



**NATIONAL INSTITUTE OF TECHNOLOGY TRICHIRAPPALLI- 620015
DEAN INSTITUTE DEVELOPMENT**

List of Candidates selected for JRF and PA under SCSP/TSP /PwD Scheme—Project title wise list

Fuzzy Based Sentence Level Event Pattern Analysis and Prediction for Crime Event Detection	
JRF	
1	J.Sheela
2	A.Swaminathan
PA	
1	M.SaravanaMathan
Deciphering the Dynamic Architecture Design from Music, and Developing the Application Software	
JRF	
1	S.Yoga
Development of New Polymeric Membranes for Ethanol Separation by Air Gap Membrane Distillation	
JRF	
1	S. Sujithra
PA	
1	K.Venkatesh
Recovery of High Value Added Globular Proteins from Shrimp Waste Using Aqueous Two Phase System	
JRF	
1	P.Saravana Pandian
Experimental Studies and Numerical Simulations on Micro Joining of Shape Memory Alloys (NITINOL)	
JRF	
1	T.Deepan Bharathi Kannan

Artificial Intelligence Heuristics for a Class of Combinatorial Optimization Problems	
JRF	
1	Sonu Rajak
Investigation of Industrial & Domestic Waste Treated Weak Soils under Dynamic Loading	
PA	
1	Anusudha Visvanathan
Empowerment of Dalit Women Graduates through Entrepreneurship	
JRF	
1	M.Prabha
Study and Implementation of Different Power Saving Techniques for the Efficient Utilization of Air Conditioner by Using Renewable Power Resources	
JRF	
1	M. Lavanya
2	P. Padmagirisan
Maximum Power Extraction from Off – shore Wind-driven Generators through HVDC Transmission system	
JRF	
1	J.Ganesh Moorthy
Design, Development and Analysis of Bio-inspired Control strategies for stand-alone solar powered LED lighting systems	
JRF	
1	G. Hari Krishna
Power Optimization Controller in Switched Mode Power Supplies Connected with Renewable Energy Sources	
PA	
1	B. Ananthakumar
Experimental Studies on a Direct Injection Diesel Engine	

Using Waste Cooking Oil Based Biodiesel and its Blends	
JRF	
1	D.Babu
Studies on Growth, Lipid extraction and Biodiesel Conversion Characteristics of Microalgae as a potential Alternate Fuel for Compression Ignition Engines	
JRF	
1	C.N.Kowthaman
Investigation on Generator Absorber Heat Exchange (GAX) Ammonia – water vapour Absorption Refrigeration System with Plate Heat Exchangers	
PA	
1	S. Parthiban
Synthesis and Characterization of SiGe Thermo-electric Materials by High Energy Ball Milling and Spark Plasma sintering	
JRF	
1	P.Vivekanandhan

1. The stipend of JRF is Rs. 18,000/- PM plus 20% HRA
2. The stipend of PA is Rs. 8000/-PM

Dean – ID

Note:

The offer letter will be sent by the competent authority later