



**OFFICE OF THE DEAN INSTITUTE DEVELOPMENT**  
**NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPPALLI - 620015**

Date: 24.03.2014

**The list of candidates called for written test and Interview for JRF/PA position in various research projects under SCSP/TSP/PwD.**

<b><u>S.No</u></b>	<b><u>Project</u></b>	<b><u>Department</u></b>	<b><u>Date of Interview</u></b>
1	Fuzzy Based Sentence Level Event Pattern Analysis and Prediction for Crime Event Detection	Computer Application	31.03.2014
2	Deciphering the Dynamic Architecture Design from Music, and Developing the Application Software	Computer Application, MBA, Architecture	31.03.2014
3	Decision support System for Incomplete Interval Information	Mathematics, MBA	31.03.2014
4	Development of New Polymeric Membranes for Ethanol Separation by Air Gap Membrane Distillation	Chemical	01.04.2014
5	Recovery of High Value Added Globular Proteins From Shrimp Waste Using Aqueous Two Phase System	Chemical	01.04.2014
6	Artificial Intelligence Heuristics for a Class of Combinatorial Optimization Problems	Production	01.04.2014
7	Experimental Studies and Numerical Simulations on Micro Joining of Shape Memory Alloys (NITINOL)	Production	01.04.2014
8	Investigation of Industrial & Domestic Waste Treated Weak Soils under Dynamic Loading	Civil	01.04.2014
9	Empowerment of Dalit Women Graduates through Entrepreneurship	MBA	02.04.2014
10	Study and Implementation of Different Power Saving Techniques for the Efficient Utilization of Air Conditioner by Using Renewable Power Resources.	EEE	02.04.2014
11	Maximum Power Extraction from Off – shore Wind-driven Generators through HVDC Transmission system	EEE	02.04.2014
12	Power Optimization Controller in Switched Mode Power Supplies Connected with Renewable Energy Sources	EEE	02.04.2014
13	Design, Development and Analysis of Bio-inspired Control strategies for stand-alone solar powered LED lighting systems	EEE	02.04.2014

<b>14</b>	Synthesis and Characterization of SiGe Thermo-electric Materials by High Energy Ball Milling and Spark Plasma sintering	<b>MME</b>	<b>03.04.2014</b>
<b>15</b>	Experimental Studies on a Direct Injection Diesel Engine Using Waste Cooking Oil Based Biodiesel and its Blends	<b>Mechanical</b>	<b>03.04.2014</b>
<b>16</b>	Investigation on Generator Absorber Heat Exchange (GAX) Ammonia – water vapour Absorption Refrigeration System with Plate Heat Exchangers	<b>Mechanical</b>	<b>03.04.2014</b>
<b>17</b>	Studies on Growth, Lipid extraction and Biodiesel Conversion Characteristics of Microalgae as a potential Alternate Fuel for Compression Ignition Engines	<b>Mechanical</b>	<b>03.04.2014</b>

**Note:**

1. The written test is objective type covering the core subjects for one hour duration.
2. No TA/DA will be provided for attending the test and interview
3. Bring the Xerox copy of all the relevant certificates
4. The Xerox copy of the community certificate must be submitted and without which the candidate will not be allowed to appear for the Entrance and Interview.
5. Bring two passport size photographs.
6. For further clarifications call 0431-250-4618

**Dean (ID)**