

## CHIEF PATRONS:

**Shri Sarish Agarwal**

Vice Chairman, Krishna Charitable Society

**Shri Sunil P. Gupta**

General Secretary, Krishna Charitable Society

## PATRONS

**Dr. (Col.) A. Garg**

Director, KIET Group of Institutions

**Dr. Manoj Goel**

Joint Director, KIET Group of Institutions

## CHIEF COORDINATOR

**Mr. Satendra Srivastava**

Dean (IEC) &

GM – TBI, KIET Group of Institutions

## COORDINATOR

**Dr. C. M. Batra**

Head, Department of Applied Sciences

KIET Group of Institutions

## ORGANISING COMMITTEE

Department of Applied Sciences & TBI

KIET Group of Institutions

## The broad topics to be covered during the camp:

**Mathematics:** Algebra, Permutation, Combination and Discrete Probability, Sequence, Series, Number theory, Continued Fractions, Trigonometry (Heights & Distance), Classical and Cartesian Geometry. Elementary Calculus: History of Mathematics in India and elsewhere. Deep relation between Mathematics & Physics through example, Cryptography.

**Physics:** Mechanics, waves & oscillations, Magnetism and magnetic field, Laws of fluid flow and Viscosity, Lasers Cosmos and Solar System Experiment and Demonstration on above topics.

**Chemistry:** Thermodynamics, States of matter, Atomic and molecular structures, Chemical kinetics, Symmetry and Stereo Chemistry, Organic Synthesis

Chemistry & Biology, Color and Chemistry, Acid Based Chemistry, Polymers, Nanoscience and Nanomaterials.

**Biology:** Introduction to Biology, Biology at organization level, Biology at functional level, Biology at system levels.

**Earth Science:** Evolutionary Earth processes, Earth materials, Earth internal structure, Geo dynamics, Tectonics, Global climate, life on earth, Modeling in Geo Science, Technique of exploration, Geo Physics.

## KIET GROUP OF INSTITUTIONS

Delhi-NCR, Meerut Road, NH-58, Ghaziabad-201206, Uttar Pradesh

### Nearest Metro Station:

- Shaheed Sthal (New Bus Stand), Ghaziabad

### Nearest Railway Stations:

- Railway Station Muradnagar (03 Km)
- Railway Station Ghaziabad (15 Km)

### Location Map of KIET Group of Institutions



### CONTACT PERSONS

- Dr. Sachin Kumar (9897533206)
- Dr. Kuldeep Sharma (9411927994)
- Dr. Mani Varshney (9990169003)
- Dr. Kapil Kumar Sharma (9639323858)
- Dr. Bhagwanti Bishnoi (9999754782)
- Dr. Barkha Rohtagi (9311411001)
- Dr. Richa Agarwal (8272007587)

## INSPIRE INTERNSHIP CAMP



*Innovation in Science Pursuit for  
Inspired Research*

**July 08-12, 2019**

**(Five Days Residential Camp for  
School Students-Free of Cost)**

**Sponsored by**



सत्यमेव जयते

Department of Science & Technology  
Govt. of India

**Organised By**



**KIET**  
GROUP OF INSTITUTIONS

(A Technical Campus approved by AICTE &  
Affiliated to Dr. A.P.J. Abdul Kalam Technical Univ., Lucknow)  
Accredited by NAAC with Grade 'A' (5 yrs)  
Ghaziabad-201206

## **THE INSPIRE**

### **Internship Camp**

Innovation in Science Pursuit for Inspired Research (INSPIRE) is an innovation program sponsored and managed by the Department of Science & Technology for attraction of talent to Science. The basic objective of INSPIRE is to communicate to the youth of the country the excitement of creative pursuit of science and attract talent to the study of science at an early stage and build the required critical human resource pool for strengthening and expanding the Science & Technology system and R&D base.

The INSPIRE Camp aims to attract talented youth to study science by arranging winter and summer camps for youths at various locations for top 1% performers in Class X board examinations with global leaders in science to experience the joy of innovation on an annual basis through **INSPIRE Internship**.

The basic aim of INSPIRE is to instill scientific temper to the youth population of our country and to give them a flavor of bliss ingrained in creativity. The camp will provide a forum for intensified, stimulating and brainstorming interaction between the participants and the highly-esteemed mentors through lectures, lab experiments and lab visits.

### **Minimum Eligibility Criteria for INSPIRE Internship Camp**

S. No.	Board	Marks % in X Board Exam
1.	U.P. Board	72.6
2.	CBSE Board	95
3.	ICSC Board	96.8
4.	AMU	93.8

## **ABOUT THE KIET**

KIET Group of Institutions was founded and established in the year 1998 by “Krishna Charitable Society” at Ghaziabad. It has been contributing technical knowledge in all the branches of Engineering, Computer Applications, Pharmacy, Management and M. Tech. degree since last twenty years. Witnessing the indelible development, it has been honoured with ISO-9001-2008 certification and NAAC accreditation with ‘A’ Grade for five years for its versatile faculty and high placement.



The vision of Department of Applied Sciences is to enhance and empower the scientific temperament of the students through the knowledge of myriad branches : Physics, Chemistry, Mathematics, Environmental Science and Professional Communication as per global needs. It assists in honing the students’ personality, propelling towards making them successful string of corporate world. The department aims at equipping students with scientific knowledge with the blend of mind and aptitude.

## **ABOUT THE TBI-KIET**

The Technology Business Incubator (TBI) was supported and established jointly by the NSTEDB, MST, Government of India and KIET, Ghaziabad in Dec. 2007. Technology Business Incubator has a very strong Governing board comprising of Ex. Hon’ble Vice chancellor and Advisor, TBI-KIET Group of Institutions, Representative of NSTEDB, Ministry of Science and Technology, Govt. of India, Additional Industrial Advisor, Ministry of MSME, Govt. of

India, SIDBI, Representative of NRDC, Lead Bank Manager, Syndicate Bank, Ghaziabad, Directorate of Industries, R&D expert, lead entrepreneurs etc. The thrust areas of TBI-KIET are ICT, Mechanical, Electronics & Electrical. Twenty One ideas were funded by the Ministry of MSME Govt. of India and the grant to each idea was Rs. 6.25 Lacs.

During last 11 years our remarkable growth has been endorsed by NSTEDB, Department of Science and Technology, Govt. of India by approving flagship programme of Ministry i.e. NIDHI-EIR under this scheme we are giving fellowship of RS. 20000 to 30000 per month for next one year to 12 aspirants.

TBI-KIET has been also selected by NITI Ayog under flagship programme of the Hon’ble Prime Minister i.e. Atal Innovation Mission. TBI-KIET has been selected under the scheme to Established Incubator Centre.



**Reporting Time: July 08, 2019 at 09:00 am**

**Venue: G-Block, KIET Group of Institutions**

Lectures:	09:30 am – 12:30 pm
Hands on Practice:	01:30 pm – 04:45 pm
Extracurricular Activities:	05:00 pm – 06:00 pm
Interaction with Faculties (Pre-Dinner Session):	06:00 pm-07:30 pm