

**Set 1 projects**

<b>Project No.</b>	<b>Project Title</b>	<b>Supervisors</b>
4	Developing a revenue model for Bioinformatics R&D using Management approach	Sanjay Dhir (DMS), James Gomes (KSBS), B. Jayaram (CY)
9	Continuous processing for production of biotech therapeutics	Anurag Singh Rathore (ChE), James Gomes (KSBS)
10	Water and Air Borne diseases and its impact on human health due to environmental changes	S.N. Naik (CRDT), Sandeep Sahany (CAS)
11	Utilization of composite materials for enhancement of building energy efficiency.	Dibakar Rakshit (CES), Sampa Saha (DMSE)

**Set 2 projects**

<b>Project No.</b>	<b>Project Title</b>	<b>Supervisors</b>
12	Fabrication of nanocomposites based flexible electrodes to be used in microbial fuel cell for treating textile effluents and other waste water	Wazed Ali (TT), Ziauddin S. Ahammad (DBEB)
13	Exploring ribosomal RNA detection for species level identification of bacterial pathogens in a rapid, low cost bioassay format	Shalini Gupta (ChE), Vivekanandan Perumal (KSBS)
14	Construction of an Indian Brain Atlas	Rahul Garg (CSE), Rohit Verma (AIIMS)
15	Multi-Scale Modeling And Design Paradigm Of Energy Materials For Application In Solid-State Batteries	Saswata Bhattacharya (PHY), Hemant K. Kashyap (CY)
16	Superconductivity in Organic Macromolecules	Ashok K. Ganguli (CY), S. Patnaik (JNU), S. Nagendran (CY)
17	Development of sensors for detection of pesticides in vegetables	Sudip K. Pattanayek (ChE), V. Haridas (CY)

**Short-listing criteria for Admission to Ph.D. Program in SRe (Semester 1, 2018-2019)**

The candidates must meet the following criteria based on their qualifying exam degree:

<b>Qualifying degree</b>	<b>General Category</b>	<b>OBC (Non-creamy layer)</b>	<b>SC/ST &amp; PD</b>
M. Tech/M.E or equivalent	60% marks of 6.00 CGPA on a 10-point scale	60% marks of 6.00 CGPA on a 10-point scale	55% marks of 5.50 CGPA on a 10-point scale
M.Sc./MBA or equivalent	a) 60% marks of 6.00 CGPA on a 10-point scale b) Qualified GATE or cleared CSIR/UGC NET/ICAR/ICMR/ DST-INSPIRE fellowship	a) 60% marks of 6.00 CGPA on a 10-point scale b) Qualified GATE or cleared CSIR/UGC NET/ICAR/ICMR/ DST-INSPIRE fellowship	a) 60% marks of 6.00 CGPA on a 10-point scale b) Qualified GATE or cleared CSIR/UGC NET/ICAR/ICMR/DST-INSPIRE fellowship
B.E./B.Tech. or equivalent	a) 70% marks of 7.00 CGPA on a 10-point scale b) Qualified GATE or cleared CSIR/UGC NET/ICAR/ICMR/ DST-INSPIRE fellowship	a) 70% marks of 7.00 CGPA on a 10-point scale b) Qualified GATE or cleared CSIR/UGC NET/ICAR/ICMR/ DST-INSPIRE fellowship	a) 65% marks of 6.50 CGPA on a 10-point scale b) Qualified GATE or cleared CSIR/UGC NET/ICAR/ICMR/DST-INSPIRE fellowship

**For B.Tech graduates from IITs**

In respect of B.Techs from IITs graduating with a CGPA of 8.0 or above, the requirement of qualification through a national examination is waived off.

**For B.Tech students from Centrally Funded Technical Institutions (CFTI)**

Students from CFTIs (Centrally Funded Technical Institutions - IITs, NITs, IIITs, etc) having CPI/CGPA 7.00 (at 10.00 scale) at the end of 3rd year are also eligible for admission to PhD. The requirement of qualification through a national examination is waived off.

**For Part-Time candidates**

- The candidates should be employed in projects in IIT Delhi and the work experience (post qualification) required are as follows: (a) M.E./M.Tech. or equivalent (Nil) (b) B.E./B.Tech./M.Sc./MBA or equivalent (minimum one year).
- The minimum qualification for these candidates is the same as for full-time candidates, except that the requirement for qualifying in a national examination is waived off.