



# National Institutional Ranking Framework

## Ministry of Human Resource Development

Government of India



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## Welcome to Data Capturing System: ENGINEERING

**Institute ID:** IR17-ENGG-2-18639

**Institute Name:** Indian Institute of Technology, Mandi

### Full Report

Institute ID: IR17-ENGG-2-18639

Institute Name: Indian Institute of Technology, Mandi

### Sanctioned (Approved) Intake

| Academic Year           | 2015-16 | 2014-15 | 2013-14 | 2012-13 | 2011-12 |
|-------------------------|---------|---------|---------|---------|---------|
| UG [4 Years Program(s)] | 145     | 120     | 120     | 120     | ---     |
| PG [2 Years Program(s)] | 32      | 24      | ---     | ---     | ---     |
| PG [3 Years Program(s)] | 14      | 11      | 10      | ---     | ---     |
| Ph.D students enrolled  | 185     | ---     | ---     | ---     | ---     |

|                         |     |     |     |     |     |
|-------------------------|-----|-----|-----|-----|-----|
| PG [3 Years Program(s)] | 14  | 11  | 10  | --- | --- |
| Ph.D students enrolled  | 185 | --- | --- | --- | --- |

### Total Actual Student Strength (Program(s) Offered by Your Institution)

| (All programs of all years) | No. of Male Students | No. of Female Students | Total Students | Within State (Including male & female) | Outside State (Including male & female) | Outside Country (Including male & female) | Economically Backward (Including male & female) | Socially Challenged (SC+ST+OBC Including male & female) |
|-----------------------------|----------------------|------------------------|----------------|--|---|---|---|---|
| UG                          | 439                  | 35                     | 474            | 7                                      | 467                                     | 0   | 147   | 240   |
| PG                          | 48                   | 18                     | 66             | 15                                     | 51                                      | 0   | 5   | 20  |
| Ph.D                        | 136                  | 49                     | 185            | 29                                     | 156                                     | 0   | 0   | 49  |

### Placement & Higher Studies

#### UG [4 Years Program(s)]: Placement & higher studies for previous 3 years

| Academic Year | No. of first year students admitted in the year | Academic Year | No. of students admitted (Lateral Entry) | Academic Year | No. of students graduating in minimum stipulated time | No. of students placed through campus placement | Median salary of placed graduates (Amount in Rs.) | No. of students selected for Higher Studies |
|---------------|---|---------------|--|---------------|---|---|---|---|
| (2010-11)     | 116   | (2011-12)     | 0  | (2013-14)     | 114   | 79  | 7,00,000 (Seven lakhs only)                       | 1   |
| (2011-12)     | 108   | (2012-13)     | 0  | (2014-15)     | 105   | 77  | 8,00,000 (Eight lakhs only)                       | 1   |
| (2012-13)     | 115   | (2013-14)     | 0  | (2015-16)     | 112   | 87  | 9,00,000 (Nine lakhs only)                        | 5   |

## PG [2 Years Program(s)]: Placement &amp; higher studies for previous 3 years

| Academic Year | No. of first year students admitted in the year | Academic Year | No. of students graduating in minimum stipulated time | No. of students placed through campus placement | Median salary of placed graduates (Amount in Rs.) | No. of students selected for Higher Studies |
|---------------|---|---------------|---|---|---|---|
| (2012-13)     | 0   | (2013-14)     | 0   | 0   | 0(Zero)   | 0   |
| (2013-14)     | 0   | (2014-15)     | 0   | 0   | 0(Zero)   | 0   |
| (2014-15)     | 13  | (2015-16)     | 13  | 11  | 2,10,000<br>(Two lakhs ten thousand only)         | 0   |

## PG [3 Years Program(s)]: Placement &amp; higher studies for previous 3 years

| Academic Year | No. of first year students admitted in the year | Academic Year | No. of students graduating in minimum stipulated time | No. of students placed through campus placement | Median salary of placed graduates (Amount in Rs.) | No. of students selected for Higher Studies |
|---------------|---|---------------|---|---|---|---|
| (2011-12)     | 8   | (2013-14)     | 3   | 0   | 0(Zero)   | 0   |
| (2012-13)     | 6   | (2014-15)     | 5   | 0   | 0(Zero)   | 0   |
| (2013-14)     | 10  | (2015-16)     | 3   | 2   | 20,00,000<br>(Twenty Lakhs only)                  | 0   |

## Entrepreneurship

No. of sustained spin-off companies set up over the previous 5 years (2011-2016)(Companies started by the Students/Alumni/Faculty in the institutions business incubators):

## Top University Admission Data

No. of graduating students from your institution who were admitted into Top University/Institution to pursue higher studies in the year 2015-16:

No. of graduating students from your institution who were admitted into Top University/Institution to pursue higher studies in the year 2015-16:

No. of PG students admitted into your institutions from Top Institution in the year 2015-16:

No. of Ph.D students admitted into your institutions from Top Institution in the year 2015-16:

Total No. of PG & Ph.D students admitted:

## Ph.D Student Details

No. of Ph.D students graduated (including Integrated Ph.D)

| 2015-16 | 2014-15 | 2013-14 |
|---------|---------|---------|
| 7       | 3       | 3       |

## Faculty Details

| Name                         | Age | Designation         | Gender | Qualification |
|------------------------------|-----|---------------------|--------|---------------|
| Kaustav Sarkar               | 33  | Assistant Professor | Male   | Ph.D          |
| Dhar Atul                    | 33  | Assistant Professor | Male   | Ph.D          |
| Hiteshbhai Kantilal Shrimali | 33  | Assistant Professor | Male   | Ph.D          |
| Kaustav Mukherjee            | 38  | Assistant Professor | Male   | Ph.D          |
| Ramna Devi Thakur            | 40  | Assistant Professor | Female | Ph.D          |
| Dileep AD                    | 37  | Assistant Professor | Male   | Ph.D          |
| Suman Kalyan Pal             | 41  | Associate Professor | Male   | Ph.D          |
| Anil Kumar Sao               | 38  | Associate Professor | Male   | Ph.D          |
| Prem Felix Siril             | 40  | Associate Professor | Male   | Ph.D          |
| Sriram Kailasam              | 32  | Assistant Professor | Male   | Ph.D          |
| Muslim                       | 39  | Assistant Professor | Male   | Ph.D          |
| Rajneesh Sharma              | 36  | Assistant Professor | Male   | Ph.D          |
| Harish Kumar                 | 36  | Assistant Professor | Male   | Ph.D          |

|                             |    |                     |        |      |
|-----------------------------|----|---------------------|--------|------|
| Rajneesh Sharma             | 36 | Assistant Professor | Male   | Ph.D |
| Hari Varma R                | 36 | Assistant Professor | Male   | Ph.D |
| Pradeep Kumar               | 37 | Assistant Professor | Male   | Ph.D |
| Shukla Dericks Praise       | 34 | Assistant Professor | Male   | Ph.D |
| Thakor Satyajisinh Ajitsinh | 33 | Assistant Professor | Male   | Ph.D |
| Mohammad Talha              | 36 | Assistant Professor | Male   | Ph.D |
| Shubhajit Roy Chowdhury     | 35 | Assistant Professor | Male   | Ph.D |
| Shail Shankar               | 37 | Assistant Professor | Male   | Ph.D |
| Tushar Jain                 | 31 | Assistant Professor | Male   | Ph.D |
| Rik Rani Koner              | 36 | Assistant Professor | Female | Ph.D |
| Kumar Rajeev                | 40 | Associate Professor | Male   | Ph.D |
| Subrata Ghosh               | 40 | Associate Professor | Male   | Ph.D |
| Satinder Kumar Sharma       | 38 | Associate Professor | Male   | Ph.D |
| Amit Jaiswal                | 30 | Assistant Professor | Male   | Ph.D |
| Deepak Swami                | 32 | Assistant Professor | Male   | Ph.D |
| Shyamsree Dasgupta          | 34 | Assistant Professor | Male   | Ph.D |
| Nitu Kumari                 | 35 | Assistant Professor | Female | Ph.D |
| Rajendra Kumar Ray          | 36 | Assistant Professor | Male   | Ph.D |
| Mondal Prosenjit            | 38 | Assistant Professor | Male   | Ph.D |
| Aditya Nigam                | 36 | Assistant Professor | Male   | Ph.D |
| Neha Garg                   | 30 | Other               | Female | Ph.D |
| Manu V Devadevan            | 39 | Assistant Professor | Male   | Ph.D |
| Devika Sethi                | 34 | Assistant Professor | Female | Ph.D |
| Maben Rabi                  | 39 | Assistant Professor | Male   | Ph.D |
| Tulika Prakash Srivastava   | 38 | Assistant Professor | Female | Ph.D |
| Satavasheel Ramesh Powar    | 34 | Assistant Professor | Male   | Ph.D |
| Bharat Singh Rajpurohit     | 35 | Associate Professor | Male   | Ph.D |

|                         |    |                     |        |      |
|-------------------------|----|---------------------|--------|------|
| Bharat Singh Rajpurohit | 35 | Associate Professor | Male   | Ph.D |
| Rahul Vaish             | 37 | Associate Professor | Male   | Ph.D |
| Chayan K Nandi          | 39 | Associate Professor | Male   | Ph.D |
| Rajesh Ghosh            | 35 | Assistant Professor | Male   | Ph.D |
| Bhakti M Joshi          | 32 | Assistant Professor | Female | Ph.D |
| Ajay Soni               | 36 | Assistant Professor | Male   | Ph.D |
| Samar Agnihotri         | 40 | Assistant Professor | Male   | Ph.D |
| Randhawa Jaspreet Kaur  | 43 | Assistant Professor | Female | Ph.D |
| Narsa Reddy Tummuru     | 37 | Assistant Professor | Male   | Ph.D |
| Giri Rajanish           | 32 | Assistant Professor | Male   | Ph.D |
| Masakapalli Shyam Kumar | 37 | Assistant Professor | Male   | Ph.D |
| Puran Singh             | 30 | Assistant Professor | Male   | Ph.D |
| Ashok Kumar Mocherla    | 35 | Assistant Professor | Male   | Ph.D |
| Chadr Shekhar Yadav     | 35 | Assistant Professor | Male   | Ph.D |
| Dhiraj Vilasrao Patil   | 37 | Assistant Professor | Male   | Ph.D |
| Pradeep Parameswaran    | 39 | Associate Professor | Male   | Ph.D |
| Arti Kashyap            | 46 | Associate Professor | Female | Ph.D |
| Chakraborty Aniruddha   | 42 | Associate Professor | Male   | Ph.D |
| Kunal Ghosh             | 34 | Assistant Professor | Male   | Ph.D |
| Subhashish Datta        | 33 | Assistant Professor | Male   | Ph.D |
| Manoj Thakur            | 38 | Assistant Professor | Male   | Ph.D |
| Syed Abbas              | 36 | Assistant Professor | Male   | Ph.D |
| Kala Venkata Uday       | 31 | Assistant Professor | Male   | Ph.D |
| Amit Prasad             | 38 | Assistant Professor | Male   | Ph.D |
| Aditi Halder            | 39 | Assistant Professor | Female | Ph.D |
| Renu M Rameshan         | 43 | Assistant Professor | Female | Ph.D |
| Surya Prakash Upadhyay  | 35 | Assistant Professor | Male   | Ph.D |
| R C Sawhney             | 67 | Other               | Male   | Ph.D |

|                        |    |                     |        |        |
|------------------------|----|---------------------|--------|--------|
| Surya Prakash Upadhyay | 35 | Assistant Professor | Male   | Ph.D   |
| R C Sawhney            | 67 | Other               | Male   | Ph.D   |
| Abhimanew Dhir         | 34 | Other               | Male   | Ph.D   |
| Pradyumna Kumar Pathak | 39 | Assistant Professor | Male   | Ph.D   |
| Ankush Bag             | 30 | Assistant Professor | Male   | Ph.D   |
| Pradeep Kumar          | 32 | Other               | Male   | Ph.D   |
| B D Chaudhary          | 68 | Other               | Male   | Ph.D   |
| Jain Satish Chandra    | 68 | Other               | Male   | Ph.D   |
| Akanksha Dwivedi       | 38 | Assistant Professor | Female | Ph.D   |
| Suman                  | 38 | Assistant Professor | Female | Ph.D   |
| Varun Dutt             | 34 | Assistant Professor | Male   | Ph.D   |
| Viswanath Balakrishnan | 37 | Assistant Professor | Male   | Ph.D   |
| Sudhir Kumar Pandey    | 43 | Assistant Professor | Male   | Ph.D   |
| Sivasankaran Harish    | 30 | Assistant Professor | Male   | Ph.D   |
| Sukumar Bhattacharya   | 53 | Other               | Male   | Ph.D   |
| Vishal Singh Chauhan   | 39 | Assistant Professor | Male   | Ph.D   |
| Sunny Zafar            | 27 | Assistant Professor | Male   | Ph.D   |
| Bhavender Paul Sharma  | 67 | Other               | Male   | Ph.D   |
| Tripti Singh           | 40 | Other               | Female | Ph.D   |
| Gokul Somasekhran      | 37 | Other               | Male   | M.Tech |
| S P Mahulikar          | 48 | Professor           | Male   | Ph.D   |
| Arpan Gupta            | 30 | Assistant Professor | Male   | Ph.D   |
| Arnav Vinayak Bhavsar  | 34 | Assistant Professor | Male   | Ph.D   |
| Sarita Azad            | 40 | Assistant Professor | Female | Ph.D   |
| Rajeshwari Dutt        | 35 | Assistant Professor | Female | Ph.D   |
| Lalit Malhotra         | 73 | Other               | Male   | Ph.D   |
| Anand Srivastava       | 56 | Other               | Male   | Ph.D   |
| Bindu Radhamany        | 41 | Assistant Professor | Female | Ph.D   |

|                            |    |   |        |        |
|----------------------------|----|---|--------|--------|
| Bindu Radhamany            | 41 | Assistant Professor                           | Female | Ph.D   |
| Himanshu Pathak            | 31 | Assistant Professor                           | Male   | Ph.D   |
| Subrata Ray                | 69 | Other   | Male   | Ph.D   |
| Pramod Talgeri             | 74 | Other   | Male   | Ph.D   |
| Siddhartha Sarma           | 37 | Other   | Male   | B.Tech |
| Ponneri C Ravikumar        | 36 | Assistant Professor                           | Male   | Ph.D   |
| Aruna Bommareddi           | 44 | Assistant Professor                           | Female | Ph.D   |
| Pydi Anil Kishan           | 37 | Assistant Professor                           | Male   | Ph.D   |
| Pratibha Garg              | 36 | Assistant Professor                           | Female | Ph.D   |
| Padmabhan Rajan            | 38 | Assistant Professor                           | Male   | Ph.D   |
| Om Prakash Singh           | 39 | Assistant Professor                           | Male   | Ph.D   |
| TA Gonsalves               | 62 | Dean / Principal / Director / Vice Chancellor | Male   | Ph.D   |
| Prasanth Poovathumkal Jose | 40 | Assistant Professor                           | Male   | Ph.D   |
| Venkata Krishnan           | 37 | Assistant Professor                           | Male   | Ph.D   |
| B Subramanian              | 64 | Other   | Male   | Ph.D   |
| Ramesh Oruganti            | 68 | Other   | Male   | Ph.D   |
| Astrid Kiehn               | 56 | Other   | Female | Ph.D   |
| Deepak Khemani             | 58 | Other   | Male   | Ph.D   |
| Prasun Jana                | 35 | Assistant Professor                           | Male   | Ph.D   |

### Financial Resources: Utilised Amount for the Capital & Operational expenditure for previous 3 years

| Financial Year  | 2015-16         | 2014-15         | 2013-14         |
|---|-----------------|-----------------|-----------------|
|   | Utilised Amount | Utilised Amount | Utilised Amount |
| <b>Annual Capital Expenditure on Academic Activities and Resources (excluding expenditure on buildings)</b> |                 |                 |                 |



| <b>buildings)</b>  |   |  |  |
|--|---|--|--|
| Library  | 59782000 (Five Crore Ninety seven lakh Eighty two thousand)         | 60755000 (Six Crore seven lakh Fifty Five Thousand)              | 44326000 (Four Crore forty Three lakh Twenty six Thousand)   |
| New Equipment for Laboratories   | 352948000 (Thirty Five Crore Twenty Nine lakh Forty Eight Thousand) | 221731000 (Twenty Two crore Seventeen Lakh Thirty One Thousand)  | 99671000 (Nine Crores Ninety Six Lakhs seventy One Thousand) |
| Engineering Workshops  | 10259000 (One Crore two Lakh fifty Nine Thousand)                   | 5744000 (Fifty Seven Lakh Forty Four Thousand)                   | 4063000 (Forty Lakh Sixty Three Thousand)                    |
| Studios  | 0 (Nil)   | 0 (Nil)  | 0 (Nil)  |
| Other suitably identified academic activities  | 0 (Nil)   | 0 (Nil)  | 0 (Nil)  |
| <b>Annual Operational Expenditure</b>  |   |  |  |
| Salaries (Teaching and Non Teaching staff)   | 159719000 (Fifteen Crore Ninety Seven Lakh Nineteen Thousand)       | 137235000 (Thirteen crore Seventy two Lakh Thirty Five Thousand) | 94719000 (Nine Crore Forty seven Lakh Nineteen Thousand)     |
| Maintenance of Academic Infrastructure or consumables, other running expenditures, Seminars/Conferences /Workshops etc. (excluding maintenance of hostels and allied services) | 124044000 (Twelve Crore Forty Lakh Forty Four Thousand)             | 90948000 (Nine Crore Nine Lakh Forty Eight Thousand)             | 67390000 (Six Crore Seventy Three Lakh Ninety Thousand)      |

## Other Details (Women Diversity)

No. of women members in senior administrative positions, such as Head of Departments, Dean or Institute Heads in previous academic year (2015-16):

## IPR

| Calendar Year        | 2015 | 2014 | 2013 |
|----------------------|------|------|------|
| No. of Patents Filed | 7    | 0    | 1    |

|                          |   |   |   |
|--------------------------|---|---|---|
| No. of Patents Filed     | 7 | 0 | 1 |
| No. of Patents Published | 0 | 0 | 1 |
| No. of Patents Granted   | 0 | 0 | 1 |
| No. of Patents Licensed  | 0 | 0 | 1 |

Did your institution transferred atleast one technology in the previous three years?:

| Financial Year                          | 2015-16 | 2014-15 | 2013-14 |
|---|---------|---------|---------|
| Earning From Patents (Amount in Rupees) | 0       | 0       | 0       |
| Enter Amount in Words                   | zero    | zero    | zero    |

## Sponsored Research Details

| Financial Year                           | 2015-16   | 2014-15   | 2013-14   |
|--|---|---|---|
| Total no. of Sponsored Projects          | 20  | 18  | 8   |
| Total no. of Funding Agencies            | 10  | 11  | 3   |
| Total Amount Received (Amount in Rupees) | 77049038  | 111639387   | 16068200  |
| Amount Received in Words                 | Seven Crore Seventy Lakh Forty Nine Thousand Thirty eight | Eleven Crore Sixteen Lakh Thirty Nine Thousand Three hundred Eighty Seven | One Crore Sixty Lakh Sixty Eight Thousand Two Hundred |

## Consultancy Project Details

| Financial Year                    | 2015-16 | 2014-15 | 2013-14 |
|-----------------------------------|---------|---------|---------|
| Total no. of Consultancy Projects | 2       | 1       | 1       |
| Total no. of Client Organizations | 2       | 1       | 1       |

|  |  |   |  |
|--|--|---|--|
| Organizations                            |  |   |  |
| Total Amount Received (Amount in Rupees) | 2387506  | 6090290                                     | 134832   |
| Amount Received in Words                 | Twenty Three Lakh Eighty Seven Thousand Five Hundred six | Sixty Lakh Ninty Thousand Two Hundred Ninty | One Lakh Thirty Four Thousand Eight Hundred Thirty two |

## Executive Development Program

| Financial Year                              | 2015-16 | 2014-15 | 2013-14 |
|---|---------|---------|---------|
| Total no. of Executive Development Programs | 0       | 0       | 0       |
| Total no. of Participants                   | 0       | 0       | 0       |
| Total Annual Earnings (Amount in Rupees)    | 0       | 0       | 0       |
| Total Annual Earnings in Words              | NIL     | NIL     | NIL     |

## Facilities for PCS: Facilities of physically challenged students

|   |                               |
|---|-------------------------------|
| 1. Do your institution buildings have Lifts/Ramps?  | Yes, in some of the buildings |
| 2. Do your institution have provision for walking aids, including wheelchairs and transportation from one building to another for handicapped students? | Yes, in some of the buildings |
| 3. Do your institution buildings have specially designed toilets for handicapped students?  | Yes, in some of the buildings |

|                               |                          |
|-------------------------------|--------------------------|
| <b>Institute Name</b>         | <b>IIT MANDI</b>         |
| <b>India Rankings 2017 ID</b> | <b>IR17-ENGG-2-18639</b> |
| <b>Discipline</b>             | <b>ENGINEERING</b>       |

**Consultancy Projects**

| <b>S.No.</b> | <b>Financial Year</b> | <b>Name of faculty (Chief Consultant)</b> | <b>Client Organization</b>          | <b>Title of Consultancy of project</b>   | <b>Amount received (in Rupees)</b> | <b>Amount received (in words)</b>                                  |
|--------------|-----------------------|---|-------------------------------------|--|------------------------------------|--|
| <b>1</b>     | <b>2015-16</b>        | Dr. Varun Dutt                            | Purdue Pharma L.P USA               | Visualization of Big Data in Pharmaceutical Industry   | USD\$8,999 or Rs. 599950/-         | Rupees Five Lakh Ninety Nine Thousand Nine Hundred Fifty           |
|              |                       | Dr. Rajeev Kumar<br>Co- PI: Dr. B.S       | BHEL, Ranipur, Haridwar, Uttrakhand | Development of Analytical Method to determine transient torques developed under various faults & its grid interaction effects on turbine | 17,87,556                          | Rupees Seventeen Lakh Eighty Seven thousand Five Hundred Fifty six |
| <b>2</b>     | <b>2014-15</b>        | Dr. Varun Dutt                            | Purdue Pharma L.P USA               | Machine learning & Data Mining for Sales & Analytical in Pharma  | USD\$96,062 or Rs. 6090290         | Rupees Sixty Lakh Ninety thousand Two Hundred Ninety               |
| <b>3</b>     | <b>2013-14</b>        | Dr. Anil K. Sao                           | Aindra Systems, Bangalore           | Face recognition in Real Time  | 1,34,832                           | Rupees One Lakh Thirty Four Thousand Eight Hundred thirty Two      |

|                               |                         |  |   |                                      |
|-------------------------------|-------------------------|--|---|--------------------------------------|
| <b>Institute Name</b>         |                         | <b>IIT MANDI</b>                                       |   |                                      |
| <b>India Rankings 2017 ID</b> |                         | <b>IR17-ENGG-2-18639</b>                               |   |                                      |
| <b>Discipline</b>             |                         | <b>ENGINEERING</b>                                     |   |                                      |
| <b>Parameter</b>              | <b>Enterpreneurship</b> |  |   |                                      |
| <b>3A.GPHE</b>                | <b>S.No.</b>            | <b>Name of the Student/Alumni/Faculty entrepreneur</b> | <b>Graduating year(applicable for student/alumni)</b> | <b>Name of the company incubated</b> |
|                               | 1                       | Chandajn Satyarthi                                     | 2015  | Liquid                               |
|                               | 2                       | Aakash \Hingu  | 2014  | Ex-Junk                              |
|                               | 3                       | Dhirendra Kumar Singh                                  | 2014  | IITians Technology                   |
|                               | 4                       | Aman Agarwal   | 2014  | iExperts                             |

|                               |                          |
|-------------------------------|--------------------------|
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| <b>Discipline</b>             | <b>ENGINEERING</b>       |

| <b>Parameter</b> | <b>Students opting for higher studies</b> |                                       |  |                                    |                          |
|------------------|---|---------------------------------------|--|------------------------------------|--------------------------|
| <b>3A.GPHE</b>   | <b>S.No.</b>                              | <b>Graduating year of the Student</b> | <b>Name of the University/Institutions</b> | <b>Number of Students admitted</b> | <b>Year of admission</b> |
|                  | <b>1</b>                                  | <b>2015-16</b>                        | TU Delft                                   | 1                                  | 2016                     |
|                  |   |                                       | IIM Lucknow                                | 1                                  | 2016                     |
|                  |   |                                       | University of California Irvine            | 1                                  | 2015                     |
|                  |   |                                       | Georgia Institute of Technology            | 1                                  | 2016                     |
|                  |   |                                       | National University of Singapore           | 1                                  | 2016                     |
|                  | <b>2</b>                                  | <b>2014-15</b>                        | University of Alberta                      | 1                                  | 2014                     |
|                  | <b>3</b>                                  | <b>2013-14</b>                        | Indian Institute of Management, Indore     | 1                                  | 2013                     |

|                        |                   |
|------------------------|-------------------|
| Institute Name         | IIT MANDI         |
| India Rankings 2017 ID | IR17-ENGG-2-18639 |
| Discipline             | ENGINEERING       |

| Sponsored Research Projects |        |                |      |   |                            |  |                                   |                  |                            |  |
|-----------------------------|--------|----------------|------|---|----------------------------|--|-----------------------------------|------------------|----------------------------|--|
| Parameter                   | S. No. | Financial Year | Nos. | Name of Faculty (Principal Investigator)  | Name of the Funding Agency | Title of the Project   | Sanctioned Order No.              | Sanctioned date  | Amount sanctioned (in Rs.) | Amount sanctioned (in words)                                       |
| 2D.FPPP                     | 1      | 2015-16        | 1    | Dr. Suman Kalyan Pal<br>Co-PIs: Dr. Subrata Ghosh<br>Dr. C.K. Nandi<br>Dr. Suresh Chand (NPL)<br>Dr. Rajiv Kr. Singh (NPL)          | SERB                       | Engineering Chemical Structure to Improve Device Efficiency: Novel Organic Polymers/Macromolecules & their Nanocomposites for Photovoltaic Application | SB/S1/OC-48/2014                  | 05th March,2015  | 4364000                    | Forty three lakh Sixty four thousand only                          |
|                             |        | 2015-16        | 2    | Dr. Bindu Radhamany   | UGC-DAE                    | Effect of dimensionality on the electronic structure of some novel transition metal oxides   | CSR-IC-BL-15/CRS-112-2014-15/1208 | 27th March,2015  | 229800                     | Two Lakh Twenty nine thousand & Eight hundred only                 |
|                             |        | 2015-16        | 3    | Dr. Ajay Soni   | BRNS                       | Development of High Temperature Thermoelectric Transport Measurements System to Study Chalcogenide Based Thermoelectric Nano-Composites                | 37(3)/14/02/2015/B RNS-20042      | 08th May,2015    | 2500000                    | Twenty five lakh only  |
|                             |        | 2015-16        | 4    | Dr. Ajay Soni   | SERB                       | Layered Chalcogenide Nanocomposites for Thermoelectric Applications  | YSS/2014/001038                   | 09th June,2015   | 2600000                    | Twenty Six Lakh only   |
|                             |        | 2015-16        | 5    | Dr. Amit Prasad   | DBT                        | Immuno-modulating effect of Taenia solium cyst antigens on immune reactive cells and their role in pathogenesis  | BT/RLF/Re-entry/08/2013           | 15th June,2015   | 3250000                    | Thirty two lakh Fifty thousand only                                |
|                             |        | 2015-16        | 6    | PI: Ms. Debarati Bandhyopadhyay<br>Mentor: Dr. Varun Dutt   | DST                        | Decisions from experience: AN ERP investigation of decision based on valuation of outcomes and probabilities   | SR/CSRI/PDF-29/2014               | 29th June,2015   | 1856000                    | Eighteen Lakh Fifty six thousand only                              |
|                             |        | 2015-16        | 7    | Dr. Anil K. Sao (PI)<br>Dr. Arnav Bhavsar (Co-PI)   | Aindra Systems Pvt. Ltd.   | Detection of Cervical Cancer from pap smear images   | IITM/ASPL/ASO/90                  | 24th August,2015 | 650000                     | Six lakh Fifty thousand only                                       |
|                             |        | 2015-16        | 8    | Dr. Arti Kashyap  | DST                        | Setting up centre for innovative technologies for Himalayan Region under CSTR Scheme   | DST/SEED/CSTRI/MANDI/2014         | 09th July,2015   | 3140000                    | Thirty one lakh Forty thousand only                                |
|                             |        | 2015-16        | 9    | Dr. Venkata Krishnan  | DST-SERB                   | Bioinspired Advanced Materials for Enhanced Solar Energy Conversion in Organic Photovoltaics   | YSS/2014/000456                   | 18th Sep,2015    | 2087000                    | Twenty lakh Eighty seven thousand only                             |
|                             |        | 2015-16        | 10   | Dr. Anil K. Sao   | Deity-MLA                  | Visvesvaraya PhD Scheme for Electronics & IT in 2015-16  | PHD-MLA/4(22)/2015-16             | 25th August,2015 | 21713000                   | Two crore Seventeen Lakh Thirteen thousand only                    |
|                             |        | 2015-16        | 11   | Dr. Arti Kashyap  | DST                        | Ab-initio search of new Magnetolectric Multiferroic Materials  | SR/NM/NS-1198/2013                | 23.07.2015       | 5736538                    | Fifty seven lakh Thity six thousand Five hundred thirty eight only |
|                             |        | 2015-16        | 12   | Dr. Neha Garg   | DST-INSPIRE                | Identification of the Hedgehog pathway modulators in non-small cell lung cancer stem cells   | DST/INSPIRE/04/2015/000958        | 10.08.2015       | 3500000                    | Thirty Five lakh only  |
|                             |        | 2015-16        | 13   | Dr. Aditi Halder  | DST-SERB                   | Generating Renewable Energy Sources Using Anthropogenic CO2 for Sustainable Future   | YSS/2014/000997                   | 04.11.2015       | 3040000                    | Thirty lakh Forty thousand only                                    |
|                             |        | 2015-16        | 14   | Dr. Subrata Ghosh   | SCL Mohali                 | Development of Indigenous DUV photoresists for 180 nm process technology at Semi-conductor Lab (SCL) Mandi: Make in India                              | SCL/PPED/VFD/IV/O22               | 20.08.2015       | 8100000                    | Eighty one lakh only   |
|                             |        | 2015-16        | 15   | Dr. Amit Jaiswal  | SERB                       | Stimuli Responsive Smart Nanocarriers for Theranostics Application   | YSS/2015/000834                   | 12.11.2015       | 2256000                    | Twenty two lakh Fifty six thousand only                            |
|                             |        | 2015-16        | 16   | Dr. Rajanish Giri   | SERB                       | Intrinsically Disordered Proteins: Folding and Binding Mechanisms of Transactivation Domain of Adenoviral Oncoprotein E1A with its partner TAZ2        | YSS/2015/000613                   | 27.11.2015       | 2736000                    | Twenty seven lakh Thirty six thousand only                         |
|                             |        | 2015-16        | 17   | Dr. Subrata Ghosh   | DST-GITA                   | Novel Non Chemically Amplified Molecular Photoresists for Nanoelectronics at the 20nm Node or Beyond   | GITA/DST/TWN/P-69/2015            | 31.12.2015       | 2929500                    | Twenty nine lakh Twenty nine thousand, Five hundred only           |
|                             |        | 2015-16        | 18   | Dr. Rahul vaish   | DST-SERB                   | Photocatalytic Transparent Glass Nano/micro crystal composites for wasre water treatment   | YSS/2014/000925                   | 21.12.2015       | 2805200                    | Twenty Eight lakh Five thousand two hundred only                   |
|                             |        | 2015-16        | 19   | Dr. Ramma Thakur  | Ministry of Culture        | Training in Pahari Painting: A step towards the presentation of Himalayan Culture  | F.11-17/2015-BTI                  | 06.01.2016       | 700000                     | Seven lakh only  |
|                             |        | 2015-16        | 20   | Dr. Viswanath Balakrishnan  | DST                        | Site specific growth and nanomanufacturing of aligned carbon nanotube(CNT) for device  | SB/FTP/ETA-155/2014               | 22.01.2016       | 2856000                    | Twenty Eight lakh Fifty six thousand                               |
|                             |        | 2014-15        | 1    | Dr. Rajendra Kumar Ray  | NBHM (DAE)                 | Development of Higher Order Accurate Numerical Schemes for Elliptic Equation with Various Discontinuities & its  | 2/48(18)/2014/-R&Dii/1043         | 27.01.2015       | 299500                     | Two lakh ninty nine thousand five hundred only                     |
|                             |        | 2014-15        | 2    | Dr. Bharat Singh Rajpurohit   | DST                        | Fund for Improvement of S&T Infrastructure in Universities and Higher Educational Institutions (FIST) Program-2013                                     | SR/FST/ETI-353-/2013(G)           | 07.07.2014       | 24500000                   | Two crore Forty five lakh only                                     |
|                             |        | 2014-15        | 3    | PI: Dr. Rajendra Kumar Ray<br>Co-PI: Dr. O.P. Singh   | BRNS (DAE)                 | Modeling of Contaminated Sediments in Lakes/Rivers   | 36(4)/14/06/2014-BRNS             | 15.07.2014       | 2107100                    | Twenty one lakh Seven thousand one hundred only                    |
|                             |        | 2014-15        | 4    | Dr. Bharat Singh Rajpurohit<br>Co-PI: Prof. S.N. Singh (IIT Kanpur)<br>Dr. Dr. Francisco Gonzalez-Longatt (Coventry University, UK) | DST-UKIERI                 | Smart Multi-Terminal DC U-grids for autonomous Zero-Net Energy Buildings   | DST/INT/UK/P-61/2014              | 23.04.2014       | 2720800                    | Twenty seven lakh Twenty thousand Eight hundred only               |
|                             |        | 2014-15        | 5    | PI: Dr. Bharat Singh Rajpurohit<br>Prof. S.N. Singh (IITK)<br>Co-PI: Dr. Samar Agnihotri<br>Dr. Y.N. Singh (IITK)                   | DST                        | A Multi Dimentional Smart Energy Grids Analysis for Indian Scenario  | DST/TM/SERI/2k12/82(G)            | 30.09.2014       | 10098100                   | One Crore Ninety Eight thousand One hundred only                   |

|         |         |         |   |  |   |   |                    |            |  |  |
|---------|---------|---------|---|--|---|---|--------------------|------------|--|--|
| 2       | 2014-15 | 6       | Dr. Varun Dutt<br>Dr. V. S. Chandrashekhar<br>Pammi (University of<br>Allahabad)                  | DST  | Building a Secure and Trustworthy Cyberspace: A Behavioral Game-Theoretic Approach  | SR/CSR/28/2013(G)   | 10.12.2014         | 2289600    | Twenty two lakh Eighty nine<br>thousand Six hundred only             |  |
|         | 2014-15 | 7       | Dr. Suman K. Pal  | CSIR   | Carrier Multiplication in Electronically Coupled Nanocrystals and Harvesting  | 03(1325)/14/EMR-II  | 03.11.2014         | 1258000    | Twelve lakh Fifty eight thousand only                                |  |
|         | 2014-15 | 8       | Dr. Manu V. Devadevan<br>Co-PI: Prof. Kesavan<br>Veluthat (Univ. of Delhi)                        | UGC  | The Sixteenth Century Renaissance in Southern India   | 06-19/2014(I/C)   | 23.01.2015         | 4800000    | Forty eight lakh only  |  |
|         | 2014-15 | 9       | Dr. Rahul Vaish   | INSA   | Investigation of Photocatalytic Activity in Ferroelectric Ceramics & their Composites   | SP/YS/102/2014/06<br>5  | 17.10.2014         | 1500000    | Fifteen lakh only  |  |
|         | 2014-15 | 10      | Dr. Jaspreet Kaur<br>Randhawa   | ICMR   | Nano Structure Metal Oxide: Application to Biosensing   | 5/3/8/104/GM/2011<br>RCH  | 24.12.2014         | 1505980    | Fifteen lakh five thousand nine<br>hundred eighty                    |  |
|         | 2014-15 | 11      | Dr. Suman K. Pal<br>Prof. Tonu Pullerits (Lund<br>University, Sweden)                             | DST-VR   | Quantum Dots for Novel Solar Solutions  | DST/JNT/SWD/VR/P-<br>06/2014  | 15.01.2015         | 4027000    | Forty lakh Twenty seven thousand<br>only                             |  |
|         | 2014-15 | 12      | Dr. Anil K. Sao   | DeitY-MLA  | Visvesvaraya PhD Scheme for Electronics & IT  | PhD-<br>MLA/4(22)/2014  | 19.11.2014         | 30990000   | Three crore Nine lakh Ninty thousand<br>only.                        |  |
|         | 2014-15 | 13      | Dr. Arnav Bhavsar   | DST-INSPIRE  | Investigations into Scene Recovery for Optical & Range Cameras and Applications to Medical Image Analysis                         | IFA14-ENG-88  | 29.07.2014         | 3500000    | Thirty five lakh only  |  |
|         | 2014-15 | 14      | Dr. Manoj Thakur  | DRDO-SASE  | Snow Avalanche Forecasting Using Machine Learning and Data Mining   | SASE/Tech/4008  | 26.12.2014         | 504000     | Five lakh Four thousand only   |  |
|         | 2014-15 | 15      | Dr. Bharat Singh<br>Rajpurohit<br>Co-PI: Dr. Rajeev Kumar   | NRB-DRDO   | Design & Development of High Performance Synchronous Machine (PMSM) based Drives for Motion Control                               | NRB/4003/PG/353   | 11.09.2015         | 2830973    | Twenty eight lakh thirty thousand<br>Nine hundred seventy three only |  |
|         | 2014-15 | 16      | Dr. Dericks Praise Shukla   | DST  | Arsenic and Heavy Metal Mapping in Water, Coal & Fly-Ash Samples from Urjanchal (Singrauli) Area of Central<br>India              | SR/FTP/ES-6/213   | 22.04.2014         | 2460000    | Twenty four lakh Sixty thousand only                                 |  |
|         | 2014-15 | 17      | Dr. Shubhjit Roy<br>Chawdhary<br>Dr. SK Masakapali<br>Dr. Atul Dhar<br>Dr. Mohammad<br>Rajpurohit | MHRD   | Design Innovation Centre  | IITM/DIC-<br>Committee/86   | July,2014          | 13000000   | One crore Thirty lakh only   |  |
|         | 2014-15 | 18      | Dr. Pradeep Kumar   | DST-INSPIRE  | Physics of Electromagnos Dynamics Probed by Raman Scattering  | DST/INSPIRE Faculty<br>Award/2014/PH-107  | 26.08.2015         | 3500000    | Thirty five lakh only  |  |
|         | 3       | 2013-14 | 1   | Dr. Syed Abbas                                       | DST   | Study of Fractional order Differential Equations with Applications  | SR/FTP/MS-011/2013 | 01.10.2013 | 641000   | Six lakh Forty one thousand only                         |
|         |         | 2013-14 | 2   | PI: Dr. Chayahn Kanti<br>Nandi                       | DBT   | Molecular Chaperone's mediated protein folding using time resolved single molecule Forster resonance energy transfer              | BT/PR4067/BRB/10/1 | 30.12.2013 | 6958200  | Sixty nine lakh Fifty eight thousand<br>Two hundred only |
|         |         | 2013-14 | 3   | Dr. Bharat Singh<br>Rajpurohit                       | DST   | Development of Advanced/ Optimized control techniques of grid Connected Power Electronics Systems for<br>Renewable Energy Sources | SB/FTP/ETA-123/201 | 20.05.2013 | 2070000  | Twenty lakh Seventy thousand only                        |
|         |         | 2013-14 | 4   | PI: Dr. Vishal S. Chauhan<br>Co-PI: Dr. Rajeev Kumar | DST   | Electromagnetic Radiation Response of metals and alloys during Deformation at low temperature conditions                          | SB/FTP/ETA-170/201 | 22.05.2013 | 1840000  | Eighteen lakh Forty thousand only                        |
|         |         | 2013-14 | 5   | Dr. Rajendra Kumar Ray                               | DST   | Development of a class of higher order compact(HOC) Finite difference Scheme and its application to linear shear<br>flows         | SR/FTP/MS-030/201  | 14.02.2014 | 1332000  | Thirteen lakh thirty two thousand<br>only                |
| 2013-14 |         | 6       | Dr. Pooja<br>Co-PI: Dr. Pradeep C.<br>Parnameswaran   | DST  | Design and Synthesis of New Organic-Inorganic Hybrids: Bip-Evaluation as Cancer, Microbial and Inflammatory<br>Therapeutic Agents | SB/FT/CS-040/2013   | 20.05.2014         | 2370000    | Twenty three lakh Seventy thousand<br>only                           |  |
| 2013-14 |         | 7       | Dr. Rajeev Kumar  | DST  | Non-Linear Analysis of Piezolaminated Composite Structure   | SB/FTP/ETA-261/201  | 20.05.2013         | 306000     | Three lakh Six thousand only   |  |
| 2013-14 |         | 8       | Dr. Ramna Thakur<br>Dr. Rajeshwari Dutt   | DRDA   | Evaluation of MGNREGA in Mandi  | DRDA/NREGA/2013-  | 07.08.2013         | 149000     | One lakh forty nine thousand only                                    |  |



|                               |                          |
|-------------------------------|--------------------------|
| <b>Institute Name</b>         | <b>IIT MANDI</b>         |
| <b>India Rankings 2017 ID</b> | <b>IR17-ENGG-2-18639</b> |
| <b>Discipline</b>             | <b>ENGINEERING</b>       |

| Parameter | Details of Top Universities where your graduates have been admitted for higher studies |   |                                |   |   |                   |
|-----------|--|---|--------------------------------|---|---|-------------------|
|           | S.No.  | Name of the student of your institution | Graduating year of the student | PG/PhD program in where student has been admitted | Name of the top university/institutions | Year of admission |
| 3D.GTOP,  | 1  | Aarjav Malhotra                         | 2016                           | MS  | TU Delft                                | 2016              |
|           | 2  | Shivanshu Singh                         | 2014                           | PGDM  | IIM Lucknow                             | 2016              |
|           | 3  | Uday Mittal                             | 2013                           | MS  | University of California Irvine         | 2015              |
|           | 4  | Rohtaz Singh                            | 2014                           | MSc   | University of Alberta                   | 2014              |
|           | 5  | Tushar Dublish                          | 2014                           | MS  | Georgia Institute of Technology         | 2016              |
|           | 6  | K.Manohar                               | 2013                           | MSc   | Indian Institute of Management, Indore  | 2013              |
|           | 7  | Anurag Arora                            | 2013                           | MS  | National University of Singapore        | 2016              |

Note: Please enter data for students who have graduated in year 2015-16 from your institute and got admitted in PG/PhD program of a top institution  
2. Institutions ranked as top institutions in the following ranking bodies namely India Ranking 2016, QS World Ranking 2016, THE World University Ranking 2016.

| Institute Name   | IIT MANDI         |                           |  |                 |  |                   |
|--|-------------------|---------------------------|--|-----------------|--|-------------------|
| India Rankings 2017 ID   | IR17-ENGG-2-18639 |                           |  |                 |  |                   |
| Discipline   | ENGINEERING       |                           |  |                 |  |                   |
| Details of Top Universities from where students have enrolled in your institution to pursue higher studies |                   |                           |  |                 |  |                   |
| SD.PRCMP   | S.No.             | Name of student           | Name of top University/Institution from where student graduated  | Graduating year | Program enrolled in your institution(PG/PhD) | Year of admission |
|  | 1                 | Syamantak Khan            | IIT Kharagpur  | 2012            | PhD  | 2014              |
|  | 2                 | Hari Vansh Rai Mittal     | Panjab University  | 2010            | PhD  | 2011              |
|  | 3                 | Atendra Kumar             | IIT Delhi  | 2013            | PhD  | 2014              |
|  | 4                 | Saurabh Yadav             | Dr. B. R. Ambedkar National Institute of Technology, Jalandhar   | 2014            | PhD  | 2016              |
|  | 5                 | Shruti Kaushik            | Banasthali University, Rajasthan                                 | 2015            | PhD  | 2015              |
|  | 6                 | Preeti Gulia              | National Institute of Technology, Kurukshetra                    | 2014            | PhD  | 2015              |
|  | 7                 | Akash K Rao               | Manipal Institute of Technology/Manipal University               | 2015            | PhD  | 2015              |
|  | 8                 | Prateep Singh Sagara      | Sri Venkateswara University                                      | 2009            | PhD  | 2012              |
|  | 9                 | Vinayak Abrol             | Panjab University Chandigarh                                     | 2013            | PhD  | 2013              |
|  | 10                | Pulkit Sharma             | Panjab University  | 2012            | PhD  | 2012              |
|  | 11                | Jalim Singh               | Banaras Hindu University Varanasi                                | 2011            | PhD  | 2011              |
|  | 12                | Ashish Shirish Joshi      | IIT Mandi  | 2014            | PhD  | 2014              |
|  | 13                | Munmun                    | Delhi University ( Netaji Subhas Institute ofTechnology)         | 2009            | PhD  | 2015              |
|  | 13                | Aaqib Javed               | Jamia Millia Islamia   | 2015            | PhD  | 2016              |
|  | 15                | Mohammad Sultan Alam      | JNU, New Delhi   | 2012            | PhD  | 2014              |
|  | 16                | Vipin Kumar               | Jamia millia islamia   | 2013            | PhD  | 2016              |
|  | 17                | Mandeep Kr. Hooda         | Guru Jambheshwar University Science & Technology Hissar(Haryana) | 2011            | PhD  | 2013              |
|  | 18                | Shilpa Sharma             | Khalsa college, Guru Nanak Dev University                        | 2011            | PhD  | 2012              |
|  | 19                | Rajan Kumar               | NIT Jalandhar  | 2013            | PhD  | 2013              |
|  | 20                | Moumita Ganguly           | Delhi University   | 2014            | PhD  | 2015              |
|  | 21                | Nishith Mohan             | Birla Institute of Technology Mesra Ranchi-835215                | 2016            | PhD  | 2016              |
|  | 22                | Chandrasekhara Pratap G C | NIT silchar  | 2014            | PhD  | 2015              |
|  | 23                | Anindita Ghosh            | Delhi University   | 2012            | PhD  | 2014              |
|  | 24                | Amarjit Haty              | IIT Roorkee  | 2015            | PhD  | 2016              |
|  | 25                | Harsha Mathur             | UTTAR PRADESH TECHNICAL UNIVERSITY                               | 2014            | MS   | 2015              |
|  | 26                | Sarthak Nag               | NIT Hamirpur   | 2015            | MS   | 2015              |
|  | 27                | Prakash Pratik            | NIT Patna  | 2012            | MS   | 2015              |
|  | 28                | Shubham Biswas            | University of Delhi  | 2015            | MSc  | 2015              |
|  | 29                | Mohnish P.                | PSG College of Technology  | 2016            | MSc  | 2016              |
|  | 30                | Garima Dahiya             | University of Delhi  | 2016            | MSc  | 2016              |
|  | 31                | Sanjhal Jain              | Delhi University   | 2014            | MSc  | 2015              |
|  | 32                | Kush Kaushik              | Jamia Millia Islamia, New Delhi                                  | 2016            | MSc  | 2016              |
|  | 33                | Shubham Khansili          | university of delhi  | 2016            | MSc  | 2016              |
|  | 34                | Kamatam Venkata Koti      | NIT Jalandhar  | 2016            | MTech  | 2016              |

Note: 1. Please enter data for students who got admitted in the year 2015-16 in your institute PG/PhD program from top institution

2. Institutions ranked as top institutions in the following ranking bodies namely India Ranking 2016, QS World Ranking 2016, THE World University Ranking 2016.

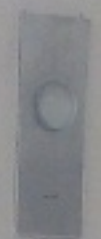


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• अगर कोई जानते हैं कि, कबल कबल का क  
• लिफ्ट चला नहीं जायेगी, तब ही जानने से  
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