

## **Sponsored Research Project Details**

<b>Sr. No.</b>	<b>Name of the Investigators</b>	<b>Title of the project and duration</b>	<b>Amount sanctioned in Rs. Lacs</b>	<b>Funding Agency</b>
1	Prof.Sakshi Kaushal	Development of Unified IP based communication platform for voice, video, chatting, sensors applications	60	MeitY, India
2	Prof. Sarbjeet Singh, Prof. Sakshi Kaushal, Prof. Harish Kumar, Dr. Akashdeep	Development of 4G/5G based UAV Augmented Intelligent Monitoring and Surveillance System 3 Years (2019 - 2022)	182	CC&BT, Ministry of Electronics and IT, New Delhi
3	Prof. Harish Kumar, Dr. Akashdeep, Prof. Sakshi Kaushal, Dr. Preeti Aggarwal, Dr. Mukesh Kumar	Multi-Modal Framework for Monitoring Active Fire Locations (AFL) and Precision in Allied Agricultural Activities using Communication Technologies 2 Years (2020-2022)	81.25	CC&BT, Ministry of Electronics and IT, New Delhi
4	Dr. Vishal Gupta, Dr. Akashdeep	Machine learning based sentiment analysis for multiple domains 2 years(ongoing)	4.89	King Abdulaziz Univ,Saudi Arabia
5	Dr. Vishal Gupta	A novel keyword extraction techniquefor data analysis 9 months (ongoing)	2.44	King Abdulaziz Univ,Saudi Arabia
6	Dr. Vishal Gupta, Dr. Mamta Juneja	Predicting twitter news trend analysisusing deep learning 2 years (ongoing)	4.89	King Abdulaziz Univ,Saudi Arabia
7	Dr. Mamta Juneja	Design Innovation Centre: Subtheme: Medical Devices and Restorative Technologies 2015-2021	175	MHRD
8	Dr. Akashdeep, Dr. Mukesh Kumar, ProfHarish Kumar	Design of Monitoring and Surveillance System for Active Fire Locations	5.5	Department of Agriculture and FarmersWelfare Government of Haryana
9	Dr. Mukesh Kumar, Prof. Sakshi Kaushal, Prof. Harish Kumar, Dr. Akashdeep Sharma	Capacity Building and Research Entrepreneurship Centre in Artificial Intelligence, Big Data and IoT	72.94	Meity, Govt. of India
10	Dr. Mukesh Kumar, Dr. Makhan Singh	Avalanche Prediction	9.93	SASE Lab, DRDO
11	Dr. Mukesh Kumar	Heritage Buildings' Health Monitoring using Machine Learning	1	DST, Chandigarh
12	Dr. Nirmal Jaur , Prof Naveen Aggarwal	Cyber Security-Challenges under Cyber Space Specially for women users- Investigating Cyber Initiated Crimes against Women Users in the Punjab	14.2	NCW, Delhi
13	Akashdeep, Manisha Kaushal, Baljeet Singh	Generative Adversarial Network (GANs) for unmasking blurred andcovered faces	10.61	AICTE, New Delhi
14	Dr. Vishal Gupta	An Unsupervised language independenttext stemmer for information retrieval 9months (Completed) (Jan- Oct 2019)	2,44,000	King Abdulaziz Univ,Saudi Arabia
15	Dr. Mukesh Kumar	Skill and Personality Development Programme Centre for SC/ST Students	23,35,000	AICTE, New Delhi
16	Dr Mamta Juneja	Designing of craniofacial implantsusing clinically relevant materials	08 Lacs	Nottingham Trent University UK- Panjab University India (NTUPU) Partnership R& D projects]
17	Prof Sukhwinder Singh	Novel Computational Tools to Assess ADHD in Young Adults	8.5 Lacs	Nottingham Trent University UK- Panjab University India (NTUPU) Partnership R& D projects]