The Institute’s research and development activity aims at innovation and technology development through interaction with universities, governments and industries to meet the needs of the society and industry. The scope and quantum of research has significantly increased today from the earlier milieu of internally funded thesis projects to complex interdisciplinary research programs. The institute faculty, research staff and students conduct research with goals and objectives ranging from intellectual curiosity, addressing contemporary challenges, developing technology, societal benefits or writing scholarly publications.

- Provide administrative and managerial support for R&D activities
- Management of R&D projects as per norms
- Administer fellowships like INSPIRE, DBT WELLCOME, NBHM etc
- Technology Development, Patenting and Transfer
- Provide platform for start-ups
- Establish links with funding agencies, potential sponsors
- Promote Institute-Industry interactions
- Publish R&D related periodicals like Research Newsletter, Brochure, Directions - Institute Research Magazine
- Organize Institute Lectures, CNR Rao Lectures, Industry Connect Talk Series
- Agreements and MoUs preparation
- Administer initiation grant to new faculty members

### Major Govt. Funding Agencies

- Aeronautics Research and Development Board (ARDB)
- Board of Research & Nuclear Sciences (BRNS)
- Central Power Research Institute (CPRI)
- Council of Scientific & Industrial Research (CSIR)
- Defence Research & Development Organisation (DRDO)
- Dept. of Science & Technology (DST)
- Dept. of Biotechnology (DBT)
- Dept. of Atomic Energy (DAE)
- Dept. of Electronics and Information Technology (DEITY)
- Dept. of Scientific and Industrial Research (DSIR)
- Dept. of Ocean Development (DOD)
- Dept. of Space (DOS)
- Indian Space Research Organisation (ISRO)
- Ministry of Human Resource & Development (MHRD)
- Ministry of Earth Sciences (MOES)
- Ministry of Communications & Information Technology (MCIT)
- Ministry of Environment, Forests & Climate Change (MOEFCC)
- Ministry of Power (MoP)
- Ministry of Coal & Mines (MoCM)
- National Aerospace Laboratory (NAL)
- Science and Engineering Research Board (SERB)

### Students’ Initiatives

- Advanced Centre for Electronic Systems
- Centre for Environmental Science and Engineering
- Centre for Cyber Security
- Centre for Ganga River Basin Management and Studies
- Centre for Nano Sciences
- Centre for Railway Research
- Centre for Technology for Sustainable Development
- National Centre for Flexible Electronics
- Imagineering Lab (Tinkering Lab)
- Central Glass Blowing Facility
- Media Technology Centre
- Central Experimental Animal Facility
- Mobile Technology Lab

### Research Publications (2018-19)

<table>
<thead>
<tr>
<th>Title</th>
<th>Authors</th>
<th>Year</th>
</tr>
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<tbody>
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</table>

### Total number of Patents Filed

- **2019-20**: 331 patents awarded amounting to 208 cr.

### Leading Funding Agencies of 2019-20

- **Government of NCT of Delhi**: 20.40 cr
- **Science & Engineering Research Board**: 19.69 cr
- **Bill & Melinda Gate Foundation**: 12 cr
- **BIRAC**: 19.69 cr
- **European Union**: 15.83 cr
- **European Space Agency (ESA)**: 15.20 cr
- **French Space Agency (CNES)**: 14.94 cr
- **German Aerospace Center (DLR)**: 14.41 cr
- **Japan Aerospace Exploration Agency (JAXA)**: 14.31 cr

### Number of projects over last 5 Years

- **2019-20**: 200 projects
- **2018-19**: 200 projects
- **2017-18**: 175 projects
- **2016-17**: 159 projects
- **2015-16**: 132 projects

### Contact

- **Publick Unk**: 91-93 Main Road, Kandel, Kanpur-208016
- **Email**: research@iitk.ac.in
- **Website**: www.iit.ac.in/dord

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**At a Glance**

<table>
<thead>
<tr>
<th>Academic Departments</th>
<th></th>
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</thead>
<tbody>
<tr>
<td></td>
<td>53</td>
</tr>
<tr>
<td><strong>Ph.D. Programme</strong></td>
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<tr>
<td><strong>Teaching/Research Staff</strong></td>
<td>219</td>
</tr>
<tr>
<td><strong>Research Assistant/Officer</strong></td>
<td>20</td>
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<tr>
<td><strong>Research Projects</strong></td>
<td>200</td>
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<tr>
<td><strong>Total number of Faculty</strong></td>
<td>108</td>
</tr>
<tr>
<td><strong>Graduate Students</strong></td>
<td>576</td>
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<tr>
<td><strong>Undergraduate Students</strong></td>
<td>4,658</td>
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</tbody>
</table>

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**Office of R&D**

- 162, BCT, Mehta Road, Kanpur
- www.iitk.ac.in/dord

- **Indian Institute of Technology Kanpur**
- **www.iitk.ac.in/dord**

**Indian Institute of Technology, Kanpur** established in 1959, is one of the four oldest among the group of IIT’s created to train engineers, scientists, and technologists to keep the nation at the forefront of technological innovation.
Established in the year 2000, Startup Incubation and Innovation Centre (SIIC) is one of the oldest technology business incubators with many success stories under its belt such as Curadev Biopharma, Weather-Risk Advisory, GeoKno, E-spin Nanotech, Aarav Unmanned Systems, Phool, and Nocca Robotics.

With a portfolio of 140 startups that have raised hundreds of crores and generated more than 3000 jobs, SIIC has one of the most vibrant ecosystems in the country that helps tech innovators to convert their ideas into products.

National Science day is celebrated in India to mark the discovery of Raman effect by Sir CV Raman. On the occasion of National Science Day 2020, IIT Kanpur organized a thematic workshop on ‘Space Science’ on February 28, 2020. The workshop was designed to introduce the recent exciting developments in this field to the IIT community. The workshop ended with a public lecture by Prof. V. Koteswara Rao, Vikram Sarabhai Distinguished Professor, ISRO.