

Promotion of Research and Innovation for Undergraduate Students (PRIUS)									
S. No.	Students Details		Project Title	Supervisors at IIT Indore		Duration		Financial Support Required	Approval accorded for Financial Support
	Name	Roll No.		Supervisor	Co-Supervisor	Start Date	End Date		
1	Ankit Kumar Verma	1100304	High Energy Physics	Dr. Raghunath Sahoo	NA	Total 11 weeks		Rs 2,20,820/-	Rs 65,000/-
	Eshan Yash Sharma	1100212				5/16/2014 to July 29, 2014 in CERN, August 1, 2014 to November	Rs 65,000/-		
2	M. Mounika Reddy	1100320	Investigation on Resource Allocation Algorithms for Green Cellular Networks	Dr. Prabhat Kumar Upadhyay	NA	13-May-14	14-Nov-14	Rs 1,10,000/-	Rs 50,000/-
3	Prasad Kulkarni	1100323	Automation of Abrasive Jet Machine Setup	Dr. N. K. Jain	Dr. I. A. Palani	5-May-14	1-Dec-14	Rs 1,00,000/-	Rs 1,00,000/-
	Devkant Singh	1100314							
	Pratik Bagal	1100307							
4	Dharmpal Meena	1100209	Designing Water Flow Controller for Dual Ion Beam Sputtering Deposition (DIBSD) Facility	Dr. Shaibal Mukherjee	NA	14-Jun-14	14-Dec-14	Rs 60,000/-	Rs 50,000/-
	Jitendra Kumar	1100217							
5	Himanshu Singh	1100317	Design and Development of 3/2 Shape Memory Alloy (SMA) actuated Directional Control Valve (DVC)	Dr. I. A. Palani	Dr. B. K. Lad	26-May-14	November, 2014	Rs 98,000/-	Rs 98,000/-
	Pratik Juikar	1100318							
6	Anirudh Tunga	1200305	Design and Development of a7 - DOF Manipulator	Dr. M. Santhakumar	NA	19-Jan-15	18-Jul-15	Rs 2,00,000/-	Rs 2,00,000/-
	Vikram Katti	1200335							
7	Gaurav Gupta	1200314	Design and Development of a Lower Limb Rehabilitation Robot	Dr. M. Santhakumar	NA	16-Mar-15	15-Sep-15	Rs 2,48,000/-	Rs 2,48,000/-
	Chitransh Saxena	1200311							
8	Anmol Srivastava	1200306	Design and Development of highly efficient wave energy converter (WEC)	Dr. I. A. Palani	NA	May, 2015	November, 2015	Rs 1,19,750/-	Rs 1,19,750/-
	Avula Agasthya	1200309							
9	Ayush Jain	1200310	Design and Development of Inverted Stewart Platform for 3-D Printing & Micro-Machining	Dr. I. A. Palani	NA	20-May-15	November, 2015	Rs 1,10,000/-	Rs 1,10,000/-
	Abhinav Saini	1200301							
10	Vishal Jain	1200337	Design and Development of a bio-mimetic robotic fish using smart materials	Dr. I. A. Palani	NA	6-May-15	November, 2015	Rs 1,05,000/-	Rs 1,05,000/-
	Sahil Mittal	1200329							
	Akshay Shewatkar	1200304							
11	Manchala Srilakshmi	1200320	Ultrasonic Machining (USM) Device - Design and Fabrication	Dr. Neelesh Kumar Jain Dr. I. A. Palani	NA	5-May-15	30-Nov-15	Rs 1,13,000/-	Rs 1,13,000/-
	Mayank Kumar Uprawal	1200321							
	Pankaj Kumar	1200325							
12	Vikas Raunak	1200137	Performance Evaluation of Congestion Control Algorithms for Multimedia Applications	Dr. Neminath Hubballi	NA	10-Aug-15	10-Feb-16	Rs 2,00,000/-	Rs 2,00,000/-
13	B Krishna Chaitanya	1200206	A protocol to manage and control IoT enabled devices via smartphones	Dr. Gourinath Banda	NA	1-May-15		Rs 1,50,000/-	Rs 1,50,000/-
14	Harsh Mohan	1200315	A protocol to manage and control IoT enabled devices via smartphones	Dr. Gourinath Banda	NA	1-May-15		Rs 1,50,000/-	Rs 1,50,000/-
15	Namita Agrawal	1200323	Development of a "machine cyber-operating unit" for smart manufacturing planning	Dr. Bhupesh K. Lad	NA	10-Oct-15	10-Apr-16	Rs 60,000/-	Rs 60,000/-
	Miroojin Bakshi	1200105							
16	Singdh Mohan Singh	130003035	Diffusion Emission from Galaxy Clusters with the Square Kilometer Array (SKA)	Dr. Abhirup Datta	Dr. Siddharth S. Malu	10-Feb-16	9-Feb-17	Rs 2,00,000/-	Rs 2,00,000/-
17	Aniket Tiwari	150002006	Design of a roomtemperature receiver for medium-frequency (1420MHz) communication and radio Astronomy	Dr. Siddharth S. Malu	Dr. Abhirup Datta	28-Apr-16	30-Sep-17 (extendable depending on progress)	Rs 4,90,000/-	Rs 4,90,000/-
	K. Dasarath	150003015							
18	Akash Kumar Jain	130003005	Design and development of Shape memory alloy actuated micro-flapper for micro aerial robot	Dr. I. A. Palani	NA	May, 2016	November, 2016	Rs 1,00,000/-	Rs 1,00,000/-
	Aniket Jadhav	130003018							
	Gourav Karmarkar	130003019							

19	Abhijeet Patil	130003027	Design and development of Peristaltic Meshworm soft robot using shape memory alloys as actuators	Dr. I. A. Palani	NA	May, 2016	November, 2016	Rs 1,00,000/-	Rs 1,00,000/-
	Pratik Patil	130003028							
	Harsh Sharma	130003017							
20	Chandankumar	130003013	Shape Memory Alloy Bimorph based micro circuit breaker for transformer oil temperature sensing	Dr. I. A. Palani	Dr. B. K. Lad	May, 2016	November, 2016	Rs 1,10,000/-	Rs 1,10,000/-
	Parikshit Gaur	130003026							
21	Akarsh Kumar Jain	130003004	Actively Controlled Adaptive Shape Memory Alloy based Smart Blades for Wind Turbines	Dr. I. A. Palani	Dr. M. Anbarasu	May, 2016	November, 2016	Rs 1,20,000/-	Rs 1,20,000/-
	Ezaj Ahmed	130003014							
	Samyak Jain	130003033							
22	Ashok Kumar	130003010	Design and Development of Dip coater for coating thin films	Dr. I. A. Palani	Dr. Vipul Singh	May, 2016	November, 2016	Rs 70,000/-	Rs 70,000/-
	Ashutosh Lenka	130003021							
	Ramesh Kumar Nagar	130003032							
23	Mergu Surya Teja	130002022	Design and Development of Oleds	Dr. Vipul Singh	NA	May 8, 2016	31-Dec-16	Rs 1,25,000/-	Rs 50,000/-
24	Ayush Pandey	130003012	Printing of semiconductor and polymers on flexible polyimide substrate, compatible to roll to roll electronic device printing technology	Dr. I. A. Palani	Dr. Vipul Singh	May, 2016	November, 2016	Rs 1,10,000/-	Rs 1,10,000/-
25	Mohini Phulwalkar	140003026	Smart Neck Collar	Dr. I. A. Palani	NA	July, 2016	December, 2016	Rs 1,20,000/-	Rs 1,20,000/-
26	Kalyan Garigapati	140001011	Radio Frequency Interference (RFI) - Detection and Mitigation	Dr. Abhirup Datta	Dr. Abhishek Srivastava	1-Sep-16	31-Aug-17	Rs 2,00,000/-	NIL
27	Deepesh Gothwal	130002011	Confronting India's Ubiquitous Drinking Water Scarcity: A Comparative Study of Water Governance in Rajasthan and Meghalaya	Dr. Neeraj Mishra	NA	May-16	Nov-16	Rs 75,000/-	Rs 75,000/-
28	Ruchir Garg	140001028	Recycling of Krylov Subspaces for Model Reduction on GPUs	Dr. Kapil Ahuja	NA	1-Mar-17	31-Aug-17	Rs 75,000/-	Rs 75,000/-
29	Mayank Bambal	150003019	Design and Development of Smart Material Coated Optical Fiber Reinforced Internet of Things Enabled (IoT) Soft Prosthetic Hand and thereof	Dr. I. A. Palani	NA	July, 2017	June, 2018	Rs 1,40,000/-	Rs 1,40,000/-
	Naveen P. George	150003021							
	Vinod Dawar	150003038							
30	Avadhoot P. Sinkar	160003053	Design and development of tower climbing hexapod with shape memory alloy (SMA) actuated suction grippers	Dr. I. A. Palani	NA	July, 2017	July, 2018	Rs 1,20,000/-	Rs 1,20,000
	Chaitnya M. Mehta	160003028							
	Aditya Pandey	160003004							
31	Rohit Gupta	140002027	Growth and Optimisation of TiO2 nanostructures and study its application as a photodiode	Dr. Vipul Singh	NA	15-Jul-17	14-Jan-18	Rs 60,000/-	Rs 60,000/-
32	Mainampativenkatcharan Reddy	140003020	Design and development of Auxetic material for Defense applications such as in bullet proof vests, blast curtains etc.	Dr. I. A. Palani	NA	June, 2017	December, 2017	Rs 1,00,000/-	Rs 1,00,000/-
	Phulwalkar Mohini Shiv	140003026							
	Ravilla Sunil	140003029							
33	Abhishek Kumar	140003001	Design and development of passive controlled self-energy intelligent and synchronised dual axis solar tracker	Dr. I. A. Palani	NA	May, 2017	November, 2017	Rs 1,35,000/-	Rs 1,35,000/-
	Ishan Meshram	140003018							
	Rohan Rathore	140003031							
34	Md. Fayaz Ahmed	150002021	Design and development Smart Fiber Optic Network Switching Device using Shape Memory Alloy	Dr. I. A. Palani	NA	July, 2017	December, 2017	Rs 1,00,000/-	Rs 1,00,000/-
	Mayur D Chopda	150002013							
	Kishan Narigara	150002022							
35	Anurag Sharma	160003008	Design and Development of Smart Pendulum using Controlled Actuation of Shape Memory Materials	Dr. I. A. Palani	NA	September, 2017	September, 2018	Rs 1,40,000/-	Rs 1,40,000/-
	Aagam Shah	160003046							
	Anmol Kasera	160003007							
	Solar Singh Rajput	140003034							

36	Subham Shaurav	140003035	Design and Fabrication of an Economic Electric Wheelchair with Standing Mechanism for in-campus use	. Shanmugam Dhinakar	NA	October, 2017	April, 2018	Rs 77, 500/-	Rs 77, 500/-
	Varun Solomon	140003037							
	Sushant Saxena	150002038							
	Jaskaran Sodhi	160003022							
37	Abhijeet Singh Tomar	160005002	Futuristic Dielectric Resonator Antennae (DRA) with high dielectric constants: A new dimension to signal detection	Dr. Somaditya Sen	Dr. Siddharth S. Malu Dr. Abhirup Datta	October, 2017	October, 2019	Rs 95, 000/-	Rs 95, 000/-
	Yash Rajesh Shinde	160005040							
	Indraneel Deshpande	160005010							