



Department of Computer Science & Engineering

Department of Computer Science & Engineering Information of Research Projects (w.e.f. from January 2019)

Name of PI/Co-PI	Project Title	Year Sanctioned /Submitted	Grant	Funding Agency	Status	Outcome
Mr. Rayees A. Dar Dr. Assif Assad	Early Detection of Alzheimer's Disease using Deep Learning	Submitted: 2021	16,08,000 INR	MHRD (AICTE-NPIU CRS)	Completed	2 Papers under review
Mr. Rayees A. Dar Dr. Assif Assad	Development and Deployment of Deep Learning-based Rice Seed Classifier	Submitted: 2021	2,00,000 INR	TEQIP – III (IUST) Seed grant	Completed	Public Data Set and Paper under Review
Dr. Assif Assad Mr. Rayees A. Dar	Deep Learning based Algorithms for detection of Breast Cancer utilizing histopathological images	Submitted: 2021	2,00,000 INR	TEQIP – III (IUST) Seed grant	Completed	Paper under Review
Dr. Riaz Khan Mr. Sajaad A.Lone	Biometric Based QR Codes for Document Security	Submitted: 2021	2,00,000 INR	TEQIP – III (IUST) Seed grant	Completed	Paper Published in SCI Journal
Dr. Sahil Sholla Dr. Adil Bashir	Context aware security for the internet of Things	Submitted: 2021	2,00,000 INR	TEQIP – III (IUST) Seed grant	Completed	2 Papers Published



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Ms.Nailah Afshan Mr. Mujtiba Hussain	Video Summarisation	Sanctioned: 2019	2,00,000 INR	TEQIP – III (IUST) Seed grant	Discontinued	N/A
Dr. Khalid Pandit Dr. Shoab A.Banday (Dept of E&C, IUST)	Adaptive Deep Neural Networks for Internet of things	Submitted 2021	2,00,000 INR	TEQIP – III (IUST) Seed grant	Completed	Published Paper in ESCI Journal
Dr.Khalid Pandit Dr. Assif Assad	Spiking Neural networks-based computation model for IoT	Sanctioned 2021	11,37000 INR	MHRD (AICTE-NPIU CRS)	Completed	Paper published in IEEE Transactions
Mr. Idrees Afzal Dr. Adil Bashir	Security Framework for Cloud IoT	Sanctioned 2021	14,90,000	MHRD (AICTE-NPIU CRS)	Completed	2 Papers Published One conference Paper published
Dr. Adil Bashir Dr. Sahil Sholla	Secure Communication Architecture for Cloud IoT	Sanctioned 2021	2,00,000 INR	TEQIP – III (IUST) Seed grant	Completed	2 Journal Paper Published
Dr. Asif A. Banka Dr. Anees Fatima, Dr. Asiya Nazir	An Approach to Model Covid-19 outbreak	Sanctioned 2021	10.00 Lac	JKDST	Ongoing/Yet to receive funds	-
Mr. Idrees Afzal Dr. Assif Assad	Learning Drug Associations using Convolution Neural Network	Sanctioned 2021	10.00 Lac	JKDST	Ongoing/Yet to receive funds	-



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Dr. Riaz A.Khan Prof. A.H. Moon Mr. Sajaad A.Lone Dr. Saba Mushtaq	Lightweight Security Mechanism for IoT Based Healthcare System	Sanctioned 2021	10.00 Lac	JKDST	Ongoing/Yet to receive funds	-
Dr. Assif Assad Mr. Rayees A.Dar	Using Longitudinal data for Early Detection and progress Monitoring of Alzheimer's Disease	Sanctioned 2021	10.00 Lac	JKDST	Ongoing/Yet to receive funds	-
Dr. Ahsan Hussain Dr.Syed Zubair Ahmed Shah	Block Chain University: An immutable e-Learning Assessment platform using Block Chain	Sanctioned 2021	3.00 Lac	JKDST	Ongoing/Yet to receive funds	-
Mr. Rayees A. Dar Dr. Assif Assad	Early Detection of Alzheimer's Disease using Deep Learning	Submitted: 2021	16,08,000 INR	MHRD (AICTE-NPIU CRS)	Completed	2 Papers under review
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