

**INDIAN INSTITUTE OF TECHNOLOGY DELHI**  
**Industrial Research & Development Unit**

No.IITD/IRD/SURA-2017/ 141246

Dated: 26/02/2018

Office Memorandum

After technical evaluation by the concerned facilitator(s) and the committee(s) constituted by the Competent Authority, the following projects have been awarded to the students concerned under SURA-2017.

**Depts. of Computer Sc. & Engg. & Mathematics**

#	Title of the Project	Name of the Students	Entry No.	Name of the Project Facilitator
1	Improvising The Integrated Production Planning Model	Aasavari Dhananjay Kakne Aditi Narware Mathematics	2015MT10582 2015MT10586	Prof. Aparna Mehra Mathematics
2	Developing Algorithms for Obstacle Detection and Path Selection for Blind in Crowded Environments	Avaneep Gupta Sumeet Khandelwal Mathematics	2015MT10592 2015MT10615	Prof. Tapan Kumar Gandhi Elect. Engg.
3	Personalized Product Recommender System Based on User Reviews	Tarun Gupta Aakash Agarwal Mathematics	2015MT60568 2015CS10201	Prof. Dr. Niladri Chatterjee Mathematics
4	Knowledge Base Completion	Ashutosh Bindal Manjeet Kumar CSE	2015EE10730 2015CS10461	Prof. Maya Ramanath CSE
5	Time Series Analysis of Gravitational Waves Data	Avinash Kumar Mathematics Ishu jain Electrical	2015MT10319 2015EE30898	Prof. Prabhu Babu CARE
6	Video Description using Deep Learning	Suyash Agrawal Madhur Singhal CSE	2015CS10262 2015CS10235	Prof. Subhashis Banerjee CSE
7	Approximate Algorithms for Connected Facility Location Problem	Anuj Dhawan Praneeth Kacham CSE	2015CS10213 2015CS10600	Prof. Dr. Naveen Garg CSE
8	Consensus Clustering of Single Cell RNA Sequence Data	Vipin Rao Suman Kumar CSE	2015CS10267 2015CS10261	Prof. Amit Kumar CSE

**Department of Civil Engineering**

#	Title of the Project	Name of the Students	Entry No.	Name of the Project Facilitator
9	Assessment of Indoor Air Quality in an Urban Corridor - A case Study in Delhi City	Harman Singh Harsh Vardhan Singh Civil Engg.	2015CE10325 2015CE10326	Prof. Mukesh Khare Civil Engg.

802

10	A Tool for Calculating Total Evacuation Times for Academic Institutions	Sujit Kumar Killi Mohd Danish Civil Engg.	2015CE10332 2015CE10342	Prof. K. Ramachandra Rao Civil Engg.
11	Analysing Transfer Facility Attributes at Metro Stations in Delhi based on Various Trip Characteristics	Nikhil Chauhan Paras Bhaihora Civil Engg.	2015CE10350 2015CE10353	Dr. Geetam Tiwari Civil Engg.

### Department of Mechanical Engineering

#	Title of the Project	Name of the Students	Entry No.	Name of the Project Facilitator
12	Fabrication and Characterization of Liquid Cooling Vest	Ankit Jaipuria Mohd Babar Mech. Engg.	2015ME10634 2015ME10110	Dr. Supreet Singh Bahga Mech. Engg.
13	Development of an Aluminium – Air Battery	Paras Gupta Mech. Engg.	2015ME10354	Dr. Amit Gupta Mech. Engg.
14	Badminton Shuttle Dispenser	Sumit Mahlawat Shubham Singla Mech. Engg.	2015ME10390 2015ME10383	Prof. S.K. Saha Mech. Engg.

### Deptts. of Chemical Engineering and Textile Technology

#	Title of the Project	Name of the Students	Entry No.	Name of the Project Facilitator
15	Optical Diode using Liquid Crystal Polymer	Shubhika Jain Shalini Gupta Chemical Engg.	2015CH10385 2015CH10126	Prof. Rajesh Khanna Chemical Engg.
16	Preparation and Characterization of Catalyst for Syngas Conversion to Methanol	Surbhi Jain Suhani Agarwal Chemical Engg.	2015CH10945 2015CH70189	Prof. Kamal K. Pant Chemical Engg.
17	Numerical Simulation (using CFD) of the Flow Fields in CFI during Refolding of a Biotech Therapeutic	Abhiprai Misra Mukul Mittal Chemical Engg.	2015CH10073 2015CH70168	Prof. Anurag S. Rathore Chemical Engg.
18	Synthesizing and Studying Finite-Layer Graphene Supercapacitor	Sunint Khurana Vinayak Gupta Chemical Engg.	2015CH10137 2015CH10144	Dr. Anupam Shukla Chemical Engg.
19	Indoor Air Purifiers using Monoliths	Simar Kaur Mattewal Subhankar Dash Chemical Engg.	2015CH70187 2015CH10135	Prof. Shantanu Roy Chemical Engg.
20	Designing a Glove to Improve Motor Coordination in Kids Suffering from Cerebral Palsy	Sahil Kumar Kargwal Aman Agrawal Textile Tech.	2015TT10933 2015TT10865	Prof. Deepti Gupta Textile Tech.

82

## Deptts. of Electrical Engineering & Physics

#	Title of the Project	Name of the Students	Entry No.	Name of the Project Facilitator
21	Analysis and Optimization of Text Generating Models using a Combination of WordNet and Brown Corpus	Pranav Verma Varun Srivastava Elect. Engg.	2015EE30528 2015EE10835	Prof. Jayadeva Elect. Engg.
22	Application of Spin Hall Effect Driven Nanomagnetic Oscillator in High Density Low Power Wireless Communication Systems	Himanshu Rohilla Apoorv Pandey Elect. Engg.	2015EE10451 2015EE10439	Dr. Debanjan Bhowmik Elect. Engg.
23	Trajectory Tracking Control of a Quadrotor System using Localised Positioning System	Sarthak Jain Kuldeep Meena Elect. Engg.	2015EE10472 2015EE10457	Dr. Shubhendu Bhasin Elect. Engg.
24	Neuromorphic Hardware Implementation for Intelligent Application	Narayani Bhatia Shridu Verma Elect. Engg.	2015EE10045 2015EE10477	Dr. Manan Suri Elect. Engg.
25	Depth Perception using Auditory System: Seeing the World Through Ears	Nimish Goel Rajan Goyal Elect. Engg.	2015EE10463 2015EE10465	Dr. Brejesh Lall Elect. Engg.
26	Automated Lighting Control and Occupancy Detection in Classrooms	Saskhi Jain Elect. Engg.	2015EE10471	Prof. Seshan Srirangarajan Elect. Engg.
27	Transmission Characteristics of Chiral Nanostructures Embedded waveguides	Aditya Tripathi Physics	2015PH10784	Dr. Sunil Kumar Physics

The concerned students can collect the final payment from IRD (Accounts). However, award certificates will be released only on certification by the students through their facilitators that all bills related to their SURA projects have been settled.

  
(V.K. Vashistha)  
Assistant Registrar (IRD)

### DISTRIBUTION

1. Concerned students through project facilitator
2. Assistant Registrar IRD Accounts

CC: Assoc. Dean (R&D)

