



IMS ENGINEERING COLLEGE

3.1.1 Grants received from Government and non-governmental agencies for research projects, endowments, Chairs in the institution during the last five years (INR in Lakhs)

3.1.3 Percentage of departments having Research projects funded by government and non government agencies during the last five years.

S.No	Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/non-Government)
1	Ambient Air Quality Monitoring at Two Stations In Hapur City	Dr. Neetu Goyal (PI) Dr. Narendra Kumar (Co-PI)	Biotechnology	2016	Rs.-8,72,000/- (Annual)	5 Years (Year 1)	U P Pollution Control Board, Lucknow	Government
2	Awareness Programme on Intellectual Property Rights (IPR) of Micro, Small & Medium Enterprise (Handloom & Powerloom Industry)	Dr. S. N. Rajan	IT	2016	One Lakh	One Year	NMCP Scheme of DC-MSME	Government
3	Ambient Air Quality Monitoring at Two Stations In Hapur City	Dr. Neetu Goyal (PI) Dr. Narendra Kumar (Co-PI)	Biotechnology	2017	Rs.-8,72,000/- (Annual)	5 Years (Year 2)	U.P. Pollution Control Board, Lucknow	Government
4	Smart Blind walker stick	Dr. Pankaj Agarwal	CSE	2017	Rs 16,000/-	6 months	CST,UP	Government
5	Research Project titled "A Multipurpose Drone" under Visvesaraya Research Promotion Scheme	Mr. Mukesh Kumar & Dr. Pankaj Agarwal	CSE	2017	Rs 430000	2 years	AKTU, Lucknow,U.P	Non Government
6	Creation of Water From Air	Dr. V.K. Saini	Mechanical Engineering	2017	20000/-	6 Month	CST, UP Engineering Student's Project Grant Scheme 2017-18	Government
7	Ambient Air Quality Monitoring at Two Stations In Hapur City	Dr. Neetu Goyal (PI) Dr. Narendra Kumar (Co-PI)	Biotechnology	2018	Rs.-8,72,000/- (Annual)	5 Years (Year 3)	U.P. Pollution Control Board, Lucknow	Government
8	Detection of Sunflower leaf diseases using image segmentation and soft computing techniques"	Mr. Vijai Singh	CSE	2018	Rs 186000	2 years	AKTU, Lucknow,U.P	Non Government
9	Cabriolet Vechi-EEE	Ms. Sulekha Saxena	EN	2018	20000/-	1 Year	CST-UP Engineering Students Project Grant Scheme	Government
10	Mars Rover	Mr. Abhishek Gupta	EN	2018	12000/-	1 Year	Kalam Centre AKTU, Lucknow	Government


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11	Rat, A Surveillance Robot	Dr. V.K. Saini	Mechanical Engineering	2018	20000/-	6 Month	DRDO Robotics and Unmanned Systems Exposition	Government
12	Post harvest crop management system using IOT and AI	Ms. Shruti Keshri	CSE	2018	1.25 lakh	6 months	Smart Odisha Hackathon 2018	Non Government
13	Ambient Air Quality Monitoring at Two Stations In Hapur City	Dr. Neetu Goyal (PI) Dr. Narendra Kumar (Co-PI)	Biotechnology	2019	Rs.-8,72,000/- (Annual)	5 Years (Year 4)	U.P. Pollution Control Board, Lucknow	Government
14	Cloning and characterization of PfSEA-1 antigen of <i>Plasmodium faciparum</i> as vaccine candidate	Dr. Meghna Singh (PI)	Biotechnology	2019	18,00,000/-	3 Years	DST-SERB under TARE Scheme	Government
15	Prediction and analysis of Air Pollution level using Machine Learning	Sapna Yadav	CSE	2019	Rs 20,000	6 months	CST,UP	Government
16	Design and Analysis of MIMO Antenna with Incorporation of Substrate Integrated Waveguide	Dr R N. BARAL	Electronics & Communication Engineering	2019	3,00,000	One Year	CRIP (TEQIP-III) Dr. A. P. J. Abdul Kalam Technical University, Lucknow (Uttar Pradesh State Technical University)	Government
17	Ambient Air Quality Monitoring at Two Stations In Hapur City	Dr. Neetu Goyal (PI) Dr. Narendra Kumar (Co-PI)	Biotechnology	2020	Rs -8,72,000/- (Annual)	5 Years (Year 5)	U P Pollution Control Board, Lucknow	Government

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