Tech II Year CSE B.Tech IV Year ECE	Dr. Inderjeet Kaur Department of Computer Science and Engineering	**Iqra, Class VII** **Aman Khan, Class VII** Purva Madhaymik Vidyalaya, Kaila Bhatta, Ghaziabad

Flower Show

In accordance with its philosophy of an eco-friendly, green and clean campus, the college has nurtured well maintained lawns and gardens all over the campus. The Horticulture Department of the college participates in Flower Show competition organized by Landcraft Builders every year to showcase its creativity under various categories. Like previous years, the college won prizes under different categories in the show organized during 15-17 February, 2019. In addition, college was awarded Runners Up Trophy for overall performance.

Category	Position
College Campus Visit	First
Landscaping Garden	First
Tray Garden	First
Cactus and Succulents	First
Hanging Baskets	First
Hanging Flower Baskets	First
Potted Ornamental Group Plants	First
Vegetable in Pot	First
Potted Plants (2nd group)	First
Tomato Veg Plant Pots	Second
Hanging Basket	Second
Trophy for Max Participation and winning >10 prizes – 3rd Runner up	Third

STUDENT ACHIEVEMENTS: EXTRA CURRICULAR

Ajay Kumar Garg Engineering College has always professed all-round development of students. This extra seminary of education has also given equal attention to the extra curricular development of students.

Students of the college participated in AKTU Zonal and States Sports, Cultural and Technical, Literary & Management Fests with full enthusiasm and fervour.

ZONAL LEVEL SPORTS FEST : RKGIT, Ghaziabad 30 October, 2018 to 2 November, 2018	
Participation	**Medals Won**
125 students in 43 events	20 Gold
	10 Silver
	7 Bronze
• Brought laurels by winning highest number of medals • Won Zonal Athletics Champion Trophy • Won Zonal Sports Champion Trophy	
STATES LEVEL SPORTS FEST: BBDNITM, Lucknow 8-20 October, 2018	
Participation	**Medals Won**
All gold medalists of Zonal Level (70 Students)	11 Gold 4 Silver

ZONAL LEVEL ARTS AND CULTURAL FEST: IMS, Ghaziabad 22 - 23 February, 2019	
Participation	**Positions**

77 students in 16 events	• **Winners in**
	  - Rangoli Making
	  - Solo Singing
	  - Group Singing
	• **1st Runner Up in**
	  - Duet Dance
	  - Battle of Bands
	  - Collage Making
	  - Fashion Show
	• **2nd Runner Up in**
	  - Poster Making
	  - Skit
	  - T-Shirt Painting
	  - Face Painting

STATE LEVEL ARTS AND CULTURAL FEST: AKTU, Lucknow 7 - 8 March, 2019	
Participation	**Positions**
Winners of Zonal Level (11 Students)	• 2nd position in Solo Singing • 2nd position in Group Singing • 3rd position in Rangoli

ZONAL LEVEL TECHNICAL, LITERARY AND MANAGEMENT FEST : AKGEC, Ghaziabad 30 - 31 January, 2019	
Participation	**Positions**

Participation in 11 events	• **1st position in**
	  - English Debate
	  - Frugal Engineering
	  - Coding Contest
	  - Robo Race
	  - Just A Minute
	• **2nd position in Quiz**
	• **3rd position in Technical Poster Making**
	• **Overall Zonal Championship with maximum number of Gold Medals**

STATES LEVEL TECHNICAL, LITERARY AND MANAGEMENT FEST : CAS, Lucknow 15 - 16 February, 2019	
Participation	**Positions**
Winners of 5 events during Zonals (12 Students)	• 1st position in Just A Minute • 2nd position in Frugal Engineering

In addition to the AKTU fests, the students have brought laurels to the college in various events at other institutions.

Date	Event	Place/Venue	Positions
5-9 October, 2018	5th District Badminton Championship organized by Ghaziabad Badminton Association	Mahamaya Stadium, Ghaziabad	• Gold medal in girls doubles in senior category • Silver medal in girls singles in senior category • Silver medal in under-19 girls badminton team • Bronze medal in under-19 girls badminton team
25-27 October, 2018	THOMSO'18	IIT Roorkee	• Team Goonj, the Dramatic Society of AKGEC, won first prize for short movie CHOICE based on drug addiction in event '16 Frames' • First prize in Face Painting event • Third prize in Story Telling event • Third prize in Solo Instrumental event • Third prize in 'Paint Fiesta' – a photography competition
29-31October, 2018	OASIS'18	BITS Pilani	• Team Verve, the fashion team of our college, won first prize for presenting a Greek Mythological story of Medusa showing victory of good over evil. • Team also won the Best Wardrobe Award
27-30 December, 2018	Mood Indigo Cultural Fest	IIT Bombay	• Third position in event 'Life in a Minute' for short movie MAA

Date	Event	Place/Venue	Positions
15-17 February, 2019	Inter College Basketball Tournament organized by IPEC under arrangements of LANDCRAFT Builders.	Golf Links, NH24, Ghaziabad	• Winners in Boys Tournament • Won trophy and cash prize of Rs. 21,000 • Won best player trophy and cash prize of Rs. 5,000 (Lalit Yadav, 4th year CE)
1-3 March, 2019	Sangram'19	IIT Roorkee	• Winner in Kho Kho Boys and Girls Tournament • Silver Medal in Boys Taekwondo • 5th position in Power Lifting
8-10 March, 2019	Unifest'19	Galgotia College of Engineering, Greater Noida	• First position in Mono Act (member team Goonj) • Fifth position by team TAAL, the Dance Society of AKGEC, in Freestyle Dance Competition • Fifth position in Nukkad Natak by Team Goonj
13-15 March, 2019	Athleema'19 organized by Asian Education Group	Netaji Subhash Sports Complex, New Delhi	• Third position in Volleyball Boys • Third position in Kabaddi
6-7 April, 2019	Prastuti'19	KIET, Ghaziabad	• Third position in Nukkad Natak by Team Goonj
12-14 April, 2019	Exodia'19	IIT-Mandi	• First position in - Face Painting - Portrait Photography • First and second positions in Solo Dance • Third position in - Landscape Photography - Fashion Event • Fourth position in Group Dance

ALUMNI SPEAK

Aniket Agarwal
(2015-19 Batch)

In my four years of engineering I found AKGEC a fine institute which along with high education standards induces professionalism in the students. Most of the passing out students are industry ready. Me as an individual got so many opportunities including UIF Fellowship, Design School of Stanford University, California, USA, captaincy in badminton for AKTU Zonals and State tournaments and participation in three national level events based on automobiles.

Gaurav Srivastava
(2015-19 Batch)

My four years of engineering life in AKGEC were the best whether in terms of academics, industrial exposure or developing my skills. The internship program offered to me was the actual turning point which allowed me to know different perspective of industries. Training and Skill Centres are highly beneficial and participants from all over country come here for training purpose. Overall AKGEC gives you opportunity in any field you want, we are the ones who should grab and work in all possible ways.
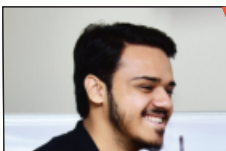
Shashank Singh
(2014 - 18 Batch)

AKGEC hasn't been just a College for me; it has emanated like a superlative epoch, which has made me competent enough to realize things I'm doing today. The College lays special emphasis on collaboration with industries at various levels to groom the students to meet the industry standards. As the Head Coordinator of SPEED Program, I got the privilege of being in touch with the myriad training centres like KUKA Robotics, NI LabView Academy, BOSCH Rexroth, SIEMENS PLM Centre and FabLab.

Sidhant Kandpal
(2014-18 Batch)

AKGEC can be designated as one of the finest colleges to groom an individual's all-round personality and being an alumnus from this college I feel blessed in all sense. From excellent academic facilities to extracurricular participation opportunities available in this college, one can truly benefit in the long race of life and gain enough expertise to propel towards their aspirations. Supportive and highly efficient faculty, competitive and rewarding academic environment and finally excellent extracurricular facilities can most appropriately be referred to as the pillars of this prestigious institution.

Kunal Rajput
(2015-19 Batch)

AKGEC is a place that nurtures you beautifully into a working professional. A college with great infrastructure, finest faculties, excellent centres of excellence, supporting administration and a positive environment. A place that will allow you to learn and savor all possible aspects of college life that we all wish to have. The placements are very good and I believe that the Training and Placement Cell has put in stupendous efforts to help students find a way through. Hostels are always clean and so is the campus.

Shagun Singh
(2015-19 Batch)

This rhapsody of 4 years is a coated memoir of growth, failures, learnings and successes. I entered AKGEC as a young teen 4 years ago naviety packed with a mammoth of expectations, ambitions and wishes I was determined to pursue. Each year I grew with all that was offered and all that I grabbed. AKGEC taught me the discipline of life and to master the art of getting things done despite all odds. As I wave my final goodbye to this fraternity I grew at, I credit all my strength, confidence and the indomitable spirit I have imbued in myself to AKGEC.

Wajahat Hussain
(2015-19 Batch)

As an epitome of engineering education, discipline and infrastructure AKGEC has provided one of the best faculty members and good labs where opportunity is plenty. The Centres of Excellence are feather in the cap providing the students with best of the modern techno art experience in the campus. Not only in academics but also in non academic domain the college offers plenty of opportunities in extracurricular activities in form of the large number of college societies. And none the less, the computer labs, library and digital library facilities are excellent.

Harshita Agarwal
(2014-18 Batch)

AKGEC finds itself achieving great feats in its history, thanks to it's unique approach in teaching and development. It differentiates itself from other institutions by having a faculty that is innovation and research driven. At any given time on campus, you would find students working on the newest technologies and fresh ideas. AKGEC prepares you for the world; the academic effort, competitive environment & continuous deadlines push you beyond your limits and enable you to develop the required skills and develop yourself into a professional being.

Personality Development Program

The influence of human personality upon the functional efficiency of an organization and its personnel has been widely recognized. With this philosophy, AKGEC conducts 100 hour mandatory Personality Development Program for its students to groom their personality for a best fit in their forthcoming professional environment. The program conducted through a series of lecture-cum-discussion sessions, group discussions, management games, mock interviews and case studies, is delivered by experts from Advait Life-Education (P) Ltd., an organization run by IIT and IIM alumni for B.Tech II year students. During 2018-19, the program was attended by about 900 students.

Campus Connect Program

The college has been running the Infosys Campus Connect Program in association with software industry giant Infosys since 2006. The classes, based on Infosys designed curriculum, are conducted by AKGEC faculty from CSE and IT departments on weekends. The program conducted with the objective of developing industry ready professionals covers various modules through class room sessions, lab work, project work, assignments and examination. During the academic year 2018-19, 118 students of B.Tech III year and 147 Infosys selected students of B.Tech IV year attended the program.

Mentorship Program

The college has been successfully conducting the mentorship program wherein the senior students conduct revision and doubt clearing sessions in specific subjects for the junior students during free hours. In return, the senior students get to refresh their learning and are also honored with monetary benefit and certificates for their effort. The success of the program across the departments is evident from the number of students participating as mentors as well as mentees.

Course Code	Course	Year	No. of Students
	Department of Computer Science and Engineering		
RCS-302	Computer Organization & Architecture	II	37
RCS-305	Data Structures	II	37
RCS-502	Design & Analysis of Algorithm	III	17
RCS-403	Theory of Automata & Formal Languages	II	35
REC-405	Introduction to Microprocessor	II	35
RCS-602	Compiler Design	III	17
	Department of Information Technology		
RCS-301	Discrete Structures	II	50
RCS-305	Data Structures	II	50
RCS-501	Database Management Systems	III	60
RCS-502	Design & Analysis of Algorithm	III	60
RCS-401	Operating System	II	40
RCS-403	Theory of Automata & Formal Languages	II	40
RCS-601	Computer Network	III	40
RCS-602	Compiler Design	III	40
	Department of Electrical and Electronics Engineering		
REE-303	Basic Signals & Systems	II	21
REE-501	Electrical Machines-II	III	43
REE-402	Electrical Machines-I	II	20
REE-601	Power Electronics	III	30
REE-602	Microprocessor	III	30

Course Code	Course	Year	No. of Students
	Department of Electronics and Communication Engineering **Department of Electronics and Instrumentation Engineering**		
REC-502	Principles of Communication	III	36
REC-501	Integrated Circuits	III	51
REC-503	Digital Signal Processing	III	51
RIC-501	Industrial Instrumentation	III	15(only EI)
REC-301	Digital Logic Design	II	60
REC-303	Signals and Systems	II	60
REC-302	Electronic Devices And Circuits	II	60
REC-063	Analog Signal Processing	III	63
RIC-603	Control System-I	III	63
REC-601	Microwave	III	48
RIC-601	Microcontroller	III	15 (only EI)
REC-401	Microprocessors & Microcontrollers	II	45
REC-403	Electronic Measurement & Instrumentation	II	45
REC-402	Electromagnetic Field Theory	II	45
	Department of Mechanical Engineering		
RME-302	Basic Thermodynamics	II	173
RME-303	Mechanics of Solids	II	173
RME-051	IC Engines & Compressors	III	195
RME-502	Heat & Mass Transfer	III	195
RME-402	Manufacturing Science & Technology - I	II	171
RME-403	Applied Thermodynamics	II	171
RME-061	Refrigeration & Air Conditioning	III	195
RME-602	Theory of Machines	III	195
	Department of Civil Engineering		
RCE-401	Hydraulics and Hydraulic Machines	II	27
RCE-403	Structural Analysis-1	II	27
RCE-402	Geo Informatics	II	27
RCE-061	Foundation Design	III	32
RCE-601	Design of Structures-II	III	32

Workshops

Java 9

One day workshop on Java 9 was organized by Department of Computer Science and Engineering on 28 September, 2018 for students of B.Tech CSE V semester in association with Java Training Centre (JTC), Noida. 69 students participated in the workshop and explored practical exercises of Java 9 programming.

Web Technology with Angular

Computer Society of India (CSI), Student Chapter AKGEC, under the aegis of Department of Information Technology, conducted classes in Web Technology with Angular for 52 students during 10-30 September, 2018. The classes focusing on Front End Web Development were conducted by CSI student members.

Block Chain Technology

CSI Student Chapter AKGEC conducted workshop on Block Chain Technology during 25-29 October, 2018 for 36 participants. The students were introduced to the trending phase of Block Chain Technology and its various applications. They were also introduced to the high-level language 'Solidity' which is the backbone of this technology. The classes were taken by student members of CSI. The workshop was followed by project work by the students.

Entrepreneurship Awareness

Three day workshop on Entrepreneurship Awareness was organized during 15-17 November, 2018 by Innovation, Development of Entrepreneurship and Applications (IDEA) Lab, AKGEC. The IDEA Lab is an initiative to provide support to start-up companies and give young entrepreneurs the boost they need to accomplish their business idea. The workshop was sponsored by Entrepreneurship Development Institute of India and supported by Department of Science and Technology, Government of India.

The objective of the workshop was to create awareness among the students about various facts of entrepreneurship as an alternative career option and also highlight the merits of pursuing such options to promote Entrepreneurship in our country. The workshop was conducted by Mr. H. P. Singh, Consultant, NIESBUD and Mr. Shakeel Ahahmad Khan, Consultant NSIC India.

Flutter with Firebase

Cloud Computing Cell, under the aegis of Department of Information Technology, conducted workshop on Flutter with Firebase during 5-9 March, 2019 for first and second year students. 51 students attended the workshop that covered the basics of OOPs, Dart, Flutter, Firebase and their applications. The concepts were delivered by the student members of Cloud Computing Cell.

Cypher'19

OSS R&D Centre, AKGEC conducted Cypher'19 – a workshop on Cyber Security and Linux on 9 and 10 March, 2019. The workshop, attended by 45 students, focused on ways to secure applications and spread awareness about threats in modern technology and ways to prevent them.

Machine Learning with Python

Four day workshop on Machine Learning with Python was organized by Big Data Centre of Excellence during 25-28 February, 2019. The students were taught basics of Python, Statistics and various Machine Learning algorithms along with hands on practice on Jupyter Notebooks. A total of 36 students successfully completed the workshop followed by competition on Kaggle. The top three winning students were awarded with cash prize and certificates.

Machine Learning

One day workshop on Machine Learning was organized by Machine Learning Centre of Excellence under Department of CSE on 3 April, 2019 for 2nd and 3rd year students in association with Cetpa Infotech Pvt. Ltd.

67 students participated in the workshop and explored practical exercises of Machine Learning. Certificates of Participation were provided to the students by Cetpa Infotech Pvt. Ltd.

Industrial Visits

Centre for e-Governance, Ministry of Electronics and Information Technology (MeitY), New Delhi

Forty five students of B.Tech II year CSE visited Centre for e-Governance, Ministry of Electronics and Information Technology (MeitY), New Delhi on 20 August, 2018. The purpose of this Industrial visit was to give the exposure of work done by Government of India under Digital India campaign under collaboration of National Informatics Centre, CDAC. Sh. Sunil Kumar, Project Manager, CeG, addressed the students and discussed about National e-Governance Plan (NeGP), and also about the various schemes of Government of India. An online quiz was conducted for the students and top three winners – Ayushi Tripathi, Harsh Singh and Saumya Bharuka were awarded gifts.

Institute of Telecom Technology and Management (ITTM) Delhi

Forty two students of B.Tech III year CSE visited Institute of Telecom Technology and Management (ITTM) Delhi on 12 September, 2018. The Institute is a training centre of MTNL, Delhi engaged in imparting induction training and short duration trainings to its officers and employees in the field of Telecom, IT, Computer Systems and Management.

The visit started with an interactive lecture on "Implementing Fibre to Home". The students visited various labs namely Transmission, Broadband, GSM and Switching & IP Labs of their campus. Experts of various areas explained practically about the working of different telecom related technologies.

NPTI Badarpur, New Delhi

Eighty six students of B.Tech III year Electrical and Electronics Engineering, accompanied by two senior faculty members, visited NPTI, Badarpur on 28 September, 2018 for one day specialized familiarization training program for full scope replica simulator of 210MW which is an exact replica of 4th unit of Badarpur thermal power plant.

The students were introduced to the current power generation status and future trends in generation, demand and generation, description of main equipments like boiler, turbine, generation of electricity in a thermal power plant, rankine cycle etc. They were also made aware about the job opportunities in power sector for which NPTI is conducting various short term and long term courses.

The students visited the replica simulator of 210 MW thermal power plant in smaller groups and were explained the functioning of control room of a thermal power plant with the help of the replica simulator.

Jackson Engineers Limited, Greater Noida

Industrial visit to Jackson Engineers Limited, Greater Noida, was conducted during 4-5 February, 2019 for B.Tech II year ME students. The purpose of industrial visit was to make the students aware about the industrial working culture as well as practical exposure related to the real time engineering.

Mr. Dev Sharma, Plant Head & Mr. Jai Srivastava, HR Executive welcomed the group of students and accompanying faculty members. Mr. Dev Sharma explained the organization and the working of the industry and took the group for the tour to the industry. He also apprised the students about entrepreneurship and the challenges likely to be faced in starting of any new company.

Advanced Concepts in Mechanical Engineering (ACME)

Department of Mechanical Engineering organized National Conference **Advanced Concepts in Mechanical Engineering (ACME)** during 7-8 September, 2018. Air Marshal Pankaj Aneja PVSM VSM (Retd.) graced the Opening Ceremony as the Chief Guest, Shri Shankar Brahma, Head R&D, M/s. Sriram Pistons & Rings Ltd. Ghaziabad was the Guest of Honour and Dr. Sachin Maheshwari, Professor & Dean, Department of Mechanical Engineering, NSIT, New Delhi, was the Key Note Speaker. The delegates from JMI New Delhi, YMCA Faridabad, NIT Kurukshetra, NITTR Chandigarh and other colleges participated in the conference.

The aim of the conference was to provide a knowledge sharing platform for researchers, academicians and industry personnel. The conference provided an opportunity to students to get exposed to the culture of academic development and to the field of research and innovation.

During the two days, 20 papers were presented in different sessions chaired by eminent academicians and industry personnel. E-proceedings of the presented papers was released.

Automation, Robotics and 3D Printing in Construction

Two day National Seminar on **Automation, Robotics and 3D Printing in Construction** was organised by Department of Civil Engineering on 15-16 October, 2018 in reverence to Dr. A.P.J. Abdul Kalam on his birth anniversary on 15 October.

The event was graced by the presence of Dr. P. R. Swarup, Director General of Construction Industry Development Council (CIDC), as Chief Guest, Mr. S. K. Varshney, Head of International Cooperation, Bilateral, Department of Science & Technology, Govt. of India, New Delhi, as Guest of Honour and Dr. S. J. Vijay, Director of hoMMission India Pvt. Ltd., Bengaluru, as Keynote Speaker. Dr. R. K. Agarwal, Director AKGEC, introduced the theme of the conference in his welcome speech and welcomed the guests, delegates, faculty and students to the two day National Seminar.

It is a matter of pride and encouragement for AKGEC to have received messages and good wishes from eminent persons including Dr. Rajeev K. Tayal, Secretary, Science and Engineering Research Board (SERB) of DST, Govt. of India. and Prof. Vinay Kumar Pathak, Vice Chancellor, AKTU. The messages were read to all the delegates. The e-proceeding of the presented papers was released.

Emerging Trends in Electronics & Communication-2019 (ETEC-2019)

Department of Electronics and Communication Engineering organized National Conference **Emerging Trends In Electronics & Communication - 2019 (ETEC-2019)** during 5-6 February, 2019 with the aim to provide platform for researchers, industry experts and faculty of various engineering colleges to share their ideas and research work over the latest developments in the field of electronics and communication.

Mr. Kuldeep Goyal, Telecommunications Consultant & Former Chairman and Managing Director, BSNL, graced the inaugural ceremony as the Chief Guest. Mr. Bharat Bhatia, Head of International Spectrum team at Motorola Solutions, Government Affairs Public Protection & Disaster Relief (PPDR), Spectrum Management & ICT Policies & Regulations was the Guest of Honour. Mr. Jitendra Singh, Senior Director, Government Affairs, Qualcomm (India & South Asia), delivered the keynote address.

The conference received 100 research papers of which 33 papers were selected for publication in the e-proceedings. Twenty five papers were presented over the two days. Technical talks were delivered by eminent speakers during the sessions.

Speakers	
Wg. Cdr (Retd.) Arif Ullah Khan	CEO Chrishall T-Sec Solutions New Delhi
Mr. Vikas Nigam	Assistant Director ALTTC
Dr. Sanjeev Yadav	Assistant Professor Women Engineering College, Ajmer
Mr. Amit Tiwari	Project Manager BEL

Relevance of Applied Sciences to Emerging Technologies (ROASET-2019)

Department of Applied Sciences & Humanities organized National Conference **Relevance of Applied Sciences to Emerging Technologies (ROASET-2019)** during 24-25 April, 2019.

The inaugural session was graced by the presence of Dr. K.T.V. Reddy, President IETE as Chief Guest, Col. Pradeep K. Bhat (Retired) as Guest of Honour, Prof. R. K. Kotnana, distinguished Scientist in NPL as Keynote Speaker, Dr. Om Dutt Sharma Acharyaji as Special Invitee, Dr. R. K.Agarwal - Director AKGEC, Heads of Departments, Deans, faculty and students. During his address, Dr. K.T.V. Reddy highlighted the role of Basic Science and Applied Sciences research in developing technologies. Col. Pradeep K. Bhat emphasized the role and importance of applied research related to cyber security. Prof. R. K. Kotnana delivered keynote address on 'Humidity Sensor and Solar Cell Technology & Hydroelectric Cell'. He also demonstrated the working of hydroelectric cell. Dr. Om Dutt Sharma delivered a talk on 'Relevance of Vedas to Modern Sciences'.

Technical talks were delivered by eminent speakers during the sessions.

Speakers	
Dr. Bhanu Pratap Singh	Sr. Scientist and Deputy Head Advanced Carbon Products Section of Advanced Materials and Devices Division New Delhi
Prof. Pramod Kumar Yadav	Professor Department of Applied Sciences & Humanities MNNIT, Allahabad
Dr. Adarsh Anand	Assistant Professor Department of Operational Research Faculty of Mathematical Sciences University of Delhi
Prof. V. K. Singh	Dean Academics IPEC, Ghaziabad

Forty research papers were presented during the conference. All selected papers have been forwarded to Scopus indexed International Journal of Mathematical Engineering & Management Sciences for selection and publication.

Microelectronics & Wireless Communication

Department of Electronics and Communication Engineering conducted five day FDP on **Microelectronics & Wireless Communication** from 02-06 July, 2018.

The topics of interest included Signal Processing, Image and Video Processing, Analog and Digital VLSI Design, Embedded Systems, Communication Engineering, Ad-Hoc Networks, Wireless Mobile Communication, Sensor Networks, Control & Instrumentation and Microwave Theory and Techniques.

The resource persons for this program were accomplished experts from organizations like ITU, ISRO, Space Applications Centre, BSNL, IITs, JMI, NSIT and DTU. The event provided the participants with valuable exposure to the latest technological developments.

Machine Learning and Data Analytics with Python

Five day FDP on **Machine Learning and Data Analytics with Python** was organized by Department of Computer Science and Engineering & Department of Information Technology in association with Electronics & ICT Academy, IIT Roorkee from 4-8 December, 2018. The FDP was conducted as an initiative to enrich the knowledge of faculty members through interaction with eminent personalities and resource persons from IIT Roorkee and Industry.

Total 42 participants from Orange Business Services, Gurugram; Wipro Technologies, Noida; Punjab University, Chandigarh; ABES Engineering College, Ghaziabad; KIET Group of Institutions, Ghaziabad; IMS Engineering College, Ghaziabad; I.T.S. Engineering College, Greater Noida; Noida Institute of Engineering and Technology, Noida; Prince Institute of Innovative Technology, Greater Noida and Ajay Kumar Garg Engineering College, Ghaziabad attended the FDP and got benefitted. The resource persons included Dr. Sanjeev Manhas, Principal Investigator, E&ICT Academy, IIT Roorkee and Mr. Sriraman Rajagopalan, Vowel Softech Pvt. Ltd. Dr. Partha Pratim Roy, Assistant Professor, CSE Department, IIT Roorkee delivered a Guest Lecture on 'Recent Trends in Machine Learning'. Certificates of participation were awarded to the participants.

Electric Drives and Hybrid Electric Vehicles

Department of Electrical and Electronics Engineering conducted FDP on **Electric Drives and Hybrid Electric Vehicles** during 14-18 January, 2019. The objective of the FDP was exposure to the latest status of Hybrid Electric Vehicles and Electric Drive Systems and enhancement of teaching skills in the related areas like Hybrid Energy, Electric Drives, Power Electronics Systems and Control & Sensing Technologies. The resource persons were drawn from leading institutes. The FDP was attended by 20 participants.

Topic	Speaker
DC Electric Drives AC Electric Drives	Dr. A. K. Jain Associate Professor, IIT Delhi
Role of Renewable Energy in Electric Vehicles	Dr. A. K. Rai Professor, AKGEC
Autonomous Vehicles	Dr. Bhupal Singh Professor and HoD EN, AKGEC
Challenges and Opportunity of Electric Vehicles	Dr. Mohit Bansal Professor and HoD EN GLBITM, Greater Noida
Hybrid Electric Energy	Dr. J. S. Lather Professor, NIT, Kurukshetra
Special Electric Machines	Dr. J. G. Yadav Associate Professor, AKGEC
Power Electronic Control of Electric Drives	Ms. Vani Bhargava Assistant Professor, AKGEC

Wireless & Mobile Communication

Department of Electronics & Communication Engineering organized five day FDP on **Wireless & Mobile Communication** during 21-25 January, 2019. The main objective of this FDP was to provide a platform for researchers, industry experts and faculty of various engineering colleges to share their ideas and research work over the latest developments in this field.

The topics covered by the resource persons from various academic and industrial organizations included Future of Mobile Networks : 5G & Beyond, Satellite Communication & Application, Millimeter Wave Technology, Design & Development of Conformal & Reconfigurable UWB Antennas for Wearable Applications, Latest Trends in Solid & Microwave Technology, Recent Advancement in Antenna Technology, Radio Resource Allocation in 2G, 3G & 4G, Free Space Optical Communication: Channel Modeling and Analysis, LYAPUNOV based stability for Rate Control on Dynamic Networks and Network Function Virtualization & Software Defined Networks.

The resource persons for the FDP were experts from organizations like HFCL, ALTTC Ghaziabad, BEL , JIIT Noida, ABSEC Ghaziabad, DTU Delhi, Amity University Noida and Sharda University Greater Noida.

Android Application Development

Five day FDP on Android Application Development, sponsored by Dr. A.P.J. Abdul Kalam Technical University, Lucknow under TEQIP-III scheme, was organized by Department of Computer Science and Engineering during 4-8 February 2019. The FDP was conducted as an initiative to enrich the knowledge of faculty members through interaction with eminent personalities and resource persons from Industry and academia. Total 40 participants from Manglayam Institute of Technology, Greater Noida, G. L. Bajaj Institute of Technology, Greater Noida, Bhagwati Institute of Technology, Ghaziabad, Translam Institute of Technology & Management, Meerut and Ajay Kumar Garg Engineering College, Ghaziabad attended the FDP and got benefitted.

Current Research Trends in Artificial Neural Networks

Five day FDP on **Current Research Trends in Artificial Neural Networks** was organized by Department of Computer Science and Engineering during 8 - 12 July, 2019. The FDP, conducted as an initiative to enrich the knowledge of faculty members through interaction with eminent resource persons from various academic institutions, was sponsored by Dr. A.P.J. Abdul Kalam Technical University, Lucknow under TEQIP-III scheme.

Total 50 participants from Manglayam Institute of Engineering & Technology, Greater Noida; Bhagwati Institute of Technology and Science, Ghaziabad; ITS Engineering College, Greater Noida; JSS Academy of Technical Education, Noida; ABES Engineering College, Ghaziabad; IMS Engineering College, Ghaziabad; Raj Kumar Goel Institute of Technology, Ghaziabad and Ajay Kumar Garg Engineering College, Ghaziabad attended the FDP and got benefitted.
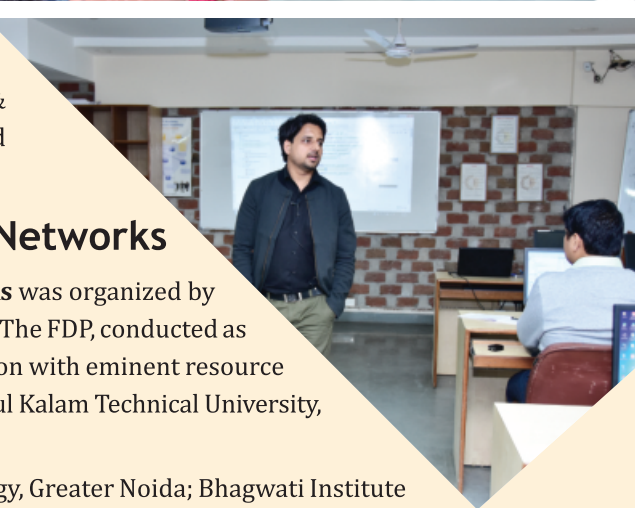
Speaker	Institution	Topic Covered
Dr. Shikha Mehta	Jaypee Institute of Information Technology, Noida	Current Research Trends in Artificial Neural Networks and Machine Learning
Dr. Ankit Vidyarthi	Jaypee Institute of Information Technology, Noida	Use of Neural Networks in Web
Dr. Divakar Yadav	M. M. M. University of Technology, Gorakhpur	Neural Networks and Machine Learning Algorithms
Dr. Yamuna Prasad Shukla	IIT Jammu	Unsupervised Learning Networks and Discrete Hopfield Networks with their Practical Implementation in Google Colab Tool
Dr. Anuja Arora	Jaypee Institute of Information Technology, Noida	Diabetes Classification on Pima Indians Diabetes Database through Machine Learning and Neural Network Programming on Google Colab Tool

Advanced Foundation Design

Department of Civil Engineering conducted five day FDP on **Advanced Foundation Design** during 8-12 July, 2019. The FDP, sponsored by Dr. A.P.J. Abdul Kalam Technical University, Lucknow under TEQIP-III scheme, was attended by 19 participants from various institutes as well as faculty of Department of Civil Engineering, AKGEC.

Speaker	Topic Covered
Mr. N.C. Adak Senior General Manager (Engg-TL) in Power Grid Corporation of India Ltd.	Design and Construction of Pile Foundation in River Crossing Locations
Dr. B.K. Singh Professor in the Department of Civil Engineering ABES Engineering College, Ghaziabad	Construction of Piles for Pipe Conveyor Belt Under Sea Water
Dr. Amit Kumar Shrivastava Professor in the Department of Civil Engineering and Associate Dean (Outreach & Extension Activity) Delhi Technological University	Sustainable Construction Practice for Foundations
Dr. S.C. Maiti Technical Consultant at Ultra Tech Cement Limited	Material and Concrete Mix for the Foundation Structure
Mr. Akhlesh Kumar Srivastava Head of the Department of Civil Engineering IMS Engineering College, Ghaziabad	Basics of Machine Foundation
Mr. Jatinder Singh Pahuja Managing Director of Paragon Consultant & Senior Principal Consultant at Tandon Consultant Pvt. Ltd.	Caisson Foundation and its Functions Various Types of Caisson Foundation
Dr. Prashant Mukherjee Head of the Department of Civil Engineering G.L. Bajaj Institute of Technology, Greater Noida	Effect of Liquefaction on Shallow Foundation

WORKSHOPS ON HUMAN VALUES AND PROFESSIONAL ETHICS

Professional skills alone are not sufficient to achieve excellence, these need to be complemented with the right values for a more disciplined, meaningful and happy life. Proper understanding of human values leads to clarity of life goals and mutual fulfillment of inter relationships.

The AKTU Value Education Cell under the aegis of Dr. A. P. J. Abdul Kalam Technical University organized various workshops on Universal Human Values and Professional Ethics (UHVPE) throughout the year for faculty and students of AKGEC as well as other Colleges.

Workshops Organized at AKGEC			
Date	**Event Name**	**Resource Persons**	**Participants**
27-31 August, 2018 (5 Days, 2 Hours Daily)	Workshop on 'Understanding Science of Relationships through Self-Exploration'	Mr. Gopal Babu, AKGEC Mr. Shashank Sahu, AKGEC	55 students of AKGEC
17-24 December, 2018 (8 Days)	Refresher Workshop on UHVPE	Mr. Gopal Babu, AKGEC	25 faculty from AKTU affiliated colleges
4-8 February, 2019 (5 Days, 2 Hours Daily)	Refresher Workshop on 'Understanding through Self-Exploration'	Mr. Gopal Babu, AKGEC	31 students of AKGEC
25 February, 2019 - 1 March, 2019 (5 Days, 2 Hours Daily)	Workshop on 'Understanding Relationships through Self-Exploration	Mr. Gopal Babu, AKGEC	24 students of AKGEC
1-5 April, 2019 (5 Days, 2 Hours Daily)	Workshop on "Understanding Relationships through Self-Exploration"	Dr. Parul Verma, AKGEC	9 students of AKGEC
9-16 May, 2019 (8 Days)	Level-3 Workshop on UHVPE	Mr. Kumar Sambhav, UPID, Noida	23 faculty from AKTU affiliated colleges
8-15 July, 2019 (8 Days)	Student Development Program on UHVPE	Dr. Parul Verma, AKGEC	55 students from AKTU affiliated colleges

Aiming at personal transformation and through that the evolution of a humane society, AKGEC deputed its faculty to attend 8 day Universal Human Values and Professional Ethics Workshops at various institutes throughout the year.

Workshops Attended by AKGEC Faculty	
Workshop	**Number of Faculty**
Level-1	88
Refresher	21
Level-2	8
Level-3	13

In addition, discussions on the subject for members with exposure to UHVPE workshops were organized every week.

AKGEC faculty have also contributed as resource persons, facilitators and observers during various UHVPE workshops at AKGEC and other Colleges.

RESEARCH PUBLICATIONS

Faculty Member	Publication	Conference / Journal
Department of Information Technology		
Mr. J.K.Seth	Nophish : A Phish Detector in Cloud Services	Telecommunications and Radio Engineering Journal, Vol. 77, Issue 12, Pp. No. 1055-1069 July, 2018
	MIDS : Metaheuristic Based Intrusion Detection System for Cloud using k-NN and MGWO	International Conference on Advances in Computing and Data Sciences ICACDS), Communications in Computer and Information Science (CCIS), Springer, 2018. (Scopus) October, 2018
	An Effective DOS Attack Detection Model in Cloud Using Artificial Bee Colony Optimization	3D Research, Vol. 9, no. 3, pp. 44, Springer 2018. (Scopus) September, 2018
Dr. Anu Chaudhary	Bandwidth Constrained Qos Routing in Manet	International Conferences on Computational Intelligence and Data Analytics, ICCIDA, 2018 October, 2018
Dr. Vivek Singh Verma	Robust Video Watermarking using Significant Frame Selection Based on Coefficient Difference of Lifting Wavelet Transform	Multimedia Tools and Applications, Vol. 77, Issue 15, pp. 19659–19678 August, 2018
	Image Enhancement In Lifting Wavelet Transform Domain	AIP Conference Proceedings 2061 January, 2019
	Robust Digital Image Watermarking Scheme Based on Discrete Fractional Fourier Transform	AIP Conference Proceedings 2061 January, 2019
	Radon Transform and Dynamic Stochastic Resonance Based Technique for Line Detection from Noisy Images	Easy Chair, issue- 959 May, 2019
	Dynamic Stochastic Resonance Based Blocking Artifacts Removal from Compressed Images in DCT Domain	Easy Chair, issue- 961 May, 2019
	A New Scheme for Watermark Extraction using Combined Noise Induced Resonance and Support Vector Machine with PCA Based Feature Reduction	Multimedia Tools and Applications, Springer, pp. 1-22 May, 2019
Dr. Sushil Kumar	On the Learning Machine with Quaternionic Domain Neural Network and its High Dimensional Applications	Journal of Intelligent and Fuzzy Systems (JIFS) December, 2018
Ms. Anupama Sharma	Selection of High Quality Path Through Mxaodv in Mobile Ad-Hoc Network	International Journal of Systems, Control and Communications, 2019 Vol.10 No.1, pp.1-17 January, 2019
Department of Mechanical Engineering		
Dr. Namrata Gupta	Investigation of In-process Traverse Force Evolution during Surface Composite Fabrication on al-zn-mg-cu Alloy through Friction Stir Processing	International Conference on Computational and Experimental Method in Mechanical Engineering 2019 (ICCEMEE 2019) organized by GL Bajaj Institute of Technology and Management, Greater Noida during 3-5 May 2019
	In-siru Wire-feed Additive Manufacturing of Cu-Al Alloy by Addition of Silicon	International Journal of Applied Surface Science, 487 (2019) pp. 1366-1375
Department of Electrical and Electronics Engineering		
Mr. Dinanath Prasad	Modelling and Simulation of Micro Grid Solar Photo Voltaic System with Energy Storage	2nd IEEE International Conference on Power Electronics Intelligent Control and Energy Systems October, 2018
Mr. Harsh Mohan Sharma	Optimization of Off-grid Hybrid Model using Solar Photovoltaic-Wind-DG Technologies for the Climate Conditions of the State of Rajasthan	3rd International Conference and Workshop on Recent and Innovations in Engineering November, 2018

Faculty Member	Publication	Conference / Journal
Dr. Sukhwinder Singh Dhillon	Automatic Generation Control of Interconnected Power System using Elephant Herding Optimization	Lecture Notes on Electrical Engineering (SPRINGER) International Conference on Intelligent Computing Techniques for Smart Energy System December, 2018
Ms. Vani Bhargava	A Comparative Modelling Analysis of Optimized Multilevel Inverter Topologies with Reduced Device Count for SPV and Wind Integration Paper Id 641(Accepted Paper)	International Conference on Signal Processing & Integrated Networks", SPIN March, 2019
	Successive Optimization using Analytical Method for Multiple DG Placement in Primary Distribution System Paper ID SPEE 2005 (Accepted Paper)	First International Conference on Advances in Electrical and Computer Technologies 2019 (ICAECT 2019), Springer April 2019
Department of Electronics and Communication Engineering		
Dr. P. K. Chopra	A Trapezoidal Cross-Section Stacked Gate FinFET with Gate Extension for Improved Gate Control	International Journal of Advanced Computer Science and Applications (IJACSA), Vol. 10, No. 1, pp. 189-194, 2019
Prof. Neelesh Gupta	Energy Efficient Routing Protocols in MANET-An Overview	Proceeding of CSNT-18 Held at Bhopal, pp. 28-November 2018
	High Speed and Delay Efficient Convolution by using Kogge Stone Device	AKGEC International Journal of Technology, Vol. 9 No-2, ISSN 0975–9514 December 2018
Mr. Abhijeet Upadhya	Relay-aided Free-space Optical Communications using $\alpha-\mu$ Distribution over Atmospheric Turbulence Channels with Misalignment	Journal of Optics Communications-Elsevier Vol. 416, pp. 117-124June 2018
Mr. Jitender Chhabra	SIMO Type Voltage Mode Bi-quadratic Multi Function Filter A Novel Realization of Current Mode First Order Universal Filter	International Conference on Signal Processing & Integrated Networks, SPIN -2019 at Amity University, Noida 7-8 March. 2019
Mr. Naresh Kumar	Simulation of MIMO-FSO System with Gamma-Gamma Fading under Different Atmospheric Turbulence Conditions	IEEE-International Conference ICSC-2019 at JIIT, Noida 7-8 March, 2019
Department of Computer Science and Engineering		
Mr. Vikas Kamra	Formulation of an Elegant Diagnostic Approach for an Intelligent Disease Recommendation System	9th International Conference on Cloud Computing, Data Science & Engineering (Confluence-2019) at Amity University, Noida 10-11January, 2019
Ms. Lipika Goel	Substantiation of Software Defect Prediction using Statistical Learning: An Empirical Study	Conference on Internet of Things, Smart Innovation and Usages 2019 at Krishna Engineering College, Ghaziabad 18-19 April, 2019
Dr. Sonam Gupta	Identification of File and Directory Level Near-miss Clones for Higher Level Cloning	International Journal of Engineering and Advanced Technology Vol. 3, Issue 8 February 2019
Dr. Sachin Kumar	Novel Additive Increase and Multiplicative Decrease Algorithm for Congestion Control in TCP	International Journal of Pure and Applied Mathematics (Scopus Indexed)
	NuFish : A Phish Detection in Cloud Services	Telecommunications and Radio Engineering Journal 2018
Dr. Sonam Gupta Dr. Arun Kumar Yadav	Improved Image Stegnography using LSB Communication and Data Science at HBTU, Kanpur	National Conference on Intelligent Computing, 29 -30 November, 2018
	Online Food Court Payment System using Block Chain Technology	5th IEEE Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering (UPCON-2018) at Madan Mohan Malaviya University of Technology, Gorakhpur 2-4 November, 2018

Faculty Member	Publication	Conference / Journal
Mr. Jay Kant Pratap Singh Yadav Dr. Arun Kumar Yadav	An Overview on Soft Computing	National Conference on Intelligent Computing, Communication and Data Science at HBTU, Kanpur 29 -30 November, 2018
Department of Civil Engineering		
Dr. K. Kamal Ms. Anubha Gupta	Pragmatic Strength Advantage on Use of GRPF Composites Jacketed Concrete Columns	Annual International Conference on Composites or Nano Engineering, ICCE-26 Paris, France, 15-21 July, 2018.
Ms. Kshma Shukla Mr. Prasant Agarwal Dr. K. Kamal	Development of Corrugated Sandwich Profile Panels in a Designed Mix from 3D Concrete Mix Printer	1st International Conference on 3D Construction Printing, Swinburne University of Technology, Melbourne, Australia 26 -28 November, 2018

FDPs ATTENDED BY FACULTY

Faculty are encouraged to attend Faculty Development Programs, Workshops and Seminars in order to stay abreast with the current trends and technologies as well as enrich their knowledge.

Faculty	Department	FDP / Workshop / Training	Date(s)	Organizer	Venue
Dr. Lalit Kumar Saraswat Mr. Ruchin Gupta	IT	Workshop on Cyber Security	09-08-2018	JSSATE, Noida	JSSATE, Noida
Dr. Neelesh Gupta Mr. Anup Kumar	EC	Workshop on Virtual Laboratories	15-09-2018	IIT Kanpur	IIT Kanpur
Mr. Abhishek Tiwari	EC	Training Program on IOT: Technologies and Application for Smart Cities	29-10-2018 to 02-11-2018	ALTTC, Ghaziabad	ALTTC, Ghaziabad
Mr. Deepak Rai	CSE	CEP on Big Data Computing: A Practical Approach	03-12-2018 to 07-12-2018	IIT, Patna	IIT, Patna
Mr. Ashutosh Yadav Mr. Anup Kumar Mr. Ruchin Gupta	ME EC IT	FDP on Entrepreneurship Development	10-12-2018 to 21-12-2018	Sponsored by Department of Science & Tech. Govt. of India	ITS Engineering College, Greater Noida
Mr. Naresh Kumar	EC	Workshop on Photonic Design and Simulation using Opti System	13-12- 2018	HRU Systems Inc. Ghaziabad	JIIT Noida
Mr. Harsh Mohan Sharma	EN	FDP on Entrepreneurship	22-12-2018 to 04-01-2019	Sponsored by DST	KIET, Ghaziabad
Mr. Neeraj Sharma	EC	Short Term Course on RF & Microwave Antenna	05-01-2019 to 09-01-2019	MITS Gwalior	MITS Gwalior
Mr. Abhishek Tiwari	EC	FDP on Internet of Things (IoT) with Cloud Applications	08-01-2019 to 12-01-2019	Electronics & ICT Academy IIT Roorkee	IIT Roorkee
Dr. Kamal Kumar Mittal	ME	FDP on Modern Thermal Power Generation Technologies	29-01-2019 to 02-02-2019	GL Bajaj, Greater Noida	GL Bajaj, Greater Noida
Dr. Aviral Mishra	ME	Brain Storming Session on Sunrise Technologies	18-03-2019	AKTU Lucknow	AKTU Lucknow
Prof. Mamta Bhusry Prof Rakesh Srivastava Dr. S S Dhillon Prof. Vivek Singh Verma Dr. Kamal Kumar Mittal	CSE CE EN IT ME	Workshop on Design Thinking	30-03-2019	U.P. Institute of Design, Noida	U.P. Institute of Design, Noida
Mr. Jitendra Kr. Seth Mr. Shashank Sahu	IT CSE	SAP ABAP Training	13-05-2019 to 23-05-2019	Dexler Information Solutions Pvt. Ltd., Bengaluru	NIET, Greater Noida
Mr. Lucknesh Kumar Mr. Saket Kumar Singh	IT CSE	The Talent Next Workshop	15-05-2019 to 22-05-2019	Wipro Limited, Electronic City, Bengaluru	Wipro Limited, Electronic City, Bengaluru
Prof Mamta Bhusry	CSE	MDP on Leadership Skills and Team Management for Deans and HoDs of AKTU Affiliated Institutions	16-05-2019 to 19-05-2019	IIM Lucknow	IIM Lucknow
Mr. Abhishek Tiwari	EC	Training Program on Evolution and Emerging Trends of Broad Band Access Technologies	20-05-2019 to 24-05-2019	ALTTC BSNL Ghaziabad and ITU, Sponsored by AKTU Lucknow	ALTTC, Ghaziabad
Dr. Namrata Gupta Dr. Suman Gothwal	ME	FDP on Industry 4.0 and Smart Manufacturing	10-06-2019 to 14-06-2019	Sponsored by Dr. A.P.J. Abdul Kalam Technical University, Lucknow	ABES Engg. College, Ghaziabad
Dr. J. G. Yadav Mr. Dinanath Prasad	EN	Short Term Course on Next Generation Power Converters: Design, PWM Strategy and Control	01-07-2019 to 05-07-2019	IIT, Delhi	IIT, Delhi

Faculty	Department	FDP / Workshop / Training	Date(s)	Organizer	Venue
Mr. Atul Sood	EN	Faculty Training Program on Introduction to Basic Electrical Engineering	02-07-2019 to 06-07-2019	Sponsored by Dr. A.P.J. Abdul Kalam Technical University, Lucknow	IIT Kanpur
Dr. Kamal Kumar Mittal Mr. Neeraj Gupta	ME	Training Program on Technical/ Engineering Drawing	09-07-2019 to 13-07-2019	Sponsored by Dr. A.P.J. Abdul Kalam Technical University, Lucknow	IIT Kanpur
Mr. V.K. Pansari Dr. Aviral Misra	ME	FDP on Mechanics of Solids (MOS-2019)	15-07-2019 to 19-07-2019	Sponsored by Dr. A.P.J. Abdul Kalam Technical University, Lucknow	KIET, Ghaziabad
Dr. Vishwas Grover	ME	Workshop on Manufacturing for Industry 4.0	15-07-2019 to 19-07-2019	Indian Institute of Technology, Ropar	IIT, Ropar
Mr. Dilip Kumar	ME	FDP on Energy – A Sustainable Future	15-07-2019 to 19-07-2019	Sponsored by Dr. A.P.J. Abdul Kalam Technical University, Lucknow	Indraprastha Engineering College, Ghaziabad

GUEST LECTURES

Topic	Speaker	Date	Department
Machine Learning-Hot Era of Programming	Mr. Pramod Kumar Shukla Business Analyst, BT Data and Surveying India Pvt.Ltd., Noida	28-07-2018	CSE
Project Life Cycle Execution Methodologies	Mr. Yogen Chawla Associate Director Yareya Consulting Services Pvt Ltd, Noida	30-07-2018	IT
Advances in Thermal Engineering	Dr. Lajpat Rai Taneja Ex. Prof. IIT Delhi	31-07-2018	ME
1G - 5G: Generations of Wireless Communication Overview, Challenges & Advancements	Mr. Arif Khan CEO, Chrishall T-sec Solution, New Delhi	31-07-2018	ECE
RF & Microwave Technology	Mr. Amit Tiwari Project Manager BEL	21-08-2018	ECE
Data Science: Strength of the Data	Mr. Auneesh Mukherjee Manager Accenture Services Sp.z.o.o, Poland	24-08-2018	IT
Power Plant Familiarization	Mr. Ashutosh Kumar Srivastava DGM (O & M), NTPC, Dadri	24-08-2018	ME
Energy Management in Buildings using IOT	Mr. Rupesh Kumar Sheoran Sr. Manager NTPC, Dadri	25-08-2018	TIFAC
Energy Management in Buildings using IOT	Mr. Rupesh Kumar Sheoran Sr. Manager NTPC, Dadri	25-08-2018	EN
VUE.JS	Ms. Priyanka Sharma Project Manager Green Web Media, Noida	30-08-2018	CSE
Sustainable Concrete & Role of Civil Engineers in the Society	Mr. Alok Bhowmick M.D. BSEC Pvt. Ltd.	30-08-2018	CE
Regulatory Issues Related to 5G	Mr. Jitendra Singh Sr. Director Qualcomm	06-09-2018	ECE
Metal 3D Printing by Welding Arc Based Additive Manufacturing	Dr. Xizhang Chen Professor Wenzhou Univ. China	20-09-2018	ME
Processing of Aerospace Ti Alloy by Ion Beam	Dr. Sergey Konovalov Professor & HOD Samara National University, Russia	20-09-2018	ME

Topic	Speaker	Date	Department
Friction Stir Processing	Dr. Arshad Noor Siddiquee Prof., JMI University, New Delhi	20-09-2018	ME
Introduction to PLC & SCADA	Mr. Vikas Dhiman Deputy Manager Emerson Electric Company	22-09-2018	EN
How Automation Challenge the Traditional IT Work and How to prepare yourself	Mr. Mridul Bhardwaj Program Manager, HCL Technologies, Noida	24-09-2018	CSE
Internet of Things and its Applications	Mr. Rupesh Kumar Sheoran Sr. Manager NTPC, Dadri	26-09-2018	EN
Data Science: Strength of the Data	Mr. Wilson Mathur Project Manager Acro Technology, Noida	27-09-2018	IT
Advanced Packaging Techniques	Mr. Satendra Kumar Chauhan Manager (Mechanical) Uflex, Noida	24-10-2018	ME
Indian Railways -An Overall Perspective and Civil Engineering Applications	A.V. Mittal IRSE-1990 Batch Dy. Chief Engineer Northern Railway, New Delhi	25-10-2018	CE
Artificial Intelligence and Automation	Mr. Manjit Singh Sr. Telecom Consultant	26-10-2018	ECE
Emerging Technology Trends	Mr. Yogen Chawla Associate Director Yareya Consulting Services Pvt Ltd, Noida	26-10-2018	IT
Web API	Mr. Manoj Kumar Anand Engineer IQOR India Services, Noida	30-10-2018	CSE
5G & its Dependence on SDN and NFV	Dr. R.K. Mehrotra Professor Sharda University, Noida	13-11-2018	ECE
Cloud Computing and Cloud Security	Mr. Santanoo Pattnaik Co-founder & CEO Sansoftech Services Pvt. Ltd, New Delhi	14-11-2018	IT
Combustion Systems & Role of Hydrogen in Emission Control	Prof. Praveen Kumar Pandey Director/Principal Echelon Institute of Technology, Faridabad	29-01-2019	ME
Importance And Scope of Business Analysis in Current Market	Mr. Pramod Kumar Shukla Business Analyst BT Data and Surveying India Pvt.Ltd., Noida	29-01-2019	CSE
Test Measurements and Control Technologies	Mr. Yogesh R.P.F, LabVIEW Architect	25-02-2019	EN
Metrology: Is it Really Required	Dr. Harish Kumar Head, Mechanical Engineering National Institute of Technology, Delhi	27-02-2019	ME
Artificial Intelligence: The Future Tool	Mr. Wilson Mathur Analytic and Solutions Oriented IT Consultant Associate Manager V3 Foundation, Noida	07-02-2019	IT
Change in Software Development Process of AI and Big Data	Mr. Mridul Bhardwaj Program Manager, HCL Technologies, Noida	14-02-2019	CSE
Introduction to Microwave Communication & Passive Microwave Devices	Mr. Amit Tiwari Project Manager BEL	14-02-2019	EC

Topic	Speaker	Date	Department
Test Measurements and Control Technologies	Mr. Yogesh Project Leader Unilogic Technologies Coimbatore	25-02-2019	TIFAC
Present, Past and Future of Electronics & Telecommunication	Mr. Arif Khan CEO, Chrishall T-sec Solution, New Delhi	15-03-2019	ECE
Cloud Computing	Mr. Manoj Kumar Anand Engineer IQOR India Services, Noida	24-03-2019	CSE
Electro-Hydraulics in Industrial Automation	Bosch, India	02-04-2019	TIFAC
Automation Tools for Software Application Testing	Mr. Yogen Chawla Associate Director Vareya Consulting Services Pvt Ltd	03-04-2019	IT
Introducing Smart Generation of Today to a Smarter Way of Learning	Mr. Harsh Sharma Vconnekt Founders Gurgaon, Haryana	16-04-2019	IT
Angular 7 And Spring Boot 2.x	Mr. Nagendra Kumar Yadav Technical Manager, CA Technologies	18-04-2019	CSE
Art CMOS Design Methodology	Mr. Pankaj Gautam Principal Application Engineer Cadence Design System	23-04-2019	ECE

STAFF DEVELOPMENT PROGRAMS

The departments conducted Staff Development Programs (SDPs) during the year with the aim to enhance the professional and technical abilities of the lab staff. The sessions were delivered by the experts/trainers from industry and faculty members.

Staff Development Program	Duration	Resource Person	Lab Staff
Department of Information Technology			
Web Technologies	15-19 July, 2019	Dr. J.K. Seth Associate Professor, IT	All Lab Staff
Department of Computer Science and Engineering			
Java Programming	15-19 July, 2019	Dr. Sonam Gupta Associate Professor, CSE	All Lab Staff
Department of Electronics and Communication Engineering			
Mobile: Repairing, Tracing and Software Updation	22 May, 2019 to 22 June, 2019	Hi-Tech Mobile Training Institute, Ghaziabad	Mr. Awadh Kumar Mr. Himanshu Dwivedi
Latest Professional and Technical Skills in ECE	10-14 June, 2019	DesignTech Systems Ltd. New Delhi CoreEl Technologies, New Delhi and AKGEC, Ghaziabad	All Lab Staff
Department of Electrical and Electronics Engineering			
Electric Machine–I	11–21 June, 2019	Dr. Sarika Kalra Associate Professor, EN Mr. Ritesh Sharma Assistant Professor, EN	All Lab Staff
Control System		Mr. Deepak Narang Mr. Lalitesh Kumar Assistant Professors, EN	
Power Electronics		Mr. Mahendra Dutt Ms. Nupur Mittal Assistant Professors, EN	
Electrical Design and Fabrication		Dr. S.S. Dhillon Associate Professor, EN Ms. Nisha Sarda Assistant Professor, EN	
Department of Mechanical Engineering			
Workshop Lab	11–14 June, 2019	Dr. Umesh K Vishwakarma Assistant Professor, ME	All Lab Staff
Manufacturing Science Lab		Ms. Sunita Tiwari Assistant Professor, ME	
Engg. Mechanics Lab		Mr. A.K. Dubey Assistant Professor, ME	
Engg. Graphics Lab		Dr. Kamal K Mittal Assistant Professor, ME	
Measurement & Metrology Lab		Dr. Kamal K Mittal Assistant Professor, ME	
Material Science & Testing Lab		Dr. Aviral Mishra Assistant Professor, ME	
Fluid Mechanics Lab Automobile Lab		Mr. Ashutosh Yadav Assistant Professor, ME	
Thermodynamics Lab		Mr. Mayank K Tiwari Assistant Professor, ME	
Machine Design Lab-I Machine Design Lab-II		Mr. Mayank Agrawal Assistant Professor, ME	
TOM Lab		Mr. Ankur Tyagi Assistant Professor, ME	
HMT Lab Fluid Machinery Lab		Mr. H.S. Chaurasiya Assistant Professor, ME	
RAC Lab		Mr. Amit K Tripathi Assistant Professor, ME	
CAD/CAM Lab		Mr. Pradeep Jain Associate Professor, ME	
Machine Drawing-I & II Lab		Dr. Vishwas Grover Assistant Professor, ME	

FACULTY

New Additions to the AKGEC Family

S. No.	Name	Designation
Department of Computer Science and Engineering		
1.	Mr. Santosh Kumar Upadhyay	Assistant Professor
2.	Mr. Vikas Kamra	Assistant Professor
3.	Mr. Jay Kant Pratap Singh Yadav	Assistant Professor
4.	Mr. Saket Kumar Singh	Assistant Professor
5.	Ms. Pooja Mithoo	Assistant Professor
6.	Ms. Neha Bagwari	Assistant Professor
7.	Ms. Priyanka Upadhyay	Assistant Professor
8.	Dr. Charu Agarwal	Assistant Professor
9.	Ms. Arti Pandey	Assistant Professor
Department of Electronics & Communication Engineering		
1.	Dr. Neelesh Kumar Gupta	Professor
2.	Dr. Aruna Tyagi	Assistant Professor
Department of Electrical and Electronics Engineering		
	Dr. Sarika Kalra	Associate Professor
Department of Mechanical Engineering		
1.	Prof. G P Dube	Professor
2.	Dr. Aviral Mishra	Assistant Professor
3.	Dr. Namrata Gupta	Assistant Professor
4.	Mr. Narendra Kumar	Assistant Professor
5.	Dr. Vishwas Grover	Assistant Professor
6.	Ms. Sunita Tiwari	Assistant Professor
Department of Information Technology		
1.	Dr. Lalit Kumar Saraswat	Associate Professor
2.	Dr. Sushil Kumar	Assistant Professor
3.	Mr. Lucknesh Kumar	Assistant Professor
4.	Ms. Anu Gupta	Assistant Professor
5.	Ms. Mrignainy Kansal	Assistant Professor
6.	Dr. Mohit Mittal	Assistant Professor
7.	Mr. Gaurav Singh Rawat	Assistant Professor
Department of Civil Engineering		
1.	Dr. Rakesh Srivastava	Professor
2.	Ms. Monika Tewari	Assistant Professor
3.	Ms. Anubha Gupta	Assistant Professor

Achievement of Higher Education

Faculty	Qualification Achieved	Name of University	Thesis Title
Dr. Namrata Gupta	Ph.D	Delhi University, Delhi	Some Studies on Fabrication of Surface Composites on Aluminium Alloys Using Friction Stir Processing Modelling
Dr. Vishwas Grover	Ph.D	Thapar Institute of Engineering & Technology, Patiala	Investigations & Modeling on Advancement in Magnetorhelogical Fluid Based Honing Process
Dr. Jitendra Seth	Ph.D	Jaypee Institute of Information Technology, Noida	Metaheuristics Based Threat Detection and Integrity Check in Cloud

SOCIETIES AND SPANDAN

With the idea that learning is not confined to classrooms only, the College emphasizes on all round development of the students. The college has a number of active technical, cultural and literary societies involved in multifarious activities all round the year. The societies are managed by the students under guidance of faculty co-ordinators.

The technical societies, under the aegis of the engineering departments, provide a platform to the students to portray and enhance their technical skills through a plethora of activities including contests, paper presentations and seminars & workshops.

To commemorate 13 years of its completion on 20 September, 2018, Team **PHOENIX,** the Electronics Society of the College, made a technical board on the theme of **Home Automation.**

The society conducted seminar on **Radio Frequency Identification** on 27 October, 2018. Twenty six students from all branches of B.Tech attended the seminar.

Event **Roborace** was conducted during AKTU Zonal Literary, Technical and Management Fest at AKGEC. The event involved use of manual robots for racing on a pre determined track. Twelve teams from various Colleges participated in the event.

Winners - Roborace		
Position	**Team ID**	**College Name**
First	RR08	AKGEC
Second	RR04	IMSEC
Third	RR02	ABES EC

Team Phoenix conducted **Roboverse**, an annual workshop on manual and autonomous robots, on 23- 24 February, 2019. 168 students of first year from all branches of B.Tech attended the workshop.

CONATUS, the CS and IT society, launched the 19th edition of its e-magazine **Conoscenza** on 01 November, 2018, the Founder's Day of the Society, in the presence of HoD CSE, HoD IT, faculty and team members.

The society organized the event **Technical Poster Making Competition** during AKTU Zonal Literary, Technical and Management Fest during 30-31 January, 2019. The theme for the competition included Artificial Intelligence, Automation and Robotics, Internet of Things, Green Computing, Smart Grids, Non-renewable Energy Resources and more.

Position	Team Id	College Name	Students Name
First	TPM-06	RKGIT	Ujjwal Gupta Navodya Tyagi
Second	TPM-01	HIET	Shubham Singh Varun Aggarwal
Third	TPM-09	AKGEC	Shakti Jaiswal Komal Gupta

Conatus organized the event **Dawn of Crisis** – an amalgamation of field and lab activities, during 12-13 March, 2019. The event presented a unique challenge of balancing General Aptitude, Technical Knowledge, Coding and Reasoning. Around 300 teams participated in the event summing up to 600 students from all branches and years.

The winners and runner-ups were given certificate and cash prize.

Team	Members	Course
Winning Team	Pramod Jaiswal	B.Tech II Year CSE
	Vinayak Gupta	B.Tech II Year CSE
First Runner-Up	Aishwarya Ashutosh	B.Tech II Year IT
	Vishvajeet Singh Gaur	B.Tech II Year CSE
Second Runner-Up	Vivek Kumar Yadav	B.Tech I Year CSE

Team **OORJA,** the Electrical Engineering Society, conducted event **Effulgence** on 18 September, 2018. The circuit designing event was conducted in three rounds – Questionnaire Round, Puzzle Round and Circuit Designing Round, the first two rounds being the knock out rounds. Six teams out of a total of 20 teams reached the final round which involved identification of the right components for the given circuits.

The society conducted event **Exubrenza** on 31 October, 2018. The event held in two rounds – synopsis submission and model presentation, witnessed participation of 27 teams in the first round of which 18 teams were shortlisted for the model presentation round. The ideas presented by the students were very innovative and technically sound.

Winners - Effulgence		
Position	**Team Name**	**Team Members**
First	Mud Bloods	Srishti Sahu Ujjwal Roosia Amritesh Verma
Second	ME Bros	Vasu Gupta Rahul Shaw Shivansh
Third	Quibblers	Manas Seth Adiba Tahir Phalguni Tahir

Winners - Exubrenza		
Position	**Team Name**	**Team Members**
Winner	Jiwon	Princy Maurya Siddhant Kumar
First Runner Up	Equalizers	Rahul Singh Saurabh Rajniwal Shrameshwar Chaudhary
Second Runner Up	DeTechtors & Laalten Tech	Pramod Jaiswal Yukta Alok Ranjan Abu Zuhayr Kushagra Verma

Oorja conducted event **Esperenza** on 15 April, 2019. The event participated by 24 teams of 3-4 members each consisted of three rounds – MCQ questionnaire, picture identification and circuit marathon.

Winners - Esperenza			
Position	**Team Name**	**Team Members**	**Course**
Winner	Alpha 786	Deepak Chaurasia Priyanshu Goel	B.Tech I Year IT B.Tech I Year IT
First Runner Up	Warrior	Visheshtha Vivek Agrawal	B.Tech II Year CSE B.Tech II Year CSE
Second Runner Up	Starks	Kartikey Sharma Shubham Sahi Manish Kumar Rai	B.Tech I Year EN B.Tech I Year EN B.Tech I Year EN

Team **SAMVEG,** the Mechanical Engineering Society, organized event **Trailblazer** during 18-20 September, 2019. The event comprising of three phases – Brain Stormer, Cryptoseek and Handwork Show, witnessed participation of 50 teams from B.Tech II and III year students.

Winners - TrailBlazer			
Position	Team	Members	Course
First	Team LMNTRIX	Pradyumna	B.Tech II Year ME
		Manvendra	B.Tech II Year ME
Second	Team MAROONS	Neha Saini	B.Tech III Year ECE
		Nabhika Garg	B.Tech III Year IT
		Kritika	B.Tech III Year ECE

The society organized **Frugal Engineering (Jugaad),** a best out of waste event, during AKTU Zonal Literary, Technical and Management Fest on 30 January, 2019. Nine teams from various colleges participated in the event. The participants confidently and effectively presented their creations to the panel of judges.

Winners - Frugal Engineering	
Position	College
First	AKGEC
Second	KEC
Third	IPEC

AKGEC Frugal Engineering Team	
Student Name	Course
Rishit Saxena	B. Tech II Year ME
Sarthak Jauhari	B. Tech II Year ME
Ujjwal Gupta	B. Tech II Year ME
Samridh	B. Tech III Year CE
Swaraj Goel	B. Tech III Year CE
Siddharth Chatterjee	B. Tech III Year CE
Yash Chandel	B. Tech II Year CSE
Rajni Chauhan	B. Tech II Year CSE
Shubham Keshari	B. Tech II Year CSE

The Design Club **ABHIKALP** of Samveg organized training classes in Autocad, Solidworks and Stadpro. The club organized Cad-O-Mania, a technical event on CAD.

NIRMAAN, the Civil Engineering Society, organized event **Ingenuity,** a technical model presentation, in which the students presented innovative ideas through models and prototypes based on concepts of Clean India, Smart City and Green Buildings. The event organized on 28 September, 2018 aimed to encourage the students to know, learn and make sustainable structures. Ingenuity was a two rounds event-presentation of concept in the first round and model presentation in the second round. These were adjudged by senior faculty members. The winning teams were awarded certificates and cash prizes.

Winners - Ingenuity			
Positon	**Theme of the Model**	**Team Members**	**Course**
First	Swachh Bharat	Vanshika Chaurasia Yukita Gupta	B. Tech I Year B. Tech I Year
Second	Intelligent Transportation System	Tarun Tiwari Himanshu Yadav	B. Tech I Year B. Tech I Year
Third	Earthquake Resistant Structure	Shivani Yadav Avisha Goswami	B. Tech I Year B. Tech I Year

The society conducted event **Bridge Kriti** during AKTU Zonal Literary, Technical and Management Fest during 30-31 January, 2019 at AKGEC. The event, participated by 13 teams from various colleges, involved participants to construct a bridge by using popsicle sticks. The goal of the event was to build a most efficient structure with least self-weight and maximum load sustainability. The event provided an opportunity to participants to showcase their talents by applying their theoretical knowledge of structures into practical application.

ISTE STUDENT CHAPTER, AKGEC organized event **Brain Freezer** on 25 October, 2018. The event consisting of three rounds – Pictography, Extempore and Buzzer Rounds, attracted as many as 62 teams, mainly from first year.

Winners - Brain Freezer		
Position	**Team**	**Course**
Winner	Jay Prakash Narayan Kumar Yuvraj	B.Tech I year EC B.Tech I year Civil
First Runner Up	Harsh Gupta Aayush Tyagi	B.Tech I year ME B.Tech I year EC
Second Runner Up	Shashwat Mishra Priyank Singh	B.Tech I year EC B.Tech I year EC

ISTE conducted Technical Paper Presentation **Innovative Minds 2.0** for first year students on 20 April, 2019. The event, open for all branches, consisted of two rounds – synopsis submission and paper presentation. 38 synopsis were received, of which 15 were selected for the final presentation.

Winners - Innovative Minds 2.0		
Position	**Team**	**Course**
First	Vishal Negi Ujjawal Sharma	B.Tech I Year IT B.Tech I Year IT
Second	Utkàrsh Tripathi Yash Gaur	B.Tech I Year ECE B.Tech I Year ECE
Third	Shashwat Mishra Rashika Singh Krati Gupta	B.Tech I Year CSE B.Tech I Year CSE B.Tech I Year EN

SAEINDIA COLLEGIATE CLUB, AKGEC participated in **Efficycle 2018** during 9-13 October, 2018. The team qualified the safety check which consists of technical inspection, figure of eight test and brake test followed by gradeability test, acceleration test and drive excellence test to qualify for the endurance race. On the final day of the event the team completed the endurance race.

The team won the **Best Engineering Design Award** and **Best Innovation Award** in the event Asian E-Bike Challenge 2019 held at Aditya Institute of Engineering and Management, Tekkali, Andhra Pradesh in March 2019.

Team of 25 students from the Club participated in **SAEINDIA SUPRA 2019** Student Formula Racing National Level Event organized by Maruti Suzuki India Ltd. and held at BIC Greater Noida during 15-20 July, 2019. The team completed all the technical inspection rounds and qualified for the dynamic events and endurance run. AKGEC team ranked among top 10 teams of the 150 participating teams by successfully completing the endurance run without any technical fault in the vehicle.

COMPUTER SOCIETY OF INDIA, STUDENT CHAPTER AKGEC, conducted two workshops for students across the branches.

Workshop	Dates	Participants
Web Technology with Angular	10-30 September, 2018	52
Block Chain Technology	25-29 October, 2018	36

The society conducted inter college paper presentation event **The Initiative 2019.** The focus of the annual event is to brainstorm the minds of young students about the current social issues in the country. The team event consisted of two rounds – the synopsis round suggesting a feasible and technical innovative solution to problem and the presentation round. The preliminary round saw 214 registrations. The 36 qualifying teams presented their ideas during the final round on 7 April, 2019. Cash awards and certificates were awarded to the winning teams.

Winners - The Initiative 2019			
Position	Team Id	Team Members	College
First	INIT-129	Ravindra Kumar Rishi Mishra Shraddha Mishra	AKGEC
Second	INIT-102	Ayushi Tripathi Deeksha Singh Ankur Tiwari	AKGEC
Third	INIT-112	Devansh Mittal Aayushi Singhal	AKGEC
Consolation Prize	INIT-147	Abhijeet Singh Akshat Pandey	ITS

The cultural and literary societies of the college provide the students a platform to showcase their talent through various events and competitions throughout the year.

Team **FOOTPRINTS,** the Art and Cultural Society of the College, organized **Blood Donation Poster Making Competition** on 14 April, 2019 with a view to sensitize the students towards this noble cause. Ingenious and motivating ideas were artistically drawn on the canvas and every single idea alluringly highlighted the necessity and significance of blood donation. The best posters were displayed in the College exhibition arcade. A total of about 300 students forming about 106 teams participated in the event.

The society organized the **Anti Ragging and Anti Drug Poster Making Competitions** on 30 August, 2018 with the aim to make students aware of the ills of drugs and their hazardous effects. The event received an over whelming response with a participation of about 600 students in teams of 2-3 students each. The best posters were awarded.

Position	Name	Course
Anti Ragging Poster Making Competition		
First	Ekta Srivastava Ayush Anand	B.Tech. III Year ECE B.Tech. III Year ECE
Second	Saumya Bharuka Shashwat Gond Ritik Gupta	B.Tech. II Year CSE B.Tech. II Year CSE B.Tech. II Year CSE
Third	Deeksha Singh Kamya Singh Disha Rastogi	B.Tech. II Year CSE B.Tech. II Year EN B.Tech. II Year IT
Anti Drug Poster Making Competition		
First	Apoorva Muskan Akanksha Singh Vartika Gupta	B.Tech. I Year ECE B.Tech. I Year ECE B.Tech. I Year ECE
Second	Saurabh Chaudhary Manish Rai Suraj Kumar	B.Tech. I Year EN B.Tech. I Year EN B.Tech. I Year ME
Third	Vartika Shakya Swasti Tiwari Smriti Agarwal	B.Tech. I Year CE B.Tech. I Year CSE B.Tech. I Year CSE
Blood Donation Poster Making Competition		
First	Bhavna Sharma Anushka Parashar Pranjul Singh	B.Tech. I Year CSE B.Tech. I Year CSE B.Tech. I Year CSE
Second	Srishti Sahu Vishakha Divedi Seema Pandel	B.Tech. III Year EI B.Tech. III Year EN B.Tech. III Year CE
Third	Aakanksha Singh Steffy Gautam Muskan Pandey	B.Tech. I Year ECE B.Tech. I Year ECE B.Tech. I Year ECE

The Footprints society also organized Mushaira, **Shaam-E-Harf,** on 16 April,2019 attracting a large crowd of about 400 students and faculty members in the newly built Amphi Theatre. The main participants were Kunal Rajpoot (B.Tech 4th year), Akhil Gupta (B.Tech 4th year,), Abou Zuhayar (B.Tech 3rd year), Aniruddh Shukla (B.Tech 3rd year), Ravi Goswami (B.Tech 3rd year) and Shreyash Tripathi (B.Tech 2nd year). During the open mic session at the end of the event, young poets from amongst the students mesmerized the audience with their outstanding performances.

GOONJ, the dramatic society of the College, **TAAL,** the dance society, **EUPHONY,** the music society and **VERVE,** the fashion society actively performed during the year in various college events like Freshers' Party, Sports Meet, Alumni Meet and the Farewell Party. The societies participated with stupendous performances in various events during the AKTU Zonal and State level fests as well as in fests in other colleges throughout the year and won laurels for the College by securing positions in various competitions.

TECHNICAL CLUBS

Engineering is a team sport and one way of getting the most out of engineering education is to get involved with fellow students. The engineering departments at AKGEC have taken initiative to start intra department technical clubs with the idea to foster a spirit of technological exploration and developments.

Department of Electronics and Communication Engineering has started three clubs – the **Radio Club,** the **Mobile Club** and the **Electronics Club.**

Club	Activities
Radio Club	Workshop on Manual and Autonomous Bots
	Workshop on Advanced Programming of C Language for Embedded Systems
	Workshop on Learning Interface of Raspberry Pi with Arduino
Mobile Club	Paper titled **Parking Spot Indicator in Vicinity** presented in National Conference on Emerging Trends in Electronics and Communication (ETEC-2019) held at AKGEC, Ghaziabad on 5-6 February, 2019
	Project **Office Automation** for automation of one Lab in EC Department is in progress
Electronics Club	Project **Third Eye for the Blind** to develop a cheap and efficient way to help blind people is in progress
	RFID Based Students Attendance System project is in progress

With the objective to encourage research activities such as paper publication in good refereed journals, writing of funded research proposals and encouraging the students to work on projects on industry and social problems, the Department of Electrical and Electronics Engineering has initiated three clubs – **Signal Processing, Instrumentation and Control Club, Power Electronics and Drives Club and Power Systems Club.**

Programming Club, under the aegis of Department of Computer Science and Engineering, conducted 7 days workshop on **Data Structures & Algorithms for Competitive Programming** during 5-11 March, 2019. This workshop was an initiative to make the students aware about the club and to upgrade the knowledge and combative spirit of students of our college regarding competitive programming. 67 students of 1st, 2nd and 3rd year registered and attended the workshop. Certificates of participation were presented to students with more than 70% attendance in the workshop (59 students).

I n cognizance to its status of **No Ragging Campus,** AKGEC conducted the annual anti ragging drive **KIRAN (Kaho India Ragging Aur Nahin)** from 19-24 July, 2018 with the objective of spreading anti ragging message amongst the students. The Proctor of the college addressed all 2nd, 3rd & 4th year students to make them aware of the ills of ragging and the provision of strict punishment to be awarded if one is involved in any incidence of ragging. Various provisions of ragging as laid down by UGC/AICTE were explained. Video clips available on UGC site were shown to all students. The drive concluded with the pledge to maintain a Ragging Free Campus in future as well.

To infuse a mood of no ragging in the college, the annual **Anti Ragging Kite Flying** event was organized in the College Football Ground on 26 October, 2018. Kites of various colors and sizes were seen flying high in the sky. Students whose kites flew the highest were appreciated by the Director by presenting the college T-shirt and cap.

INDUCTION PROGRAM

In accordance with the guidelines laid down by AICTE, a three week Induction Program was conducted for all first year students from 25 July, 2018 to 14 August, 2018. Daily activities, as per agenda laid down by AICTE, were conducted under the supervision of the Proctorial Team of the college. Students participated in physical exercise in the form of P.T. and games during morning and evening hours respectively. In order to inculcate a tradition of good value systems and professional ethics in the students, sessions on the subject were conducted by faculty who have undergone the Human Values and Professional Ethics Workshops conducted by AKTU. Creative art sessions conducted based on the interest of students brought out the creativity in them in diverse colors and shades. Literary activities including reading, writing and debate were taken positively by the students and sessions on common computer applications including MS Word, MS Excel and MS Power Point were well taken. Anti Ragging and Anti Drug Poster Making Competitions were organized on 30 August, 2018 for all first year students. Selected award winning posters were displayed in college arcade.

The feedback on the program from the participants was very encouraging. They expressed satisfaction and happiness in attending the program and found it a good learning and self exploration experience.

FRESHERS' PARTY

Ajay Kumar Garg Engineering College always aims to provide students a comfortable surrounding and encourage them to excel and prosper in their life. With this theme, the college commemorated the new beginning of first year students by building a friendly atmosphere for the freshmen and welcoming them for their exciting journey ahead with an evening of exuberance.

Freshers' party is a gracious and a cordial welcome by the second year students to the first year students. It is an event where freshers are not only given a chance to exhibit their talents but also feel comfortable and adapt to the new surroundings. With this spirit, **Aanavya 2018** was organized on 19 September, 2018 to felicitate the first year students for the new journey ahead.

The event was graced by the presence of Dr. R.K. Agarwal, Director, Deans, Heads of Departments, faculty and staff. The Director addressed the first year students with his esteemed words of wisdom and encouraged them to excel in all spheres of life.

A series of amazing performances were put up by the 2nd year students-a fiesta consisting of dance, dramatics, fashion show and singing performances. The highlight of the extravaganza was the contest for the sought for titles of Mr. and Ms. Fresher and Mr. and Ms. Personality. The participating students exhibited immense enthusiasm and talent through the rounds of introduction, ramp walk and the questionnaire round.

Mr. Fresher	Ritvik Dixit
Ms. Fresher	Moulshree
Mr. Personality	Shubh Shah
Ms. Personality	Anushka Mishra

SCROLLS

Ninth edition of **SCROLLS-Students Creative Oratory Learning Skills,** the annual National Level Technical Paper Presentation Contest organized by AKGEC in association with Ghaziabad Management Association (GMA) was held on 26 October, 2018.

The event provided a platform to budding engineers and management professionals to channelize their talent into creativity and give their imagination a cutting edge. The contest was held under six domains : Computer Science and Information Technology, Electronics and Communication Technology, Electrical and Electronics Engineering, Mechanical Engineering, Civil Engineering and Management Sciences.

Like its predecessors, SCROLLS'18 received a large participation from students of AKGEC as well as from institutions all around i.e. IIT Delhi, DTU, GLA Mathura, NIT Jalandhar, Poornima University Rajasthan, CIPET Lucknow, MIET Meerut, KIET Ghaziabd, RKGIT Ghaziabad, JIIT Noida and ABES Ghaziabad. A total of 230 synopsis covering the six domains were initially received, of which 105 were selected for final presentation on 26 October, 2019.

The inauguration ceremony was graced by the Chief Guest Mr. Amit Agarwal, DMD-Ghaziabad Precision Products Limited, Dr. R. K. Agarwal, Director AKGEC, Sh. Vinay Gupta, Executive Director GMA and senior faculty members, many of whom during presentation by students later in the day acted as judges for the respective domains. The Chief Guest highlighted the need of innovation and creativity amongst students and the importance of events such as SCROLLS in inculcating technical as well as oratory skills in the student community.

The winners were awarded cash prizes and certificates by Dr. R. K. Agarwal, Director AKGEC and Prof. T. R. Pandey, Director AKGIM during the prize distribution ceremony.

The first position winners of each domain were also felicitated with award of trophies during the Annual Convention of GMA on 19 January, 2019.

Position	College Name	Team Members
CS/IT Domain Winners		
First	AKGEC	Ishika Garg Shaily Gupta
Second	Sri Aurobindo College (DU) AKGEC	Aditi Mittal Vishal Negi
Third	GLA, Mathura	Ch. Jagrit Varshaney Aditya Arya
Civil Engineering Domain Winners		
First	AKGEC	Monika Yadav Gaurav Singh Rohit Patel
Second	ABES EC	Ashwani Yadav Aditya Kumar
Third	AKGEC	Prachee Priya Vishal Verma
Electrical And Electronics Engineering Domain Winners		
First	AKGEC	Devansh Srivastav Asmita Srivastav Anand Srivastav
Second	CIPET, Lucknow	Ayush Tyagi Sakshi Gaur Anjali Singh
Third	AKGEC	Aman Rai Ayush Maurya Adarsh Pratap Singh
Electronics And Communication Engineering Domain Winners		
First	AKGEC	Utkarsh Jaiswal Umang Khare
Second	ABES	Shruti Parashar Anjali Sharma
Third	ITS, Ghaziabad	Mayank Goel Manya Sudan Tanya Garg
Mechanical Engineering Domain Winners		
First	AKGEC	Utkarsh Dweivedi Faraz Asad Fahad Akhtar
Second	CIPET, Lucknow	Sanskriti Gupta Samridhi Sharma Sakshi Gaur
Third	AKGEC	Utkarsh Tripathi Yash Gaur Mansi Goel
Management Sciences Domain Winners		
First	RKGIT	Mohd. Kashif Ansari Neha Shakya
Second	AKGEC	Swadha Sarangi Vishu Agarwal Yashaswi Kumar Pandey
Third	Asian Law College, Noida RKGIT	Ananya Sharma Navodya Tyagi Ujjwal Gupta

TECHNOVATION-2018

Technovation-2018, a National Contest for Innovative Product and Prototyping, was organized by AKGEC in association with Stratasys India, a leading multinational company in additive manufacturing, as principal sponsor for the event.

The contest provided a platform for promoting innovation and creativity among young engineering students by inviting fresh ideas related to the themes namely Lifestyle & Smart Appliances, Transportation, Agriculture, Energy, Defense and Manufacturing. The theme based exposition was aimed to harness the potential ideas, concepts and technologies in any form available with the students.

Best 20 ideas were selected and given opportunity to develop working prototypes at AKGEC FabLab to showcase actual implementation of idea into reality. The teams were invited to present their prototypes with brief presentation to the nominated jury. Best selected ideas were given awards worth Rs. 3,50,000/- during the award ceremony on 30 August, 2018. In addition, the winning teams also got an opportunity to undergo three days training on 3D printing at Stratasys Experience Centre at Bangalore.

First Prize	Stratasys 3-D Printer	IIT-Delhi team
Second Prize	3-D Printer Developed by RICC Centre, AKGEC	AKGEC team

Chief Guest, Prof. N. S. Vyas, Chairman Railway Technology Mission and Senior Professor, IIT Kanpur; Guest of Honour, Mr. Saurabh Singh, DGM, Design Studio, Maruti Suzuki India Ltd., Special Guest, Mr. Rajeev Bajaj, M.D. Stratasys India Pvt. Ltd.; Director Ajay Kumar Garg Engineering College, Dr. R. K. Agarwal, Head CORE, Prof. Ashiv Shah, along with senior officials from various Organizations including Studio 34, HONDA, BCH Electric Ltd. etc. were present during the award ceremony.

FRIENDLY MATCHES FOR FACULTY AND STAFF

Like previous years, the college organized a friendly sports meet for the faculty and staff members with the spirit to motivate them towards healthy living and also enjoy 'fun activities' amidst daily life.

The event organized from 11-13 July, 2018 was well received by the faculty and staff. They participated in the events joyfully and their performance was praise worthy.

Total cash reward of Rs 40,000 was awarded to all the winners along with 24 trophies during the Inter Departmental Sports Events Closing Ceremony by the Director.

AKGEC organized the 22nd edition of the prestigious annual sports event Ajay Kumar Garg Memorial Table Tennis Tournament under the aegis of Ghaziabad District Table Tennis Association affiliated with Uttar Pradesh Table Tennis Association (UPTTA) in the college during 17-18 November, 2018. This State level tournament is held every year for all professional institutes, colleges and schools of the State.

The tournament witnessed a total of 150 participants, including National and International players, from various cities including Gorakhpur, Varanasi, Roorkee, Bareilly, Moradabad, Meerut, Muzaffarnagar, Agra, Noida, Gautam Budh Nagar and Ghaziabad.

The tournament was a huge success as the players mesmerized everyone with their skillful game. The winners cherished their moments while others vowed to come back stronger next year.

WINNERS		
Category	**Team Members**	**City**
Mens' Team	Hardik Paliwal	Agra
	Ashutosh Singh	Agra
	Subrat Verma	Agra
Womens' Team	Twinkle Wadhwa	Moradabad
	Suhana Narjinari	Moradabad
Men Single	Vibhor Garg	Ghaziabad
Women Single	Suhana Narjinari	Moradabad
Youth Boys	Hardik Paliwal	Agra
Youth Girls	Suhana Narjinari	Moradabad
Junior Boys	Vibhor Garg	Ghaziabad
Junior Girls	Suhana Narjinari	Moradabad
Veteran Men	Pankaj Gupta	Ghaziabad
Veteran Women	Preeti Sharma	Ghaziabad

Adding to the grandeur, the closing ceremony on 18 November, 2018 was presided over by Shri Vivek Kohli, Co-Chairman of Stag International, Associate Vice President Table Tennis Federation of India and Former International Level player. Honorable Management members, Director, Heads of Departments, Deans, Section In-charges, faculty, staff and students of AKGEC along with members of Ghaziabad Table Tennis Association witnessed the prize distribution ceremony, wherein total prize money of Rs 75,000/- besides trophies and certificates, was presented to the winners.

TEDxAKGEC

TEDx is the world's largest and most accessible platform for discovering and sharing 'Ideas Worth Spreading'. TEDx provides the framework to spark innovation and ignite conversations built on winning formula of short, striking talks delivered by eminent personalities in the field of art, culture, education, innovation and entrepreneurship. The structure of TEDx encourages bold thinking and asks students to share dynamic ideas outside of day-to-day work.

In the spirit of ideas worth spreading, first ever TEDxAKGEC

was conducted on 14 March, 2019. The theme for the session was **'We Belong Together'**. The session was attended by around 100 budding aspirants of AKGEC and other Institutes.

Speakers on the day included Aniket Joshi, a yong dynamic vocalist & musician, Capt. Shalini Singh, Captain, Indian Army & Mrs. India Queen, Ms. Chrissy Atley, International Life Coach from USA, Digital Gandhi, Social Entrepreneur, Pravin Rajpal, Global Innovation Leader, Sangeeta S Bahl, Oldest Mountaineer to climb Mount Everest, Suraj Singh Parihar, IPS Officer and Twin Strings Masters of Unplugged.

The TedxAKGEC event resulted in a pioneering platform for over 30 enthusiastic AKGEC student volunteers, providing a range of collaborative opportunities for them to play a key role as co-designers in the development and delivery of a successful event. They played a leading role working in partnership with the TEDxAKGEC team to shape the content, develop an engaging program and implement the wide-ranging activities on offer throughout the day.

Ajay Kumar Garg Engineering College has always aimed for holistic and all-round development of its students. Apart from academics, the college also gives equal importance to the physical development of the students. The college organized Inter Departmental Sports Events that spanned over two months. The events witnessed a massive participation of more than 1500 students in about 24 different sporting events. A total of 256 matches were played during the course of the sports meet.

All the matches were efficiently managed and were played in the spirit of the game. Some of the matches witnessed nail-biting finishes which reflected the resolve of every contingent and further added to the charm of the sports meet. The events also saw a massive participation from the audience as large crowds of students added loud cheers during every match.

The closing day witnessed the 100m dash (boys and girls) which was followed by the final game of Tug of War between EN and CSE and was won by CSE. A friendly Tug of War match between faculty members added to the colors of the day.

All the sports and athletics events were keenly contested by the departments/contingents of the college. The championship trophy was won by the Department of Mechanical Engineering without much competition with other departments.

Final Tally of Points				
Branch	Gold	Silver	Bronze	Points
ME	13	11	10	117
CSE	6	14	6	93
ECE	8	14	2	87
IT	13	3	4	77
CE+EI	7	4	2	47
EN	4	3	3	45

Dr. R.K. Agarwal, Director AKGEC, shared his words of wisdom with the students appreciating their enthusiasm to participate in sports events and adapting the wise adage "Healthy body is the key to healthy mind." Dean Student Welfare extended his vote of thanks towards all the members of the AKGEC family who in one way or the other supported and contributed towards successful conduct of the events. Mr. Pratap Singh, Sports officer, Yash Saxena, Student Co-ordinator and College Captain Anubhav Panwar worked tirelessly to bring about efficient management and completion of the events.

Ajay Kumar Garg Engineering College, Ghaziabad conducted its 17th Annual Convocation with all the grandeur and magnificence on 16 March, 2019.

The ceremony was graced by the presence of Sh. Anuj Khanna, Managing Director, C&S Electric Limited & Chairman, Western UP Zonal Council, Confederation of Indian Industry (CII) and Dr. Vinay Kumar Pathak, Hon'ble Vice Chancellor, Dr. A.P.J. Abdul Kalam Technical University, Lucknow, Members of Management Committee, Director, Heads of Departments, Deans, Section Incharges, faculty, staff, guests, parents of degree recipients, press and the graduating students.

Presenting the College annual report, Director Dr. R. K. Agarwal highlighted the progress of the College and various academic, cultural, social and sports achievements of the students at College as well as University level. He brought out that in its endeavor to strengthen the association between industry and academia, AKGEC has taken initiative of setting up many Centres of Relevance and Excellence in Industrial Automation and Robotics to promote, training, applied research and consultancy. This endeavour is being supported by technology leaders like KUKA Robotics, National Instruments, Bosch Rexroth, Siemens, Janatics, Mitsubishi Electric India and Schmalz, to name a few. He also conveyed that our focus is to inculcate good moral values, ethics, work culture and positive attitude in all students, faculty and staff. He further informed that honesty, transparency, setting up of clear goals and dedication to achieve these objectives is hallmark of the College policy.

Hon'ble Vice Chancellor, AKTU, Dr. Vinay Kumar Pathak conferred the degrees. The meritorious students were presented cash awards and certificates by the Chief Guest and the Vice Chancellor.

In his address to the students, the Vice Chancellor appreciated the academic achievements of the college with 12 students being in the B.Tech branch wise merit lists of AKTU and a record tally of 2 Gold and 2 Bronze medals. He emphasized on the significance of the Convocation Ceremony and advised the students to be focused towards their professional and social goals.

In his convocation address, the Chief Guest Sh. Anuj Khanna appreciated the Centres of Excellence in the college, the industry academia interface and the vast range of student activities beyond the curriculum. The Chief Guest advised the students to practice and upgrade their technical skills regularly as well as to strengthen their soft skills and build a risk taking capability. He further advised them to be grateful to the Almighty for all the blessings and live a selfless and giving life.

As per the College tradition, the meritorious students were invited to plant a tree each in the College lawns.

ALUMNI MEET

One of the strengths of AKGEC is, and has always been, its alumni. To establish, maintain and nurture a sustained, lifelong and mutually beneficial relationship with its alumni, AKGEC formed an Alumni Association in 2005. Since its formation, the college has been actively involved in facilitating networking amongst alumni for social and professional synergy. AKGEC organized its first annual alumni meet on 02 April, 2005.

Keeping with the tradition, this year too, the alumni association successfully organized the 15th Alumni Meet on 16th March, 2019. The meet was marked by the presence of around 250 alumni from 2002 to 2018 batches.

The meet started with welcoming the alumni and their families. Alumni participated in different party games like Tambola, Balloon Bursting, Musical Chair etc. During the meet, the Director, HoDs, Section Incharges and Faculty members informally interacted with the alumni, in which they shared their success stories, experiences and plans for the future.

The event concluded with a Lucky Draw and flash mob followed by dinner. The alumni departed with a promise to remain in touch with the Institute through various activities and to meet again in 2020.

CII SKILL-WILL-LEAD PROGRAM

With a view to enhance integration and to minimize the gap between Academia and Industry, the CII organized Inter institute presentation competition in Mechanical Engineering during the academic year 2018-19. The program **Skill-Will-Lead** aims to provide exposure to the students and make them ready with pertinent knowledge and skills required to get started with the Industry. Six institutes namely GLBITM, KIET, ABES, IMSEC, Sharda University and AKGEC participated in conduct of the event at participating institutes during September, 2018 and April, 2019 . The topics for presentation were provided by the Industry Academia Skill Panel, Western UP. The winning teams were awarded certificates and cash prizes after assessment by panel of judges from industry. AKGEC hosted one event on 5 April, 2019.

After tremendous success of the Skill-Will-Lead Program by CII, the College decided to conduct similar presentations at the individual level of the departments. Each department organized the event at its own level during the month of April, 2019. The winning students were awarded cash prizes.

FAREWELL PARTY

Sandishya - perfect ending of a beautiful journey, the Farewell Function for the B. Tech 4th Year batch (2015-19) was successfully organized by the 3rd year students on 8 June, 2019.

The 3rd year students presented a scintillating cultural evening with performances by the Cultural societies–Taal, Verve and Euphony. Reminiscences of the four years spent in the College were recollected by 4th year students Shagun Singh and Kunal Rajput on behalf of the entire passing out batch. Video screening the four years of journey through academics, activities and fun times was a highlight of the evening. The evening ended with a vibrant DJ night enjoyed by all.

AKTU ZONAL TECHNICAL, LITERARY & MANAGEMENT FEST

AKGEC hosted the AKTU Technical, Literary and Management Zonal Fest during 30-31 January, 2019 for 19 colleges in the Ghaziabad - Modinagar zone. A total of 336 students, 264 boys and 72 girls, participated in 11 events - Bridge Kriti, Robowar, RoboRace, Frugal Engineering, Check Your Knowledge, Just a Minute, English Debate, Hindi Debate, Business Plan, Coding contest and Technical Poster Making organized by the various technical and literary societies of the College.

Director, Dr. R. K. Agarwal conferred awards to the winning students and teams during the award ceremony on 31 January, 2019.

The overall championship was won by Ajay Kumar Garg Engineering College as the students bagged a total of 12 Gold Medals. The Runners Up trophy was awarded to IPEC for their amazing performance in the zonals taking home 4 Gold Medals.

The winners of the Zonals participated in the States round in Lucknow on 15-16 February, 2019.

═ CELEBRATIONS ═

VISHWAKARMA DAY

Vishwakarma is known as the divine Engineer since the Puranic age. As a mark of reverence, the Lord Vishwakarma is not only worshiped by the engineering community but also by all other professionals. This festival is celebrated on 17 September every year.

Like every year, AKGEC celebrated Vishwakarma Day by performing *Havan* in the Mechanical Engineering Workshop decorated with flowers, frills and balloons.

Director, HoDs, Section Incharges, faculty members and students performed the *Havan* with full devotion which was followed by *Prasad* distribution.

GARBA 2018

The rhythm of tradition in the psalm of life,
Enriched with festivity, love and elation,
We witness the artistry of this wondrous night,
Rising to an epitome of cheerful celebration.

Garba, a breath-taking extravaganza, a plethora of colors and an emblem of grandeur that culminates the monotony of everyday life, is celebrated as an annual hostel event - a shimmery evening of togetherness and festivity with an expression of gratitude to the faculty members from students and a reverent laudation to the seniors passing out.

This year Garba was celebrated on 27 September, 2018 with the theme Abhijishya, meaning strong and independent women and it was proved by the enthusiasm and humongous participation by the girls leading to the success of this beautiful and elegant event.

The bang on performances of our beauty with brains that is fourth year girls competing for the titles of Ms. Garba and Ms. Personality were cherished by all and offered a tough task for the senior faculty as judges to evaluate them. At last Shagun Singh and Vartika Raj won the title of Ms. Garba and Ms. Personality respectively.

DEEPAWALI

Deepawali, the festival of lights, was celebrated by the management, faculty and staff of AKGEC with great zeal and fervor. The campus was brightly lit up and decoration with flowers and rangoli imparted a joyful appearance to the entire campus. A heart captivating cultural bonanza including song and dance performances and skits presented by the faculty and staff members was a delight for all present. A stupendous dance performance by children of Adarsh Vikas Kendra, a primary school run by the college for children of labor employed in the college, was the highlight of the celebrations. The school children were felicitated with awards for their performance by the Director. The innovative and exciting games for the management, faculty and staff were enjoyed by all.

INDEPENDENCE DAY AND REPUBLIC DAY

The days of National importance were celebrated at AKGEC by hoisting the flag by the Director in the presence of Heads of Departments and Deans. The attendees shared their ideas on the significance of these days and paid homage to the freedom fighters who sacrificed their lives to ensure a free Nation. The Director emphasized that if everybody contributes a little by performing the responsibilities towards our country, we can soon be a happy, corruption free and flourishing nation.

HOLI

Holi, the festival of colors, is undoubtedly the most fun filled and boisterous festival for the youngsters. As a tradition, the AKGEC students celebrate the festival every year before proceeding for Holi vacation. Gulal and gujiya are distributed to the students by the college. This year Holi was enjoyed by the students amidst dancing and singing and applying gulal on each other. The sense of discipline that prevailed throughout the celebration and the gesture of disposing all the trash before dispersing speaks volumes about the AKGEC culture of cleanliness and environment friendliness.

BASANT PANCHAMI

The festival of Basant Panchami marks the arrival of spring and is celebrated by people in various ways. For many beliefs, Basant Panchami is the festival dedicated to Maa Saraswati, the Goddess of Knowledge.

Like every year, Basant Panchami was celebrated in the College on 10 February, 2019. About 750 students, faculty and staff along with their families and parents of students visited the Faith Centre of the College to seek blessings of *Maa Saraswati.* Amidst the recital of heart touching *Shlokas* played in dedication to *Maa Saraswati,* Prasad distribution continued from 11:00 am to 6:00 p.m. Atmosphere of devotion and reverence to *Maa Saraswati* continued throughout the day.

INTERNATIONAL DAY OF YOGA

INTERNATIONAL DAY of YOGA
JUN 21 2019

The faculty and staff of the College celebrated the 5th International Yoga Day on 21 June, 2019. The Director, Heads of Departments, Deans, faculty and staff performed various yoga exercises under guidance of Dr. Brij Pal, Zonal Head (East Zone) Patanjali Yog Samiti, Ghaziabad. Elementary yogasans were demonstrated and practiced by the participants.

As in previous years, the College organized regular sessions of Yoga for faculty and staff during summer vacation. Yoga session for first year students was conducted in the Faith Centre on 6 June, 2019. The students performed the yogasans enthusiastically under guidance of the College Proctor and his team of Wardens. It was an awakening session for the students on the benefits of yoga in our daily lives.

JAL DIWAS

World Water Day was celebrated worldwide on 22 March, 2019, highlighting the importance of sustainable management of fresh water and its resources.

AKGEC celebrated Jal Diwas by conducting talks on the theme "Potential of Jal Shakti Abhiyan", tree plantation and poster making competition.

LIBRARY

The AKGEC Library System comprises of a Central Library, eight Departmental Libraries and five hostel Libraries. The Central Library, housed in the Administrative Block of the College, consists of two sections spread over 1465 sqm with a total seating capacity for 344 users. Comfortable study space is provided for faculty, staff and students in the form of reading hall, study cubicles, digital library and faculty reading room. Sufficient numbers of qualified staff are employed to manage the activities of the library. The library attracts an average of 350 users on a regular working day.

The state-of-the-art facilities include KOHA Open Source Library Management Software which also has Web Based Online Public Access Catalogue (Web OPAC), Digital Library, Institutional Repository Server on DSpace software, Membership to DELNET and National Digital Library.

The Central Library has a valuable collection of text and reference books, journals and e-journals and a variety of multi-media resources. During the year 2018-19, 340 titles and 8719 volumes of text and reference books were added to the library, the total number of titles and volumes being 9096 and 1,06,874 respectively. The library subscribes to 660 E-resources/International Journals and 110 National Journals. The digital library has a diverse collection of 6915 multimedia resources.

True Reader Award given to top-user students who use the Central Library for a maximum number of hours, was awarded to 27 students during the year 2018-19. An encouraging average number of 230 users per day is indicative of the good reading habits in the students. Under the very successful scheme of **Earn While You Learn**, eight students worked to support the library staff in activities such as book labeling, book listing, newspaper clipping records and digital library maintenance. The students work after college hours and are paid remuneration for their services.

BLOCK CHAIN RESEARCH LAB

The college has established Block Chain Research Lab in collaboration with DLT Labs, a global leader in the development and integration of innovative enterprise solutions using distributed ledger technology.

Block Chain is one of the globally emerging technologies today. DLT and AKGEC together aim to provide training to students and support them for internships and placement opportunities.

As a first project, the lab has taken up a digital currency project with to view to have a cashless campus.

SMART CLASSROOMS

Technology is changing the way life functions and this is true for education also. Switching over from the traditional chalk and board class rooms to the smart class rooms is the next step in enhancing the quality of delivery of content.

AKGEC has initiated conversion of its class rooms to a smart platform. Fourteen class rooms have been equipped with smart boards and internet connectivity in the first phase. Adequate training was provided to faculty in the use of the boards. Faculty and student feedback on teaching and learning processes respectively have been positive. The College aims towards 100 percent smart classrooms soon.

SOCIAL RESPONSIBILITY

COMMUNAL HARMONY WEEK

The college observes the Communal Harmony Campaign and Fund Raising Week from 19-25 November, under the guidelines of the Ministry of Home Affairs, every year. Like previous years, this year also, the faculty, staff and students donated generously to raise a fund of about Rs. 46,000 which was transferred to The National Foundation for Communal Harmony (NFCH), an autonomous body under the Ministry of Home Affairs, Government of India.

BLOOD DONATION CAMP

Ajay Kumar Garg Engineering College, in keeping with its policy of commitment towards society and to sensitize the students accordingly, organized its annual Blood Donation Camp in collaboration with Rotary Club Sahibabad & Vardaan Multispecialty Hospital Blood Bank on 23 April, 2019. The students, faculty and staff of AKGEC while contributing towards the noble cause donated 323 units of blood.

The camp was inaugurated by Shri Subhash Jain, District Governor of Rotary Clubs located in Noida, Ghaziabad, Modinagar and some parts of Delhi. Shri Rakesh Chharia, President Rotary Club Sahibabad and delegates from Vardaan Multispecialty Hospital Blood Bank & Rotary Club also graced the inaugural ceremony.

Student conveners Akhil Gupta, Vatsalya Yadav, Anurag Pratap and Mitali Singh with their team of student volunteers from all years and branches managed the camp with full dedication under the guidance of Dean Student Welfare.

With a motive to encourage students to step forward and donate blood, Team Footprints had organized Blood Donation Poster Making competition on 14 April, 2019. About 300 students participated in the competition. Selected posters were displayed in the college exhibition arcade.

NATURE CLUB

Value Education Cell, AKGEC has established 'Nature Club' which is committed not only to spreading awareness about the problems but also to motivate students to find solutions to the problems in the light of inherent relationships. The effort will improve the competence of students to contribute towards the sustainability of nature and avoid environ-mental degradation in their individual capacity as well as in groups.

The club organized the event **VASUDHA-2K19** during 15-19 April, 2019. During the event various competitions like Poster Making and Creative Ideas on Enrichment, Protection and Right Utilization of Nature and Best Out of Waste were organized. The club celebrated **International Earth Day** on 22 April, 2019.

Position	Team	
Value Education Cell: QUIZ		
First	Ankur Singh Patel	B.Tech. I Year CSE
Second	Anurag Yadav	B.Tech. II Year ECE
Third	Ambar Srivastava	B.Tech. II Year CE
Earth Day: Poster Making Competition		
First	Sagar Goyal	B.Tech. I Year ME
	Tanishka Swaroop	B.Tech. I Year CSE
	Tanisha Chaudhary	B.Tech. I Year ECE
	Garvit Sharma	B.Tech. I Year CSE
Second	Tanishq Verma	B.Tech. I Year CSE
	Nikhil Gupta	B.Tech. I Year ME
Third	Akash Tiwari	B.Tech. I Year CSE
	Sagar Pachuri	B.Tech. I Year ME
	Raj Rajput	B.Tech. I Year ME
	Himanshu Upadhyay	B.Tech. I Year CSE
Earth Day: Best Out of Waste **BIRD HOUSE**		
First	YakshapTyagi	B.Tech. I Year ME
	Adarsh Tiwari	B.Tech. I Year ME
	Mayank Pandey	B.Tech. I Year CSE
BOOK SHELF		
Second	Molshree Gupta	B.Tech. I Year CSE
	Samriddhi Singh	B.Tech. I Year CSE
	Ruchika Singh	B.Tech. I Year IT
	Shivangi Tiwari	B.Tech. I Year CSE
WATER DISPENSER		
Third	Manas Seth	B.Tech. III Year ME
	Adiba Tahir	B.Tech. III Year CE
	Phalungi Agarwal	B.Tech. III Year ECE

'**Naming the Trees'**, another creative concept, has been started to spread awareness about the trees. 'Medicinal Gardening' has been initiated under which medicinal plants have been planted and their names and medicinal properties displayed.

Awareness on '**Zero Wastage of Food**' has been taken up by putting posters in college messes and canteens.

SKILL DEVELOPMENT PROGRAM

In fulfilment of its social responsibility, AKGEC runs Skill Development Program under the Pradhan Mantri Kaushal Vikas Yojana (PMKVY) in alignment with the National Skill Development mission by the Hon'ble Prime Minister of India Shri Narendra Modi. The program is sponsored by All India Council for Technical Education (AICTE) and follows the curriculum designed by Sector Skill Council under the Ministry of Skill Development and Entrepreneurship, Government of India.

During the year, AKGEC has completed four PMKVY courses with a total intake of 250 students.

Job Role	Duration (Hrs)	Sector Skill Council	No of seats
Welding Technician	400	Automotive Skill Development Council	50
CNC Operator Machining Technician	400	Automotive Skill Development Council	50
CNC Programmer	450	Capital Goods Skill Council	50
Field Technician (Computing and Peripherals)	300	Electronic Centre Skill Council	100

स्वच्छ भारत स्वस्थ भारत

एकेजी इंजीनियरिंग के छात्रों ने मारी वाजी

जासं, गाजियाबाद : गुजरात के ककरिया में इंडिया स्टेम फाउंडेशन द्वारा आयोजित वर्ल्ड रोबोट ओलंपियाड में एकेजी इंजीनियरिंग कॉलेज के पांच छात्रों ने सर्वाधिक अंक हासिल करते हुए पहला स्थान हासिल किया। प्रतियोगिता में दूसरे स्थान पर मणिपाल इंस्टीट्यूट ऑफ टेक्नोलॉजी मणिपाल एवं तीसरे स्थान पर एसआरएम यूनिवर्सिटी चेन्नई रही। संस्थान के निदेशक डा. आरके अग्रवाल ने टीम के उल्लेखनीय प्रदर्शन के लिए छात्रों एवं प्राध्यापकों को बधाई दी। टीम में असिस्टेंट प्रोफेसर गौरव श्रीवास्तव के दिशा निर्देश में बी.टेक. तृतीय वर्ष के मैकेनिकल इंजीनियरिंग एवं इलेक्ट्रॉनिक्स एंड कम्युनिकेशन इंजीनियरिंग के छात्रों ने प्रतिभाग किया था। प्रतियोगिता में देश के विभिन्न क्षेत्रों से फाइनल में जगह बनाने वाली सर्वोत्तम 20 टीमें थी।

अमर उजाला राजधानी — लखनऊ, शनिवार, 13 अक्टूबर 2018

इंजीनियरिंग छात्रों को अच्छी शिक्षा देना लक्ष्य : प्रीति

दीक्षांत समारोह में चांसलर मेडल हासिल करने वाली कंप्यूटर साइंस एंड इंजीनियरिंग की छात्रा प्रीति गुप्ता प्रोफेसर बनना चाहती हैं। उन्होंने कहा, जिस तरह पिता ने हम पांच भाई-बहनों को पढ़ा-लिखाकर इस काबिल बनाया, उसी तरह मैं भी इंजीनियरिंग के छात्रों को गुणवत्तापरक शिक्षा देना चाहती हूं। प्रीति ने गाजियाबाद स्थित अजय कुमार गर्ग इंजीनियरिंग कॉलेज से सर्वाधिक अंक 89.44 प्रतिशत के साथ बीटेक उत्तीर्ण किया है। उन्होंने कंप्यूटर साइंस में गोल्ड मेडल भी हासिल किया। कानपुर निवासी प्रीति के पिता बृजकिशोर गुप्ता सिविल इंजीनियर हैं। प्रीति की दो बहनें इंजीनियर हैं और एक एमबीए कर चुकी है। फिलहाल प्रीति एक मल्टीनेशनल कंपनी में काम करती हैं। कुछ वर्षों का अनुभव लेने के बाद वह एमटेक करके प्रोफेसर बनना चाहती हैं। दूसरे छात्रों को टिप्स देते हुए प्रीति कहती हैं कि अपना लक्ष्य तय करें और रोजाना छोटे-छोटे कदम बढ़ाते हुए उसे हासिल करें।

THE INDIAN EXPRESS, FRIDAY, NOVEMBER 2, 2018

THE CITY

ANTI-RAGGING CAMPAIGN (AKGEC)

Ajay Kumar Garg College of Engineering arranged an anti ragging Kite Flying campaign on 26th Oct. 2018 in College Foot Ball Ground. All students of college from 1st year to 4th year, Boys and Girls along with their faculty and college staff were seen flying colorful kites of various sizes with written messages that AKG College is ragging free. Approximately 2000 students and 200 faculty and staff were present.

अमर उजाला गाजियाबाद युवा — नई दिल्ली, शनिवार, 13 अक्टूबर 2018

गाजियाबाद के मेधावियों को मिले आठ गोल्ड

एकेटीयू के दीक्षांत समारोह में जिले का जलवा, लगातार तीसरा चांसलर मेडल प्रीति के नाम

नवभारत टाइम्स, गाजियाबाद, मंगलवार, 9 अक्टूबर 2018

स्किल विल लीड में स्टूडेंट्स ने लिया भाग

एनबीटी न्यूज, एनएच 24: आईएमएस इंजीनियरिंग कॉलेज में स्किल विल लीड का तीसरा चरण सोमवार को समाप्त हुआ। कार्यक्रम में विभिन्न कॉलेजों के छात्र-छात्राओं ने भाग लिया। भारतीय उद्योग संघ व मैजेस्टिक ऑटो प्राइवेट लिमिटेड के सहयोग से आयोजित 'स्किल विल लीड' के तृतीय चरण के मुख्य अतिथि डॉ. विनोद शर्मा, विशिष्ट अतिथि आयुष मुंजाल, एन.के. जालान व दुर्जय पुरी रहे। कार्यक्रम में विभिन्न कॉलेजों के छात्र-छात्राओं ने विभिन्न विषयों पर अपने विचार व्यक्त किए जिसमें प्रथम स्थान मेजबान आईएमएस इंजीनियरिंग कॉलेज व दूसरा स्थान एकेजी को मिला।

अमर उजाला युवा — नई दिल्ली, बुधवार, 31 अक्टूबर 2018

खिलाड़ियों ने एकेजी स्पोर्ट्स फेस्ट में दिखाया हुनर

गाजियाबाद (ब्यूरो)। एनएच-9 स्थित एकेजी इंजीनियरिंग कॉलेज में इंटर हाउस एनुअल स्पोर्ट्स मीट-2018 का मंगलवार को समापन हो गया। कॉलेज के सात हाउस के 600 से अधिक विद्यार्थियों ने 24 खेल प्रतिस्पर्धाओं में हुनर दिखाया।

क्लोजिंग सेरेमनी में मौजूद खिलाड़ी।

अमर उजाला गाजियाबाद — नई दिल्ली, 3 नवंबर 2018

एकेजी, आरकेजीआईटी, काइट के खिलाड़ी छाए

आरकेजीआईटी में एकेटीयू जोनल स्पोर्ट्स फेस्ट-2018 का समापन, विद्यार्थियों ने दिखाया हुनर

अमर उजाला गाजियाबाद — नई दिल्ली, शनिवार, 17 नवंबर 2018

एकेजी ईसी की फैशन टीम वि-वर्व ने लहराया परचम

गाजियाबाद। बिट्स पिलानी की ओर से गत दिनों आयोजित सांस्कृतिक प्रतियोगी महोत्सव ओएसिस-2018 में अजय कुमार गर्ग इंजीनियरिंग कॉलेज (एकेजी ईसी) की फैशन टीम वि-वर्व ने प्रथम स्थान प्राप्त कर जीत का परचम लहराया। कॉलेज की टीम ने बेस्ट वार्डरोब भी खिताब जीता और नगद इनाम की राशि अपने नाम की। इस महोत्सव में दिल्ली, एनसीआर के कई कॉलेज और बिबि के छात्र-छात्राओं ने भाग लिया था।

एकेजी कॉलेज में फैशन का जलवा बिखेरते स्टूडेंट्स। अमर उजाला

छात्रों ने किया रक्तदान, 323 यूनिट एकत्रित

जासं, गाजियाबाद : अजय कुमार गर्ग इंजीनियरिंग कॉलेज में मंगलवार को रोटरी ब्लड बैंक साहिबाबाद और वरदान मल्टीस्पेशलिटी हॉस्पिटल के सहयोग से रक्तदान शिविर का आयोजन किया गया। शिविर की शुरुआत रोटरी के वरिष्ठ गवर्नर सुभाष जैन, राकेश छाबरिया, सुशील मित्तल, दीप्ति मित्तल, अरुणा अग्रवाल, मीनू अग्रवाल, डा. मधुक लांबी ने किया। संस्थान के कार्यकारी निदेशक प्रो. पीके चोपड़ा छात्रों को रक्तदान के लाभ बताए। शिविर में 323 यूनिट रक्त एकत्रित किया गया। छात्रों को रक्तदान के लिए प्रोत्साहित करने के लिए पोस्टर प्रतियोगिता का आयोजन किया गया। छात्रों द्वारा तैयार पोस्टर को प्रदर्शनी के जरिए प्रदर्शित किया गया। शिविर में प्रो. वीके पासरन, अखिल गुप्ता, वात्सल्य खरब, अनुराग प्रताप, भीतली सिंह आदि मौजूद रहे।

अमर उजाला गाजियाबाद युवा Youth — नई दिल्ली, शुक्रवार, 2 नवंबर 2018

आरकेजीआईटी, आई पैक और एकेजी के खिलाड़ी जोनल स्पोर्ट्स मीट में छाए

एकेटीयू जोनल स्पोर्ट्स मीट-2018 के दूसरे दिन कई प्रतिस्पर्धाओं के हुए फाइनल मुकाबले

गाजियाबाद। दिल्ली-मेरठ रोड स्थित आरकेजीआईटी इंस्टीट्यूट में चल रही एकेटीयू जोनल स्पोर्ट्स मीट के दूसरे दिन विभिन्न खेल प्रतिस्पर्धाओं में खिलाड़ी भिड़ते रहे। दूसरे दिन 200 मीटर दौड़, लंबी कूद, डिस्कस थ्रो और जेवलिन थ्रो आदि खेलों में जीत के लिए पूरा जोर दिखा।

आरकेजीआईटी इंस्टीट्यूट में वॉलीबॉल मैच खेलते खिलाड़ी। अमर उजाला

The Indian EXPRESS — Fri, 14 Decemb
epaper editions epaper.indiane

WORKSHOP - AKGEC

In continuation of its pursuit of continuous knowledge enhancement of faculty and staff, Department of Computer Science and Engineering and Department of Information Technology, Ajay Kumar Garg Engineering College, Ghaziabad jointly organized one week Faculty Development Program (FDP) on "Machine Learning and Data Analytics with Python" in collaboration with Electronics and ICT Academy, IIT Roorkee from 4 - 8 December 2018. Total 42 participants from industry and academic institutions attended FDP.

750 विद्यार्थियों को उपाधि मिली

गाजियाबाद। अजय कुमार गर्ग इंजीनियरिंग कॉलेज में आयोजित दीक्षांत समारोह में 750 छात्र-छात्राओं को उपाधि दी गई। कॉलेज के दो विद्यार्थियों को गोल्ड, एक सिल्वर और दो को ब्रॉन्ज मेडल दिया गया।

कॉलेज में शनिवार को समारोह के मुख्य अतिथि अनुज खन्ना रहे। एपीजे अब्दुल कलाम प्राविधिक विवि लखनऊ के कुलपति प्रो. विनय कुमार पाठक ने मुख्य अतिथि के साथ छात्र-छात्राओं को पदक दिए। दीक्षांत समारोह में सीएसई ब्रांच की छात्रा को पूरे कोर्स में टॉप करने पर एकेटीयू का चांसलर अवार्ड दिया गया। समारोह में संस्थान के निदेशक डॉ. आरके अग्रवाल के साथ पूरा स्टाफ मौजूद रहा।

अजय कुमार गर्ग इंजीनियरिंग कॉलेज में शनिवार को आयोजित दीक्षांत समारोह में छात्र-छात्राओं को डिग्रियां बांटी गई। • हिन्दुस्तान

गुजरात में 15 और 16 सितंबर को हुआ था आयोजन, दूसरे स्थान पर मणिपाल इंस्टीट्यूट और तीसरे स्थान पर एसआरएम विश्वविद्यालय की टीम रही

वर्ल्ड रोबोट ओलंपियाड में गाजियाबाद की टीम का पहले स्थान पर कब्जा

गाजियाबाद | कार्यालय संवाददाता

गुजरात के गांधीनगर, अहमदाबाद में आयोजित वर्ल्ड रोबोट ओलंपियाड में अजय कुमार गर्ग इंजीनियरिंग कॉलेज ने प्रथम स्थान प्राप्त किया। असिस्टेंट प्रो. गौरव श्रीवास्तव के दिशा-निर्देश में बनी रोबोट की टीम को मेडिकल ओलंपियाड में टॉपर रोबोटिक्स टीम ने कम्पटीशन इंडियनैलिटी के सुपर लेग लाइन टीम को प्रथम स्थान पर रहकर रोबोट ओलंपियाड में भाग लिया।

इस मौके पर छात्रों ने रोबोट की टीम को डिजाइन किया। प्रतियोगिता में आयोजन किया गया। पुरस्कार प्राप्त छात्रों के चेहरे पर खुशी थी।

प्रतियोगिता में अजय कुमार गर्ग इंजीनियरिंग कॉलेज की टीम ने पहले 20 टीमों में...

एकेजी कॉलेज की टीम ने अपने रोबोट को रेस में दौड़ाकर पहला स्थान हासिल किया।

यह है वर्ल्ड रोबोट ओलंपियाड

सन् 2004 में शुरू हुई वर्ल्ड रोबोट ओलंपियाड एक अंतरराष्ट्रीय प्रतियोगिता है। इस टूर्नामेंट का आयोजन किया जाता है। इसमें विभिन्न देशों से आने वाले प्रतिभागी भाग लेते हैं।

वर्ल्ड रोबोट ओलंपियाड में एकेजी इंजीनियरिंग कॉलेज के छात्रों ने प्रथम स्थान हासिल किया।

इसलिए प्रिय नाम नेशन

टेक्नोवेशन-2018 में छात्रों ने दिखाई प्रतिभा

विजेता छात्र को पुरस्कृत करते अतिथि • जागरण

जासं, गाजियाबाद : अजय कुमार गर्ग इंजीनियरिंग कालेज में बृहस्पतिवार को टेक्नोवेशन-2018 नाम से राष्ट्रीय प्रतियोगिता का आयोजन किया गया। प्रतियोगिता के जरिए इंजीनियरिंग के छात्रों को एक ऐसा मंच प्रदान करना था, जिससे छात्रों में रचनात्मकता को बढ़ावा मिल सके। इसमें छात्रों ने स्मार्ट उपकरण, परिवहन, कृषि, ऊर्जा, रक्षा से संबंधित विचारों को प्रस्तुत किया। अंत में सर्वश्रेष्ठ 20 विचारों का चयन किया गया। पुरस्कार समारोह में सर्वश्रेष्ठ विचारों को साढ़े तीन लाख के पुरस्कार दिए गए। इसके अलावा जीतने वाली टीमों को बंगलौर स्टैटिसिस एक्सपीरियंस सेंटर में थ्रीडी प्रिंटिंग पर तीन दिवसीय प्रशिक्षण का मौका मिलेगा।

पांच दिवसीय कार्यशाला आयोजित की

गाजियाबाद। अजय कुमार गर्ग इंजीनियरिंग कॉलेज में पांच दिवसीय कार्यशाला आयोजित हुआ। इसमें इलेक्ट्रॉनिक और सूचना संचार प्रौद्योगिकी, भारतीय प्रौद्योगिकी संस्थान रुड़की ने कार्यक्रम का आयोजन किया। विभागाध्यक्ष डॉ. सुनीता यादव ने बताया कि पंजाब, उत्तर प्रदेश व अन्य कई राज्यों के विभिन्न इंजीनियरिंग कालेजों के 42 प्रतिभागियों ने कार्यक्रम में भाग लिया।

दो दिवसीय टेबल टेनिस टूर्नामेंट शुरू

जासं, गाजियाबाद : अजय कुमार गर्ग इंजीनियरिंग कॉलेज में शनिवार को दो दिवसीय 22वें अजय कुमार गर्ग मैमोरियल टेबल टेनिस टूर्नामेंट का आगाज हुआ। इस टूर्नामेंट में 20 टीमें और 150 एकल खिलाड़ी हिस्सा ले रहे हैं। टूर्नामेंट का शुभारंभ यूपीटीटीए के सचिव अरुण कुमार बनर्जी, यूपीटीटीए की तकनीकी कमेटी के चेयरमैन एनके लाहिरी, जिला खेल अधिकारी नोएडा सुनील जोशी ने किया। इस मौके पर मुख्य आयोजक प्रो. आइपी शर्मा, प्रो. बीके शर्मा, टूर्नामेंट के आयोजन सचिव राजीव शर्मा मौजूद रहे।

मैनेजमेंट फेस्ट में एकेजी का जलवा, झटके 18 पदक

डॉ. अब्दुल कलाम जोनल फेस्ट: 11 पदक जीत इंद्रप्रस्थ इंस्टीट्यूट दूसरे स्थान पर

अमर उजाला ब्यूरो

गाजियाबाद। एकेटीयू के डॉ. अब्दुल कलाम जोनल तकनीकी, लेखन और मैनेजमेंट फेस्ट में एकेजी इंजीनियरिंग कॉलेज के विद्यार्थियों ने हुनर दिखाया। जोनल फेस्ट में सर्वाधिक 18 पदक जीतकर एकेजी इंजीनियरिंग कॉलेज के मेधावियों ने पहला स्थान पाया। 11 पदक हासिल करने वाले इंद्रप्रस्थ इंजीनियरिंग कॉलेज की टीम दूसरे और 10 पदक जीतने वाली एबीएस इंजी की टीम ने तीसरा स्थान प्राप्त किया।

जोनल फेस्ट में काइट, एकेजीईसी, आरकेजीआईटी, आईएमएस इंजी के मेधावियों ने भी शानदार प्रदर्शन करते हुए कई पदक जीते। एकेजी इंजी में हुए जोनल फेस्ट में सर्वाधिकम जोन में आने वाले 17 इंजीनियरिंग कॉलेजों के 320 विद्यार्थियों ने प्रतिभाग किया। तकनीकी फेस्ट में सबसे पहले विद्यार्थी ने रोबोटिक्स, रोबोरेस में अपनी तकनीकी क्षमताओं का प्रदर्शन किया। रोबोटिक्स में काइट के पास, अंकित, पुलकित व अंकुर की टीम ने पहला स्थान पाया। एबीएसईसी की टीम दूसरे व आरकेजीआईटी की टीम तीसरे स्थान पर रही। रोबोरेस में एकेजीईसी की टीम ने पहला, आईएमएस इंजी ने दूसरा व एकेजीईसीडी ने तीसरा स्थान पाया।

कोडिंग कंटेस्ट में एकेजी पहले, एबीएसईसीजी दूसरे व काइट तीसरे स्थान पर रहा। टेक्निकल पोस्टर प्रेजेंटेशन में आरकेजीआईटी पहले, हाइटेक दूसरे व एकेजीईसी तीसरे स्थान पर रही। बिजनेस प्लान में संस्थान के निदेशक डॉ. आरके अग्रवाल ने विजेता प्रतियोगियों को सम्मानित किया। ब्लॉग डिबेट में एकेजीईसी ने पहला, केरान मोदी दूसरे व आईएमएस तीसरे स्थान पर रही। क्विज में आईएमएस इंजी पहले, एकेजीईसी की टीम ने दूसरा व एकेजीईसीडी ने तीसरा स्थान पाया। फूलपट इंजीनियरिंग कॉलेज में एकेजीईसी ने पहला, केडीपी ने दूसरा व आईएमएस ने तीसरा स्थान पाया। फ्रिज चैलेंज में आईएमएस पहले, बीकेजीआईटी दूसरे व काइट तीसरे स्थान पर रहा। समापन समारोह में आईएमएस ने पहला, एबीएसईसी की टीम ने दूसरा व केडीपी ने तीसरा स्थान पाया।

स्टेट लेवल तकनीकी फेस्ट 15 से

एकेटीयू के डॉ. अब्दुल कलाम तकनीकी, लिटरेरी और प्रबंधन स्टेट लेवल फेस्ट 15 व 16 फरवरी को लखनऊ स्थित विवि के सेंटर पर एकडमिक स्टडीज में होगा। जोनल राउंड के विजेता प्रतिभागी स्टेट लेवल राउंड में भाग लेंगे। अंत में बात के आठ मार्क को लखनऊ के आइईटी कैंपस सोसबूट होंगे पर स्टेट लेवल कला व संस्कृति फेस्ट का आयोजन होगा। कला व संस्कृति फेस्ट में फेस पेंटिंग, मेहंदी, पोस्टर मेकिंग, रंगोली पेंटिंग, टी-शर्ट पेंटिंग, सोलो डांस, ग्रुप डांस, गायन, स्किट मोनो होंगे। ब्यूरो

एकेजीईसी के छात्रों ने लहराया परचम

स्टेट लेवल खेल प्रतियोगिता में पदक पाने वाले अजय कुमार इंजीनियरिंग कॉलेज के छात्र

जासं, गाजियाबाद : अजय कुमार गर्ग इंजीनियरिंग कॉलेज के छात्रों ने लखनऊ में आयोजित राज्य स्तरीय खेल प्रतियोगिता में शानदार प्रदर्शन के दम पर सर्वाधिक पदकों पर कब्जा किया। एकेटीयू की वार्षिक खेल प्रतियोगिता में कॉलेज के 125 छात्रों ने हिस्सा लिया था। इससे पहले जोनल खेल प्रतियोगिता में कॉलेज की टीम ने 20 स्वर्ण, दस रजत और सात कांस्य पदक हासिल किए थे। राज्य स्तरीय प्रतियोगिता में गाजियाबाद जोन की तरफ से 16 विभिन्न खेलों में शानदार प्रदर्शन जारी रखते हुए कॉलेज ने 11 स्वर्ण और चार रजत पदक हासिल किए। इसके अलावा बेस्ट टीम इवेंट गर्ल्स, बेस्ट टीम इवेंट बॉयज, बेस्ट एथलेटिक टीम गर्ल्स और बॉयज का खिताब भी अपने नाम किया।

डॉ. कलाम स्टार्टअप परिक्रमा में एबीएस ईसी बनी विजेता

गाजियाबाद। एनएच-24 स्थित एबीएस इंजीनियरिंग कॉलेज में हुई डॉ. कलाम स्टार्टअप परिक्रमा में एकेटीयू से संबद्ध 200 से अधिक विद्यार्थियों ने भाग लिया। फिर बिजनेस आइडिया पिचिंग प्रतियोगिता में 12 टीमों ने अपना हुनर दिखाया। प्रतियोगिता में पहले और दूसरे स्थान पर मेजबान एबीएस ईसी की टीम ने कब्जा जमाया। तीसरा स्थान एकेजी इंजीनियरिंग कॉलेज की टीम ने हासिल किया। मौके पर संस्थान के अध्यक्ष नीरज गोयल, उपाध्यक्ष सचिन गोयल, सलाहकार रघुनंदन कंसल, निदेशक प्रो. गजेंद्र सिंह, सीएस ब्रांच एचओडी शैलेश तिवारी आदि मौजूद रहे। ब्यूरो

SAVE WATER. SAVE LIFE.