

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

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)
Ambient Air Quality Monitoring at Two Stations In Hapur City	Dr. Narendra Kumar (Co- PI)	Biotechnology	2015	Rs.-8,72,000/- (Annual)	3 Year Completed	U.P. Pollution Control Board, Lucknow	Government
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
Smart Blind walker stick	Dr. Pankaj Agarwal	CSE	2017	Rs 16,000/-	6 months	CST,UP	Government
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
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
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
Cabriolet Vechi-EEE	Ms. Sulekha Saxena	EN	2018	20000/-	1 Year	CST-UP Engineering Students Project Grant Scheme	Government
Mars Rover	Mr. Abhishek Gupta	EN	2018	12000/-	1 Year	Kalam Centre AKTU, Lucknow	Government

Rat, A Surveillance Robot	Dr. V.K. Saini	Mechanical Engineering	2018	20000/-	6 Month	DRDO Robotics and Unmanned Systems Exposition (DRUSE)	Government
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	DST-SERB under TARE Scheme	Government
Prediction and analysis of Air Pollution level using Machine Learning	Sapna Yadav	CSE	2019	Rs 20,000	6 months	CST,UP	Government
Post harvest crop management system using IOT and AI	Ms. Shruti Keshri	CSE	2019	1.25 lakh	6 months	Smart Odisha Hackathon 2018	Non Government
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