



# KIET

## GROUP OF INSTITUTIONS

(A Technical Campus approved by AICTE & Affiliated to  
Dr. A.P.J. Abdul Kalam Technical Univ., Lucknow)  
(Formerly Uttar Pradesh Technical University)  
Accredited by NAAC with Grade 'A' (5 yrs)

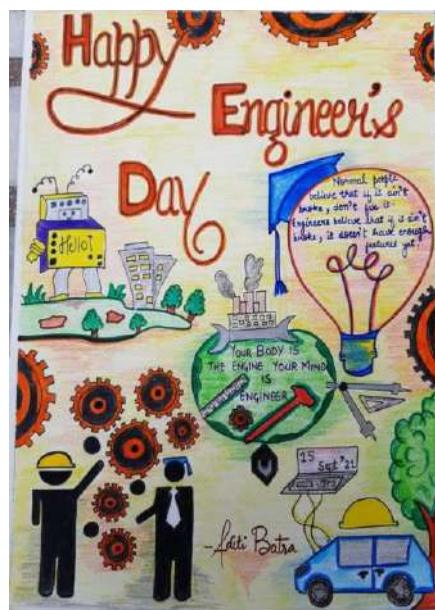
**"Shaping Young Minds with Skill Oriented & Value Based Education"**

# अभ्युदय

## Newsletter

### 2021-22

## Department of Applied Sciences



***"Leaders never use the word failure .They look upon setbacks as learning experiences"***

## DIRECTOR's MESSAGE



Congratulations on addition of newsletter of Applied Sciences Department (2021-22). Alongwith paying complete attention to academics, there is also focus in other areas of learning like Innovation labs, business incubation, open projects, hobby clubs etc. to ensure that students on passing after their degree industry ready in actual spirit. The effort is to encourage students to have their own start-ups and become job givers instead of becoming job seekers. An environment has been given to the students to follow the approach "Ideate>Create>Incubate" which has resulted in the creation of a large number of student owned companies within the campus. In addition, there is regular impetus on imparting of right human values and professional ethics which is a basic fundamental attribute to be possessed by all students.

KIET's spirit of developing technical resources for the nation and to serve the society through the insurmountable commitment of its students & alumni is growing with each passing year. The Group instils an "attitude to excel" in the students in whatever they do which stimulates them to realize their passion with excellence.

KIET Group of Institutions extends all feasible resources to make a learning environment conducive to students' aspirations. The Group strives hard to groom students in multi-dimensional areas so that they become confident enough to confront the challenges with confidence and contribute effectively in nation building.

Over the years, KIET Group of Institutions has been growing in strength and has earned a remarkable status in the country. We take our vision with absolute commitment to ensure to develop competent professionals for Industry to meet National and International needs and simultaneously create a distinguished hallmark in achieving excellence in technical education in all spheres.

***"A winner is a loser who never gave up."***

**DEAN's MESSAGE**

Since the time of its inception, KIET Group of Institutions has grown into a leading destination for quality education, cutting-edge research, innovation and a platform for social and economic mobility. Our institution has been a driving force for this exceptional transformation, carried forward by the energy, dedication and perseverance of our qualified faculty members, students and staff. The recent past has represented an unprecedented life change for all of us as the world faces down COVID-19. With the pandemic finally receding, the new normal is still very much in flux. But challenge is inexorably wed to opportunity. Our Institute continues to play a pivotal role in addressing the current and future challenges that we face. We are preparing tomorrow's leaders and innovators by providing a world-class education based on excellence, experiential learning and inclusiveness. There are also promising trends on the horizon. Emerging issues of National attention, such as climate change, energy, health care, infrastructure and global competitiveness have opened a saga of opportunities for our graduates. As engineers and applied scientists, we are driven to build, innovate, and educate, with the goal of societal improvement as a whole. Once again, we welcome and thank you for taking the time to visit. Please feel free to explore our Institute through our website, social media platforms and in person on our ever-growing campus..

*"It is never too late to be what you might have been."*



## ASSOCIATE DEAN's MESSAGE



किसी भी काम के प्रति सकारात्मक  
सोच रखनी चाहिए,  
क्योंकि नकारात्मक सोच ही हमारी  
असफलता का कारण बनती है।



In this post-modern fast paced technically oriented world, where applied learning is becoming the basic need of the hour to keep the core strengthened, in order to employ the applied courses. The vision of the department is particularly in this context to assist the students to the best of its ability to achieve their goal, and to become venerable Engineers & Technocrats. Apart from it I want a free environment, so that each member dexterously blooms understanding the importance of bonding with the department. To accomplish this aim, we need to cross different milestones. First & foremost is definitely, imparting of knowledge to engineering & technical students. Secondly, to give mental nourishment i.e. to empower our faculty, we need to conduct conferences, undertake the IGNOU Centre, running of Departmental level – short term and graduate level courses, as we have faculty of immense capability and experience. So I look forward to implement these projects, which are yet in the pipeline, to make Basic Science an empowered & indispensable pillar of KIET Group of Institutions.

“आप यह नहीं कह सकते कि आपके पास समय नहीं है क्योंकि आपको भी दिन में उतना ही समय (24 घंटे) मिलता है जितना समय महान एवं सफल लोगों को मिलता है।”



*“Do good for others, it will come back in unexpected”*

# DEPARTMENT OF APPLIED SCIENCES



## Vision

To establish this department as a base for other department's success and rally round inscribing Institution as a brand name in the country and in global arena. The long sightedness is of creating an indelible mark in the minds of the students for their conceptual approach to look forward towards the Department.

## Mission

- To propel the department and personnel's attached on the path of eternal success.
- To accomplish the aim, make short goals to reach to the zenith.
- To refine students by instilling in them the zeal to learn and adapting themselves in Constantly updating new world of technology.
- To chisel the knowledge of the students through exposure of new techniques.

***"Your life only gets better when you get better."***

# DEPARTMENT OF APPLIED SCIENCES

**Professor**

**06**

**Associate Professor**

**06**

**Assistant Professor**

**22**

## **New Joinee of Session 2021-22 :**

1. Dr. Prachi Jain
2. Dr. Sawan Kumar Rawat
3. Dr. Tina Tomer
4. Dr. Neelam Chantola
5. Dr. Neakanshika Chadha
6. Dr. Lalita Goel

## **Achievements**

- **Dr. Rashid Ali** received **Leadership Award** for the academic year 2020-21.
- **Dr. Ekata, Dr. Sachin Kumar, Dr. Prarthana Srivastava, Dr. Sweta Shukla, Dr. Pramod Kr. Sharma and Dr. Richa Agarwal** received **Outstanding Contribution** award for the academic year 2020-21.
- **Dr. Akansha Agarwal** received **CV Raman Award** for excellence in research for the academic year 2020-21 at Institute level.
- **Dr. Archana Sharma** received **DRONACHARYA Award** for excellence in teaching at departmental level for the academic year 2020-21.
- **Mr. Rahul Panchal and Mr. Durgesh Kumar** received **Outstanding Contribution award** for Non-Teaching Staff.
- **Mr. Vipin Kumar** received **Star Employee Award** for Non-Teaching Staff.
- **Mr. Rajendra Kumar** received **Long Service Award**.

***"Definiteness of purpose is the starting point of all achievement."***

# JOURNAL PUBLICATION

S.N	Name of o. the faculty	Publisher	Title of the manuscript	ISSN number	Volume No	Issue No.	Page Numbers	Category of Journal (SCIE/ eSCI/ SCOPUS/ UGC Care..)
1	Archana Sharma	Elsevier	Management and analysis of barriers in the maritime supply chains (MSCs) of containerized freight under fuzzy environment		43		100793	SCI
2	Sawan Kumar Rawat	Elsevier	Heat transfer in micropolar hybrid nanofluid flow past a vertical plate in the presence of thermal radiation and suction/injection	2666-8181	5	1	100240	Directory of Open Access Journals (DOAJ)
3	Sawan Kumar Rawat	American Scientific Publishers	Homogeneous–Heterogeneous Reactions Within Magnetic Sisko Nanofluid Flow Through Stretching Sheet Due to Convective Conditions Using Buongiorno’s Model	2169-432X (Print); 2169-4338 (Online)	11	5	646-656	Scopus
4	Nutan Kumari Chauhan	Springer Nature	Tasks Scheduling Through Hybrid Genetic Algorithm in Real-Time System on Heterogeneous Environment	2661-8907	3	1	13-Jan	Scopus
5	Dr. Deepti Seth	Harbin Institute of Technology	Modelling and Analysis of Identification of ocular disease	0367-6234	54	3	161-166	Scopus
6	Dr. Deepti Seth	Journal of optoelectronics	Making Farmers Smart for Sharing Equipments, soil testing, land lease, & discussion channel	1005-0086	41	7	771-777	Scopus
7	Dr. Deepti Seth	Material Science Proceedings	Oxygen diffusion in the retina	2214-7853	57	5	2372-2375	Scopus

***“Keep your face towards the sunshine, you will never see the shadow.”***



# JOURNAL PUBLICATION

S.No.	Name of the faculty	Publisher	Title of the manuscript	ISSN number	Volume No	Issue No.	Page Numbers	Category of Journal (SCIE/ eSCI/ SCOPUS/ UGC Care..)
8	Akansha Agrwal	Springer	Molecular Docking and Antibacterial Studies of Pyranopyrazole Derivatives Synthesized Using [Pap-Glu@Chi] Biocatalyst Through a Greener Approach	Electronic ISSN 2191-4281 Print ISSN 2193-567X	47	6	347-363	SCIE , scopus and UGC list
9	Akansha Agrwal	Springer	[SNSipmim]Cl a new and highly effective, recyclable nano catalyst for single-pot three-component Mannich type reaction	Electronic ISSN 2190-5517	12	7	2139-2149	SCIE , scopus and UGC list
10	Akansha Agrwal	Taylor and Francis	Synthesis, molecular docking and extensive structure activity relationship of substituted DHP derivatives: a new class of herbicides	Print ISSN: 0360-1234 Online ISSN: 1532-4109	57	5	379-420	SCI
11	Ajay Dixit	MUK Publication	A NOVEL TECHNIQUE TO SOLVE FRACTIONAL ORDER INITIAL VALUE PROBLEMS	0974-0570	8	1	107-119	Scopus
12	Dr. Vipin Kumar	Elsevier	Study on the properties of solid solution of screen-printed SnTe <sub>0.5</sub> Se <sub>0.5</sub> composite film	ISSN: 0030-4026	259	11	16899-1	SCI
13	DR. EKATA	Baghdad Science Journal (BSJ)	Performance Assessment of Solar-Transformer-Consumption System using Neural Network Approach	2411-7986			865-874	SCOPUS
14	Swati Maheshwari	SPRINGER	A note on Units in $F_qSL(2, Z_3)$	0041-5995	73	8	1147-1152	SCIE



# CONFERENCE PUBLICATION

S.No	Name of the faculty	Level of the Conference (International / National)	Title of the paper	Title of the proceedings of the conference / Conference Title	Volume / Issue/ Page No. (From the published Conference Proceedings)	Name of the publisher / Journal	Name of the conference	Date of publication (dd-mm-yy)	ISBN/ISSN number of the proceeding
1	Dr. Akansha Agrwal	International	Molecular docking and antimicrobial analyses of synthesized imidazole derivatives in solvent less condition, adjacent to human pathogenic bacterial strains	ICIAST-2021	Volume 57, Part 5, 2022, Pages 2250-2254	Elsevier	ICIAST-2021	10/1/2022	
2	Dr. Akansha Agrwal	International	Molecular docking and antimicrobial analyses of synthesized imidazole derivatives in solvent less condition, adjacent to human pathogenic bacterial strains	ICIAST-2021	Volume 57, Part 5, 2022, Pages 2250-2254	Elsevier	ICIAST-2021	10/1/2022	
3	Dr. Soniya Juneja	International	Surface Plasmon Mediated Electric Field Enhancement in the vicinity of Spherical Nano particle Geomtry in UV-Visible region	International Conference on Innovation and Application in Science & Technology	Volume 402/ Issue 1	Macromolecular Symposia	ICSEM 2021	4/14/2022	1521-3900
4	Dr. Ekata	International	PRESENTED Reliability Measures of Two Dissimilar Units Connected by a Switch Using Neural Networks Approach	NA	NA	NA	Recent Advances in Mathematical and Computational Optimization (RAMCO-2021)	NA	NA

“सफल होने के लिए, सफलता की इच्छा, असफलता के भय से अधिक होनी चाहिए।”

# PATENT

Name of Faculty	Patent Application Number/ Patent Number	Level of the Patent (National/ International)	Title of Patent Published / Granted ( Title should be same as in the Document which will be uploaded as a proof)
Dr.Pinky Saxena	202211029605.00	NATIONAL	SMART NOTIFICATION SYSTEM IN CASE THE VEHICLE HAS MET WITH ROAD ACCIDENT
Dr. Minakshi Karwal	Application No.202211001066 A	National	SMART AGRICULTURE CONTROL SYSTEM BASED ON INTERNET OF THINGS
Dr. Minakshi Karwal	Application No.202211003527 A	National	BIODEGRADABLE LAWN WASTE MANAGEMENT SYSTEM
DR. PRAMOD KUMAR SHARMA	202211015800	National	A SYSTEM TO DETECT AND ISSUE E-CHALLAN FOR OVERLOADED VEHICLES AT SMART HIGHWAYS
Dr.Deepti Seth	202211015665	National	Digital Image Processing Technique for Detecting Human Eye”
DR. PRAMOD KUMAR SHARMA	202211015800	National	
Dr. Richa Agarwal	20812	2021-22	Intellectual property India
Ajay Dixit	202211009519	National	IOT INTEGRATED LIBRARY MANAGEMENT SYSTEM FOR VARIOUS PUBLIC AND PRIVATE INSTITUTIONS
Dr. Sweta Shukla	2.02211E+11	National	SMART ARCHITECTURE TO EXAMINE THE HEALTH OF THE WATER BODY NEARBY VILLAGES
Dr ARCHANA SHARMA	'12053"18643"	2021-22	INDIAN
Dr ARCHANA SHARMA	18,643	2021-22	INDIAN
Dr ARCHANA SHARMA	18643" 12053	2021-22	INDIAN

*“To live without an aim is to wander in a wilderness”*

## STUDENT INDUCTION PROGRAM 2021-22

KIET Group of Institutions, Delhi –NCR, Meerut Road, Department of Applied Sciences has organised 30 days Student Induction Programme for B. Tech newly joined 1 year students of Batch (2021-22). After second wave of Covid-19 Pandemic, and complying the Government orders, Guidelines and safety measures, this time Induction Program has been organised in physical mode. This whole programme is conducted under the guidance of AICTE, New Delhi and Dr A. P. J. Abdul Kalam Technical University, Lucknow.

The programme is scheduled from 16th October 2021 to 22nd November 2021 in which more than 1200 students have attended and became part of this programme till its completion. This programme is cumulative of various academic as well as extracurricular activities, health benefited sessions to familiarize the students with the facilities provided by the college in terms of academic, co-curricular and extracurricular activities. It will be of great help to student to explore various domains and in turn would enhance their skills manifolds.

First day of this programme started by keeping health as priority in mind with Yoga Session at 6 am followed by welcome Address and Institute Virtual Tour by Head of Applied Sciences, Dr C. M. Batra who is the inspiration and visionary of the department. He gave an insight about the whole programme to the students and motivated them to always stay positive and healthy. Activities like Creative Arts, Literary Activities, Proficiency Module, familiarization to Dept./branch and innovations sports were conducted and in addition to this session by Universal Human Values were also organized which is the outmost requirement in today's generation as values form our thoughts, words and actions. The values help us to grow emotionally and mentally.



*"The mind is everything. What you think you become."*

## STUDENT INDUCTION PROGRAM 2021-22

In addition to above, Motivational Talk by Hon'ble Director, KIET Group of Institutions Dr (Col) Amik K Garg, Joint Director Dr Manoj Goel, Dean (Academics) Dr Anil Ahalawat, Dean (Student Welfare) Dr Satish Kumar, Dean (AS), HOD (Civil) and Head EEM Cell, Dr. Shailendra Kumar Tiwary; Address by Associate Dean B. Tech. I Year , HOD (AS) and B.Tech I Year (Group-1), Dr C. M. Batra, HOD of B. Tech. I Year (Group-2), Dr. Rashid Ali; Address by Head of Technical Departments, many invited talks by Industrial Companies in Technology, Session by Dr. K. L. A Khan Dean – IEC and GM- Technology Business Incubator (TBI), Motivational Session by Mr Sushil Aggrawal Promoter & Chairman, AVRO india Ltd. (formerly avon Moldplast Ltd), Session on National Cadet Corps, (NCC), National Service Scheme (NSS) and Service Selection Board (SSB), Session on Career Guidance and International Education by Dr Preeti Chitkara, Session by Various Cells like Head Computer Programming and Proficiency (CPP), Head of Skill Development and Finishing School (SD&FS), Session by Head ADAM, Session by Head Corporate Relations and Placement Centre (CRPC)/ Internship and Industry Partnership Cell (IIPC) of KIET Group of Institutions, Alumni meetings, sessions by various Student Clubs, Session on Emotional Wellness by Your DOST, and many more were conducted during the Induction program. Students were brought to knowledge regarding their branches, classes and information about Moodle online software by respective coordinators.

The highlights of the B.Tech. I year induction programme for the students are as follows are as follows:

### SESSIONS OF YOGA/ ART OF LIVING

Yoga was organised every day in the morning at 6:00-7:30 A.M during the entire induction programme.



*"The only difference between try and triumph is a little umph."*

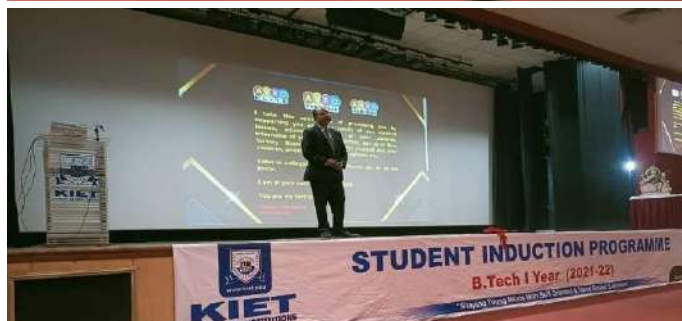


# STUDENT INDUCTION PROGRAM 2021-22

## MOTIVATIONAL AND INDUSTRIAL

### TALK BY SHRI. SUSHIL AGARWAL

The students were addressed by Shri. Sushil Agarwal. He is a proud recipient of Paul Harris Fellowship for his social contributions. He told the students to value their parents, teachers and hard work is the key to success. He asked them to value themselves, the country and the society as a whole. The students interacted with Shri. Sushil Agarwal about their problems too.



## SESSION ON GENDER SENSITIZATION BY 'YOUR DOST' BY DR JYOTSNA SODHI

Ms. Jyotsna Sodhi, Psychologist, Your Dost conducted a session in which she drew attention of the students towards the gender sensitization, coping the anxiety and stress level in hard times of pandemic Covid 19. An interactive session was organized to engross the awareness of gender issue and creating an enabling environment of gender justice so that youngsters create positive values that support the girl and their rights.

*"सफल होने के लिए, सफलता की इच्छा, असफलता के भय से अधिक होनी चाहिए।"*

# STUDENT INDUCTION PROGRAM 2021-22

## SESSION ON EMOTIONAL WELLNESS BY 'YOUR DOST'

The students were also informed about a wellness and counselling programme called 'Your Dost'. This emotional wellness programme has counsellors from around the country. Your Dost which is otherwise a paid counselling service can be availed by the students of KIET without any cost.

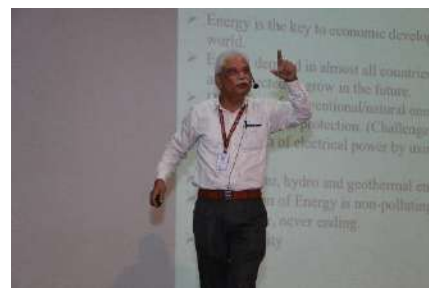


## SESSION ON ICC

Dr. Ritu Gupta, Chairperson and team members of Internal Complaint Committee, took a session on Gender Sensitization and informed the students how they can approach the ICC Cell in case they face sexual harassment issue in college or at workplace according to the Prevention, Prohibition and Redressal) Act 2013.

## SESSION ON ONE SOLAR, ONE GRID AND ONE WORLD BY DR. A.K. SHARMA

Dr. A.K. Sharma (Addl. Head EN) had briefed the students about the future distribution system of electrical energy. It is the first international network of electrical energy. It is the first international network of global interconnected solar power grid which will combine large-scale solar power stations, wind farms and grids with rooftop solar and community grids to ensure a reliable, resilient and affordable supply of clean energy for all.



*"जब तक जीना, तब तक सीखना, अनुभव ही जगत में सर्वश्रेष्ठ शिक्षक है।"*

# STUDENT INDUCTION PROGRAM 2021-22

## SESSION ON ENTREPRENEURSHIP BY MR. TUHIN SRIVASTAVA AND TEAM

Mr Tuhin who is a faculty and Entrepreneur interacted with the students and told them about how hard work can take an individual to great heights in life. He motivated the students to dream big and become entrepreneurs. He focussed about the perseverance and a 'will not give up attitude' are important to drive them to the path of success. He answered all the queries put up by the students about the upcoming Start-ups.



## ALUMNI SESSION

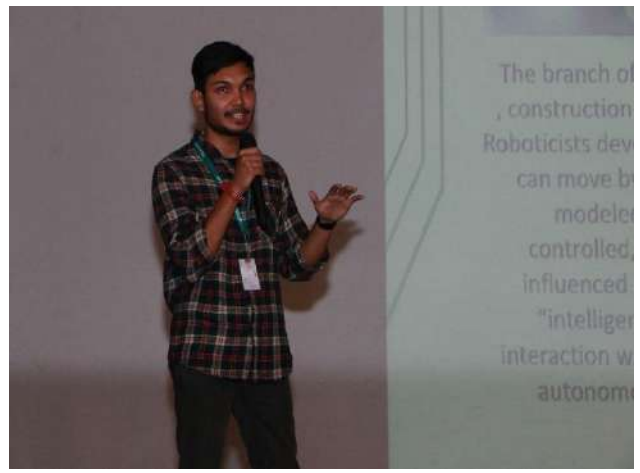
During the Induction Program an alumni interaction session was organized so that students may keep in touch with the alumni of their branch. In this session the following invited alumni shared their experiences and their journey on the path of their career.

S. No.	Name of Speaker	Batch/ Branch	Affiliation	Mobile No.
1	Mr. Tuhin Srivastava	2009/ ME	Director, Immortals	9999227420
2	Ms. Kriti Aggarwal	2011CSE	Sr. Manager, WNS	9719194828
3	Mr. Varun Jain	2018ME	Intern Webtech, USA	9129200331
4	Mr. Shantanu Ginodia	2011/ME	Consultant, TCS, Noida	7032907601

*“जीवन ठेहराव और गति के बीच का संतुलन है।”*



# STUDENT INDUCTION PROGRAM 2021-22



## SESSION BY SAE KIET

Mr. Tuhin Srivastava addressed the students and gave them an insight about the activities of SAE KIET collegiate club and how dreams can become a reality. He told the students how they can be benefitted from the practical implications of their ideas.



## SESSION ON SOFT SKILLS

Dr. Komal Mehrotra, Head, Department of Humanities and Dr. Puja Rohatgi, Additional Head, Department of Humanities and Social Sciences addressed the students and explained them the importance of soft skills. The HSS department faculty members had organized various session explaining the importance of soft skills and conducted various activities too.



*"अगर सूर्य की तरह चमकना है तो पहले सूर्य की तरह जलो ।"*



# STUDENT INDUCTION PROGRAM 2021-22

## SESSION OF CAREER GUIDANCE CELL

Dr. Preeti Chitkara, Manager (Institutional Affairs) and Coordinator (Career Guidance Centre) addressed the Students. She shared the opportunities offered by the career counselling cell such as International Internships, foreign languages like French/Japanese/German offered, higher education guidance etc. She also introduced the students about the preparatory and awareness programmes and additional courses available in the campus.



## SESSION OF CREATIVE CELL AND ERP

Mr. Vinay Ahlawat, Head Creative Cell and ERP addressed the students to acknowledge the roles, responsibilities and opportunities of Creative Cell and ERP. He and his team members told the students that most of the things are easily available for them online and students can showcase their creativity at the platform offered by C-Cell and ERP.

*"You may find the worst enemy or best friend in yourself."*

# STUDENT INDUCTION PROGRAM 2021-22

## SESSION ON INNOVATION AND ENTREPRENEUR CELL (IEC)

Mr. K. L. A. Khan, Dean (IEC) introduced the various scopes available in today's scenario and inspired the students to initiate innovative ideas for their own start-ups and become entrepreneurs.



## SESSION ON TECHNOLOGY BUSINESS INCUBATOR (TBI)

Mr. Saurav Kumar, Dy. General Manager TBI and team members introduced the various funding schemes, innovative activities running in TBI of KIET Group of Institutions. He motivated and inspired the students to initiate innovative ideas for their own start-ups and become entrepreneurs. He introduced the various technical clubs to the students where they can learn new skills besides their academic courses.



## SESSION OF CORPORATE RELATIONS AND PLACEMENT CENTRE

Mr. Arvind Kr. Sharma, Head CRPC introduced the placements, achievements and recruitment processes of the college to the students.



***"Whatever the mind of man can conceive and believe, it can achieve."***

# STUDENT INDUCTION PROGRAM 2021-22

## ADDRESS BY HEADS OF DEPARTMENTS

The Heads of Departments of CSE, CS, CSIT, IT, ME, EN, EC, CE addressed the students and gave them an insight about their respective department and the departmental technical club.



*"Strive not to be a success, but rather to be of value."*



## STUDENT INDUCTION PROGRAM 2021-22

### ADDRESS BY ASSOCIATE DEAN B. TECH. I YEAR, HOD (AS) AND B. TECH. I YEAR (GROUP-1), APPLIED SCIENCES

Associate Dean B. Tech. I year, HOD (AS) and B. Tech I Year (Group 1), Dr. C. M. Batra, addressed the students about the rules and regulations to be followed during the offline classes while pursuing the B. Tech. They also briefed them about the importance of additional skills to enhance their personalities and inculcate good ethical values. He motivated and inspired the students to give their 100% in all sphere of life either academics or co-curriculum activities.



### ADDRESS BY HEAD OF B. TECH. I YEAR (GROUP-2), APPLIED SCIENCES

HOD of B. Tech. I Year (Group-2), Dr. Rashid Ali addressed the students about the rules and regulations to be followed during the offline classes while pursuing the B. Tech. They also briefed them about the importance of additional skills to enhance their personalities and inculcate good ethical values. He motivated and inspired the students to give their 100% in all sphere of life either academics or co-curriculum activities.



*"Either you run the day, or the day runs you."*



# STUDENT INDUCTION PROGRAM 2021-22

## ADDRESS BY DEAN (ACADEMICS)

Dr. Anil Ahlawat, Dean (Academics) addressed the students to introduce them to the academic's policies of the Institute as well as AKTU.



## ADDRESS BY DEAN (STUDENT WELFARE)

Dr. Satish Kumar, Dean (Student Welfare) addressed the students to give them a brief idea about various cultural and technical clubs both at the departmental and institutional level. This would give the students a platform to enhance their skills.



## ADDRESS BY DEAN (APPLIED SCIENCES)

Dr. Shailendra Kumar Tiwary, Dean (AS) addressed the students by giving an incite about the journey of four years of B. Tech. course. He also focused about 6L: Live with purpose, Love, Learn life long, Listen carefully, Laugh and Legacy which are important areas to lead a happy and prosperous life.



*"संसार में तुम जो परिवर्तन लाना चाहते हो वो पहले अपने अंदर लाओ।"*

# STUDENT INDUCTION PROGRAM 2021-22



## ADDRESS BY DIRECTOR, KIET GROUP OF INSTITUTIONS

The Induction Program concluded with an address by Director, KIET Group of Institutions Dr. (Col.) Amik Garg. He acknowledged the achievements of KIET Group of Institutions. Also, he motivated the students to set new dimensions of thinking and learning.

## ADDRESS BY JOINT DIRECTOR, KIET GROUP OF INSTITUTIONS

Joint Director, KIET Group of Institutions Dr. Manoj Goel informed the students and parents about all the facilities and support system available in their journey of pursuing B. Tech.



***"Your most unhappy customers are your greatest source of learning"***

# STUDENT INDUCTION PROGRAM 2021-22

## INTRODUCTION OF THE STUDENTS CLUBS

The students of B. Tech. I were introduced to the various student clubs and the work they do.

S. No.	Date	Time	Duration (in Minutes)	Name of Club	Faculty Coordinator/ Speaker	Mobile No.
1	Oct. 20, 2021	01:45 - 04:00 PM	45	Uddessya	Dr. Pratibha Kumari (ME)	9873896841
			60	KIET Music Club	Dr. Richa Agarwal (AS)	8272007587
			30	Unnat Bharat Abhiyan	Dr. K. P. Mishra	9411245964
2	Oct. 21, 2021	02:30 – 04:00 PM	45	KIET Dance Club	Ms. Arika Singh (EN)	9899008270
			45	Impeccable	Dr. Sweta Shukla (AS)	9711368887
3	Oct. 22, 2021	02:30 – 04:00 PM	45	Odyssey	Dr. Priyanka Sharma (HSS)	9654328955
			45	2. Kavyanjali	Mr. Siddharth Jain (CE)	8126270776
4	Oct. 23, 2021	02:30 – 04:00 PM	45	Quizzinga	Mr. Shiv Kumar Sikarwar (EN)	9882878815
			45	Skit Club	Mr. Salim (EI)	9891913083
5	Oct. 25, 2021	02:30 – 04:00 PM	45	KIET MUN	Dr. Nutan Kumari Chauhan (AS)	9457088679
			60	TEDx	Dr. Adesh Kr. Pandey (IT)	9873709715
			30	Ek priyass jogrookta ki Orr	Dr. Barkha Rohtagi (AS)	9311411001
6	Oct. 27, 2021	01:45 – 04:00 PM	30	1. Movie Club	Mr. Shadab Ahmad Siddiqui (KSOP)	9999967128
			20	1. Fashion Club	Ms. Pooja Tyagi (EC)	9999960500
7	Oct. 28, 2021	02:10 – 03:00 PM	60	ESSB Club	Dr. Ranchay Bhateja (MBA)	9319111513
			60	E-Booster	Prof. Komal Mehrotra (HSS)	9415267620
8	Nov. 13, 2021	02:10 – 03:00 PM	20	Innogeeks	Dr. Adesh Kr. Pandey (IT)	9873709715
9	Nov. 30, 2021	03:00 – 04:00 PM	60	Creative Cell & ERP	Mr. Vinay Ahlawat (ITSS)	7906692590

*"Your time is limited, so don't waste it living someone else's life.."*

# STUDENT INDUCTION PROGRAM 2021-22

## SESSION ON CREATIVE ARTS ACTIVITIES

Literary Manifestations Activities like Essay writing, to Act, Vocabulary, Debate etc were organized to enhance the student's writing and speaking skills. To develop a sense of aesthetics and to explore creativity of students enrolled in B. Tech course, Creative Arts activity was organized during Induction Program (2021-22) from October 16, 2021 to November 20, 2021. Approximately 1100 students enthusiastically participated in various activities like painting, music, dance etc. Every student was allowed to choose one skill related to the arts whether visual or performing arts which they can pursue it every day for the duration of the program. This helps in developing and enhancing creativity which would, hopefully, flow into engineering design later.

S.No.	Activities	Topics	Presentation
1.	Assess/ Diagnose/ Act	Reorganisation of Jammu and Kashmir Consolidation in Banking Sector Water Crisis in India-Scarcity or Abundance? Whatsapp Snooping and Data Privacy Role of social media in Indian politics.	Group is given 5 minutes to deliver their views
2.	Essay Writing	Advantages and disadvantages of online classes Effects of Pollution The changes in the Ocean The Civil Rights Movement and the Effects Causes and Effects of the Popularity of Fast-Food Restaurants Internet Influence on kids The influence of my favourite movie/book on me	To write essay with 200 words limit.
3.	Game of Vocabulary: Story writing	Jungle, Dark, Giant, Suspect, Cruel, Ange, Courageous, Selfish, Dead, Happy	To write story using 5-6 words given.
4.	Debate Competition	Money the only source of motivation in Practical life Competition is far more necessary in regards to the learning process. Are security cameras an invasion of our privacy? Are humans too independent on computers? Nuclear powers of the world are responsible for the war Global warming and climate change effects Children should not be allowed to play violent video games	Oral presentation in favour and against.

***"Whatever the mind of man can conceive and believe, it can achieve."***



# STUDENT INDUCTION PROGRAM 2021-22

S.No.	Activities	Topics	Presentation
5.	Debate Competition	<p>Television is the leading cause of violence in today's society</p> <p>The government should pay for secondary education</p> <p>Is online study more effective than traditional?</p> <p>Should health insurance be obligatory?</p> <p>God: is there any true proof of his existence?</p> <p>Taxation: is it good or bad</p>	
6	Poster Presentation	<p>Women Empowerment</p> <p>Learning Enhancement during Covid-19 for students with digital devices</p> <p>Role of social media in our personal life</p> <p>Greatest discoveries in last decade</p> <p>Size and impact of industrial pollution</p> <p>Management of water resources</p> <p>Danger of Cyber crime</p>	
7	Cultural Manifestations	<p>i. Singing- 18 students participated in solo singing</p> <p>ii. Dance- 05 students took part in solo dancing</p> <p>iii. Instrumentation- 1 student participated in this activity.</p> <p>iv. Poetry - 4 student participated in this activity.</p>	



*"Strive not to be a success, but rather to be of value."*

# STUDENT INDUCTION PROGRAM 2021-22

## PROFICIENCY MODULE

The proficiency activity was organised to make the students aware with the basic knowledge of all the subjects to be taught in B. Tech. I Year. The faculty members of various domains like Maths, Chemistry, Physics, Electrical, Mechanical, Electronics, CCP conducted the classes according to the allotted slots in the Time Table.

## SPORT ACTIVITY

In B. Tech. I Year Induction Program sports activities were organized successfully. Around 1000 students participated in various sports activities.

1. **Basketball:** In basketball around 100 students participated in this activity and they were divided into different teams. Three rounds were conducted in this activity.
2. **Volley Ball:** A gathering of around 150 students was registered and 80 students took part in this activity. 08 teams played the match in three rounds.
3. **Carrom:** In this indoor activity 100 students participated. Total 25 teams were there with 4 students in each team and 4 rounds were conducted.
4. **Tug of war:** In this activity 150 students participated. Two Separate rounds for girls and boys were conducted.
5. **Badminton:** In this activity 259 students participated separate matches were played by girls and boys in 10 rounds.
6. **Chess:** In this indoor event there were 150 students who participated and four rounds were conducted successfully.
7. **Yoga:** It was also organised in induction program during morning and evening session by yoga teachers, separately for girls and boys.

*"Everything has beauty, but not everyone can see."*

## FRESCOS – 2021-22

**'Now, that's how you should invite freshers to a welcoming party!'**

The significance of a Fresher's party in college life is very evident as it aims at not just acquainting the students to the journey that lies ahead but also to make them feel connected to the institution and its people by participating in it with full enthusiasm and energy. This gives a good start to the journey of technical studies as it fills them with the energy to face future hurdles with fun.

Frescos'21 organized by the KIET Group of Institutions gave an opportunity to the freshers' to interact with their seniors along with enjoying a fest of cultural events.

Date: December 04, 2021

No of Participants: 2300

No. of Events: 05

Solo Dance

Group Dance

Anchoring

Singing

Mr. & Ms. Fresher



**"The mind is everything. What you think you become."**



## WORKSHOP/ AWARENESS PROGRAM IN OBE PRACTICES (PHASE-III)

The Department of Applied Science conducted 5 days departmental workshop/ Awareness program on OBE from 6th september to 10th september. The workshop covered all aspects of Out come based education(OBE). The focus of out come based approach of learning is to develop and out come knowledge skills and attitude.



"अगर सूर्य की तरह चमकना है तो पहले सूर्य की तरह जलो ।"



## DIWALI ACTIVITY

KIET -VE Cell organised an awareness programme on occasion of Diwali in primary school Dedha village on 29 October, 2021. There were 40 students who participated in different activities like Rangoli and Diya- decoration. Goodies were distributed among all the students.

KIET -VE Cell regards Pradhan of Dedha village, Rachana ji and school principal Ma'am.

Dr. Kapil Kumar Sharma, Dr. Neelam Sharma, Dr. Archana Sharma, Mr. Vipin Kumar Goyal were presented during this activity.



*"Your attitude toward what is right and wrong shows what you truly are."*



# ENGINEER'S DAY ACTIVITY

On the occasion of \*Engineer's day\*, ISTE Student chapter organized Poster Design Competition and quiz on 15 September, 2021 through Google form.

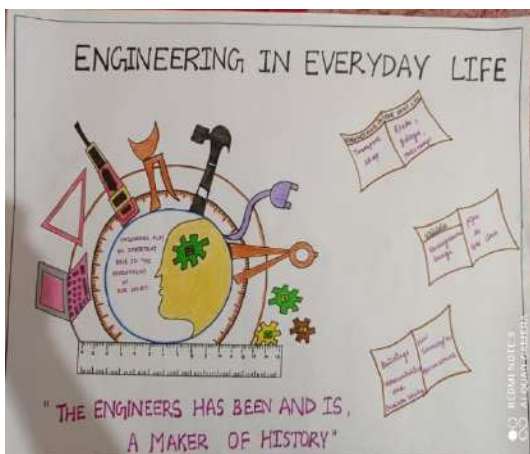
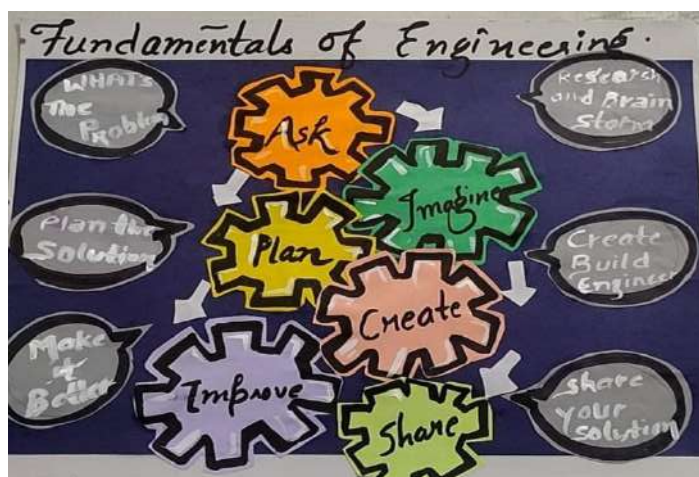
**THIS ENGINEER'S DAY**  
ISTE  
(STUDENT CHAPTER)  
BRINGS YOU  
**POSTER  
MAKING  
COMPETITION**

**THEMES:**

1. Scope of Engineering
2. Engineering in Everyday Life
3. Engineering as a career in India

Platform:  
Google Form  
Timings:  
10:00 AM - 11:59 PM

Contact: 9654638581 | 8272007587 | 8868880623

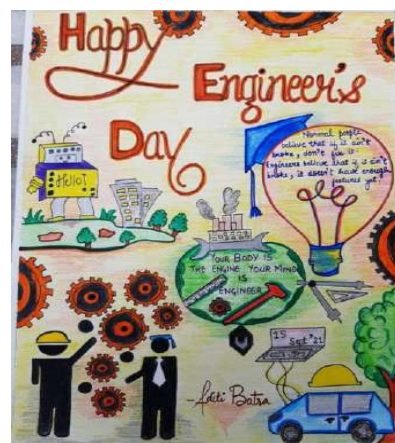
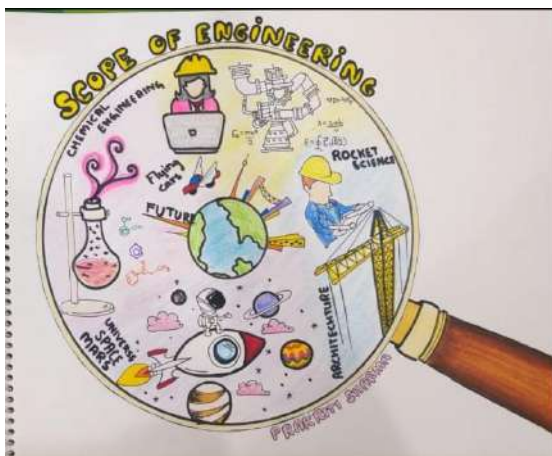


**THIS ENGINEER'S DAY**  
ISTE  
(STUDENT CHAPTER)  
BRINGS YOU  
**QUIZ  
COMPETITION**

ON  
**Fundamentals of  
Engineering**

Platform:  
Quizizz.com  
Timings:  
5:00 pm onwards

Contact: 9654638581 | 8272007587 | 8868880623



**"Strive not to be a success, but rather to be of value."**

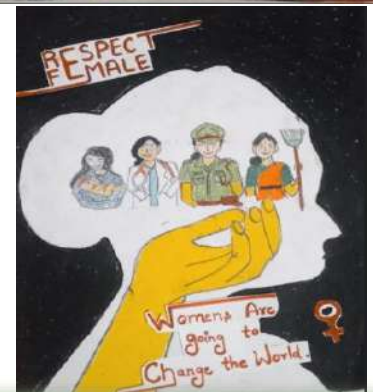
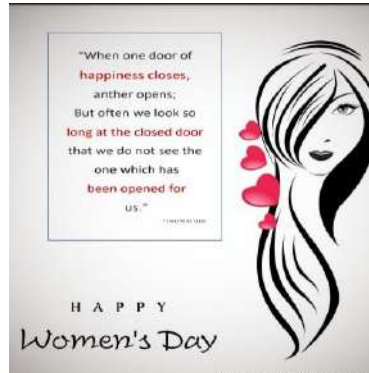
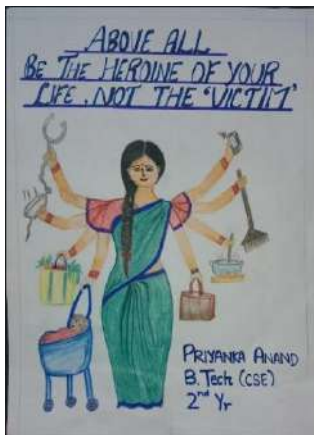


# INTERNATIONAL WOMEN'S DAY ACTIVITY

"I alone can't change the world. But I can cast a stone across the waters to create many ripples."

-Mother Teresa

In today's era, women have proved their mettle in every walk of life, whether its technology, sports, work, politics, business or health. International Women's Day celebrates women around the world and their unison in creating an equal opportunity platform for all irrespective of gender discrimination. With immense pleasure and gratitude, we wish to share that on the occasion of International Women's Day on 8th March, ISTE Student Chapter organized a poster making competition. The event saw enthusiastic participation from students of all years. The themes were Women Empowerment, Beti Bachao, Beti Padhao and Women as Leaders. It is rightly said, "Women and men are like two sides of a coin. To retain the value, both must co-exist."



*"Your time is limited, so don't waste it living someone else's life.."*

## CHILDREN'S DAY ACTIVITY

KIET-VE Cell organised Guidance and counselling session for students of primary school Hisali village and celebrated Children's day on 13<sup>th</sup> November 2021. 60 students participated in different sports activities like Musical chair, long jump, stationary and gift provided to all winners. Dr. K.P Mishra, Dr. Neelam Sharma, Dr. Pramod Sharma, Mr. Mukul, Dr. Archana Sharma, Mr. Vipin Goyal school principal Kusum Tyagi and all students were present there.



*"संसार में तुम जो परिवर्तन लाना चाहते हो वो पहले अपने अंदर लाओ।"*



## Student's Feedback

It is my immense luck and fortune to be the part of KIET Group of Institutions where I can grow. The entire faculty and department leave no stone unturned to shape one's future. My first year at KIET has been a wonderful experience of learning with prolific exposure to outside. The faculty members and seniors have been a great contributor to the development of my personality in my first year. I have established my leadership, time management and team skills and have also been able to advance these skills to the whole new augment level. The infrastructure of the college is one of the finest in the NCR region. The best thing about this college is the cross-culture interaction between students from various parts of the country. The professors here make the college what it is today. With an attitude of being ever ready to help, and not only delivering classroom teachings, but they are also the pillars of the learning gained from this esteemed college and this is a treasure for life.

The faculty members work so hard on our overall development and conduct boot-camps and extra classes for us to enhance our technical and interpersonal skills. Along with academics, we here get sufficient time to enhance our skills and work on our hobbies for which there are multiple clubs. Huge respect, love and devotion for entire faculty members and department. It's their efforts that make me to count myself into better a better version of mine.



**Surabhi Agnihotri**

Section:C

***"Your most unhappy customers are your greatest source of learning"***

## Student's Feedback

KIET has been a great contributor to the development of my personality. I have established my leadership, time management and team skills and have also been able to advance these skills to the whole new augment level. The coding culture of KIET is one of the finest in the NCR region is what stands out the most. The best thing about this college is the cross-culture interaction between students from various parts of the world. The professors here make the college what it is today. With an attitude of being ever ready to help, and not only delivering classroom teachings, but they are also the pillars of the learning gained from this esteemed university and this is a treasure for life. It's been a great experience so far. I have found the professors and staff to be incredibly friendly and helpful as I am working on getting my degree. The curriculum for my major has good structure which can give me the real experience for the field I desire to get into. The Club/Societies are just amazing. They have helped me a lot in many ways. I really like this college because I can get the education I want. I would highly recommend KIET Group of Institutions, Delhi-NCR, Ghaziabad to anyone!.



**Sambhrant Tiwari**

Section: X

*"A winner is a loser who never gave up."*

## Student's Feedback

It has been a great experience for me being a part of KIET GROUP OF INSTITUTIONS. I am very happy to be a member of this family. KIET not only provides a platform to enrich its student academically but also emphasises on the overall development of its student. It provides a lot of opportunities for students to showcase their talents, which include academics as well as holistic development. These activities create a very pleasant and enriching atmosphere for students as well as teachers as we enjoy it a lot. I am also blessed because entire college is well maintained and well organized, all the classrooms are well structured and fully air conditioned, neat and tidy labs and library.

Coming to the best part of this college which I experienced is that the teachers are so co-operative and helping that they even stay back in college after the working hours to help students whenever required. No need to go to outside the college because all the facilities are available in Campus of KIET.



**Yash Kumar Goel**

Section : V

## Parent's Feedback

My daughter has now been at KIET for one year and I am happy to see that from the administration to the teaching staff, everyone I have met has been helpful and nurturing while tailoring my child's educational experience around how she learns.

Just a year ago while we admitted our daughter at KIET, we were not sure how things would turn out. Our decision was solely based on the good impression and faith we developed in our first meeting with the faculty members there. After almost a year now, we can say that we made the right decision, and we are happy about it. The dedicated and hardworking staff, personal attention to all students, openness to listen to the parents, great focus on studies is some of the good things I feel worth sharing with others. I am glad that my daughter enjoys going to college regularly and we keep hearing nice things about the college from her.

We wish a great success ahead for the college.



**Mr. Subodh Agnihotri**

*"संसार में तुम जो परिवर्तन लाना चाहते हो वो पहले अपने अंदर लाओ।"*



## Parent's Feedback

My Son is pursuing his under graduation in KIET Group of Institutions, Delhi-NCR, Ghaziabad. It has really helped him in developing good understanding of the subject matter; social etiquettes and is helping him to groom into a responsible citizen. As parents, we would like to take this prospect to thank the teachers for their continuous care, support, collaboration, and most importantly patience. My journey as a parent with KIET has been very fulfilling, the sense of security and satisfaction I had for all the crucial years of my child's life was the key factor for me. I have not only witnessed the journey of my boy growing into a professional, but I have also seen him grow into a better human being and that is the most important part for me. It is good to see that the college gives equal priorities for both academics and extracurricular activities. Here, not only education is provided but the over-all personality of the child is groomed to prepare him for his future. Thank you KIET for inculcating the team spirit in my child and also to nurture him into a worthy professional. I would like to thank all his teachers, the support staff, the admin and everyone at KIET for playing a major role in helping my child.



**Mr. Sunit Tiwari**

## Parent's Feedback

I am very much happy that my son is doing his graduation from KIET GROUP OF INSTITUTIONS. The atmosphere of the college is very positive and healthy. Every Parent desires for the grooming of one's child and this college has proven this in all aspects-such as education, sense of discipline, high moral and ethical values, social works etc. I like the fact that the Professors and staff are very caring. They give my child more individualized attention than he has had before.



**Mr. Ravinder Kumar Goel**

*“ऊद्यम ही सफलता की कुंजी है।”*

## Glimpses of Applied Sciences



**Class Rooms**



**Engg. Physics Lab**



**Engg. Chemistry Lab**



**Professional Comm. Lab**



**Computer Lab**



**Library**

*"In a gentle way you can shake the world."*



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*"जब तक जीना, तब तक सीखना, अनुभव ही जगत में सर्वश्रेष्ठ शिक्षक है।"*



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# KIET

## GROUP OF INSTITUTIONS

(A Technical Campus approved by AICTE & Affiliated to  
Dr. A.P.J. Abdul Kalam Technical Univ., Lucknow)  
(Formerly Uttar Pradesh Technical University)  
Accredited by NAAC with Grade 'A' (5 yrs)

**"Shaping Young Minds with Skill Oriented & Value Based Education"**