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### ADVERTISEMENT

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Applications are invited for the post of Junior Research Fellow (**JRF-2 Nos**) in the TIET-VT (Thapar Institute of Engineering & Technology, Patiala - Virginia Tech, USA) Center of Excellence for Emerging Materials (CEEMS) sponsored projects as mentioned below. **The last date of application is 15 February, 2020. Please send your one page resume with complete details to this email: bpal@thapar.edu**

**Fellowship:** Rs. 25,000/month (consolidated)

**Duration:** Three years

**Eligibility criteria:** M.Sc. in Chemistry/ Catalysis and or MTech. in Nanotechnology/ Nanomaterial with 1<sup>st</sup> class/division (60% marks). NET/GATE qualified candidates will be preferred. However, candidates without NET/GATE qualification with exceptionally good academic & research record may also apply.

#### **Title of the projects:**

**1. H<sub>2</sub> production from H<sub>2</sub>O splitting and industrial waste solvents by graphene oxide coated Metal(M)-TiO<sub>2</sub> nanocatalysts under solar radiation (PI: Dr Bonamali Pal)**

**2. Triglyceride/glycerol transformation into value added products employing heterogeneous catalysts (PI: Dr Amjad Ali; Co-PI: Dr B N Chudasama)**

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