

## Completed Research Projects

Title of the project	Name of Faculty Member and its Role	Scheme, Funding Agency and Amount of the Grant	Year of Completion
Development of Intelligent Protection Scheme for Transmission Systems	<b>Prof. Majid Jamil</b> Principal Investigator	RPS AICTE Grant: Rs. 8.24 L	2009
Adaptive and Intelligent Control of Integrated Power System	<b>Prof. Mini.S. Thomas</b> Principal Investigator	TAPTEC by AICTE Grant: Rs. 19.00 L	
Modelling of railway Traction line and a Fuzzy logic based Protection Scheme	<b>Prof. Mini. S. Thomas</b> Coordinator	Career Award by AICTE Grant: Rs. 12.00 L	
Development of Intelligent Protection schemes for Power Transmission system	<b>Prof. Mini. S. Thomas</b> Coordinator	RPS by AICTE Grant: Rs. 10.59 L	
Development of Intelligent Communication for security and surveillance of Substation	<b>Prof. Mini. S. Thomas</b> Coordinator	Major Project by UGC Grant: Rs. 03.43 L	
Power System Automation	<b>Prof. Mini.S. Thomas</b> Principal Investigator	SAP DRS(II) by UGC Grant: Rs. 50.50 L	2012
Development of an Autonomous Miniature Unmanned Aerial Vehicle (UAV) as Disaster Management tool	<b>Prof. Ibraheem</b> Co-Principal Investigator	Major Project by UGC Grant: Rs. 10.482 L	2011
Modernisation of Basic Electronics Lab	<b>Prof. Ibrahim</b> Principal Investigator	AICTE Grant: Rs. 10.00 L	2003
Hierarchical Fuzzy Control system for industrial Automation	<b>Prof. A. Q Ansari</b> Co-Principal Investigator	TAPTEC Project, AICTE Grant: Rs. 12.00 L	1999
Fuzzy decision Support system for Metropolitan Traffic Control	<b>Prof. A. Q Ansari</b> Principal Investigator	R & D, AICTE Grant: Rs. 10.00 L	2005
The modernization of “Fundamentals of Electrical Engineering” Laboratory	<b>Prof Anwar Shahzad Siddiqui</b> Principal Investigator	MHRD Grant: Rs. 5.00 L	
Stabilities of Modulated phases in Nanocrystals	<b>Prof. S.A. Khan</b> CO-principal Investigator	KACST	2011
Development of UAV as a Disaster Management Tool	<b>Prof. Shahida Khatoon</b> Principal Investigator	UGC	2011

Pore morphology studies of porous silicon to measure content in dry gas in ppm V to ppb V	<b>Prof. Tarikul Islam</b> Principal Investigator	DST Grant: Rs. 40.00 L	
Development of Intelligent Communication network for Substation Automation	<b>Dr. Shabana Mehfuz</b> Co-Principal Investigator	Major Research Project by UGC Grant: Rs. 3.43 L	2010
Development of Intelligent Wireless Sensor Network for Substation Automation	<b>Dr. Shabana Mehfuz</b> Co-Principal Investigator	RPS by AICTE Grant: Rs. 1.059 L	2009