

**Department of Electrical Engineering
Jamia Millia Islamia
New Delhi**

List of Completed and Ongoing R&D Projects during Last four Academic Years

Year	Title of the Project	Name of Principal Investigator	Funding Agency	Amount Sanctioned in INR (lakhs)	Project Duration
CAY (2018-19)	Resiliency and reliability of a renewable based power electronics based power system	1. Dr. Ahteshamul Haque 2. Prof. Z. A. Jaffery	MHRD under SPARC scheme	94.519	2019 - 2021
	IEC 61850 compliant SF6 monitoring system for Gas Insulated Switchgear	Prof. Tarikul Islam	CPRI, Bangalore	48.00	2018 - 2020
CAYm1 (2017-18)	Vision Based expert system for picking of cotton	Prof. Munna Khan	Centre for Precision & Conservation Farming Machinery, CSIR	2.50	2017 - 2018
	Fabrication and investigation of electrical characteristics of Sol-Gel Thin Film Metal oxide Surface Acoustic Wave Humidity Sensor	Prof. Tarikul Islam	DRDO, New Delhi	28.64	2017 - 2020
CAYm2 (2016-17)	Vision Based expert system for picking of cotton	Prof. Munna Khan	Centre for Precision & Conservation Farming Machinery, CSIR	5.00	2016 - 2017
	DIST FIST Project	Dr. Ikbal Ali	DST, New Delhi	193.00	2016 - 2021
	Hybrid Energy Absorbing System with Intelligent Control	Dr. Arunesh Kumar Singh	Science and Engineering Research Board (SERB)	5.50	2016 - 2017

CAYm3 (2015-16)	Vision Based expert system for picking of cotton	Prof. Munna Khan	Centre for Precision & Conservation Farming Machinery, CSIR	7.00	2015 - 2016
	Development of novel, efficient and cost effective power electronics based single phase system to convert Solar Energy from solar PV to Electric Energy	Dr. Ahteshamul Haque	MNRE	106.31	2014 - 2017
	Design and performance evaluation of communication architecture requirements for substation automation system	Dr. Ikbali Ali	RPS AICTE	10.00	2014 - 2016
	Visual Inspection System for railroad tracks	Prof. Z. A. Jaffery	UGC	14.358	2013 - 2017
	Development & Implementation of nature inspired optimization in AGC interconnected power systems with paralleled AC/DC links	Prof. Naimul Hasan	UGC	12.46	2013 -2017
	Special Assistance Programme - DEPARTMENTAL RESEARCH SUPPORT (DRS) Phase II	Prof. Mini. S. Thomas	UGC	44.76	2013 - 2018
Total Amount in INR (Lakhs)				572.047	