List of Projects for 2025-2026

Name of the Scheme/Project/ Endowments/ Chairs	Name of the Principal Investigator/ Co Investigator (if applicable)	Name of the Funding agency	Type (Government/Non-Government)	Department	Year of Award	Funds provided (INR in lakhs)	Duration of the project	Links
Application of Machine Learning for Hyperspectral Imaging and Remote Sensing aimed at Early Detection of Fungal Foliar Diseases and Bacterial Wilt Disease in Potato Crop	Prof Amit Prakash Singh (PI), Dr. Anuradha Chug (Co-PI)	DBT, Ministry of Science & Technology	Government	USICT	2027	69.9832 lakhs	24 January 2024-24th Januart 2027	https://drive.google.com/file/d/1_87DMbsIj7rIEZOX5KTOFPeCrzTvctHO/view?usp=sharing
Application of Internet of Things (IoT) in Agriculture Sector	Prof Amit Prakash Singh (PI), Dr. Anuradha Chug (Co-PI)	DST	Government	USICT	2027	30.5186 lakhs	18th jan 2024-18th jan 2027	https://drive.google.com/file/d/1oDkeLMyB_3zWuw6OMSfmO3O0-AIrSFY-/view?usp=sharing
Spray Prediction Model for Aonla Rust Disease Using Machine Learning Techniques	Prof. Amit Prakash Singh, Professor, USICT Prof. Anuradha Chug, Professor, USICT Prof. Udayan Ghose, Dean, USICT	Acharya Narendra Deva University of Agriculture and Technology (ANDUAT), Ayodhya ICAR-Central Institute for Arid Horticulture (CIAH), Bikaner ICAR-Indian Agricultu	Government	USICT	2026		1 year	https://drive.google.com/file/d/1_Y2S92C8otJ6YMocavrSgyo3v7DYVlBj/view?usp=sharing

		ral Research Institute (IARI), New Delhi						
Development of Artificial Intelligence-based tool for Automated 2D-3D Comparison of Smile Photographs with Digital Dental Casts	Prof. Mahesh Verma(PI), Prof. Amit Prakash(Co-PI), Dr. Ruchi Sehrawat(Co-PI)	DST	GOVernment	USICT	Aug 2023-Aug 2026	65 Lakhs	3 years	
AICTE-IDEA LAB	a)Prof. Amit Prakash (Chief Mentor) b)Dr. Ruchi Sehrawat (Faculty Coordinator) c)Dr. Manoj Satyarthi (Faculty Co-Coordinator)	AICTE	GOVernment	USICT	2021-2026	110.68 Lakhs	5 years	
Visvesvaraya PhD Scheme	Vandana Nath (Nodal Officer)	Ministry of Electronics & IT (MeitY)	Government	USICT	2025	79.62400 lakhs	2025-2030 (5 years)	
Dr. Chakresh Kumar	Dr. Chakresh Kumar	Faculty Research Grant Scheme	GGSIPU	USICT	2024 – 2025	0.99	2024–2025	

Total Number of Projects: 7