

MIT

Academy of Engineering

Alandi (D), Pune 412 105, Maharashtra
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Junior Research Fellow (JRF)

Applications are invited to work on a Research Project funded by Board of Research in Nuclear Sciences, Dept of Atomic Energy, Govt of India.

- Name of the project** : Observer Based Control of Uncertain Dynamical Systems with Applications to Industrial Servo Control (Ref. No.: 2012/34/55/BRNS)
- Project duration** : Two years
- Name of the post** : Junior Research Fellow (JRF) – Control Systems (one post)
- Essential qualifications** : B.E. (Instrumentation, Electrical, E&TC, Electronics)
A strong inclination towards Control Systems with hands on experience in MATLAB/SIMULINK is required
- Emoluments** : Rs 16,000 per month

Candidates possessing the requisite qualifications may submit their applications with complete bio-data; mentioning e-mail and contact details on prasheels@gmail.com **within one week** from the date of this notification.

Note: The short-listed candidates will be called for an interview. The date of interview will be intimated by e-mail. No TA/DA will be paid for attending the interview.

Prasheel V. Suryawanshi
Principal Investigator



Department of Biotechnology
Ministry of Science & Technology
Government of India



Concept Notes Invited on 'Marine Bio-Prospecting and Bio-Energy'

Department of Biotechnology supports programmes in the area of Aquaculture and Marine Biotechnology, both of strategic and applied nature. As Marine bio-prospecting and Bio-energy aspects are receiving greater attention and India has excellent potential, it is proposed to invite concept notes from the Scientists/Researchers, who have visible and potential leads identified from the marine sources, either individually or in collaboration through a team or institutions. It is desirable that the concept should focus on lead molecules screened, identified and evaluated for different activities from marine sources for further characterization and up scaling through appropriate industry involvement. Thus concept should be based on the expertise of marine biology, chemists and others for finer characterization of the known molecules. Equally, the team can also involve bioinformatics specialists as well the interested industry. The concept note received will be examined through a joint Inter-Departmental Committee constituted for this purpose. The theme based concept proposals should be submitted by giving emphasis on the proposed product, source based identified bioactive molecules, process development and future research for further characterization and up scaling in the field of Marine bio-prospecting and Bio-energy. The concept note can be submitted by R&D organization in collaboration/with industrial partners working in the area. Short-listed concept notes will be invited for submission of detail proposals for consideration of financial support as per the modalities of the Department.

The concept note can be submitted in both soft and hard copies to the undersigned (ninawe.dbt@nic.in) with a copy to **Dr S. U. Ahmed**, Scientist 'C' (shahaj.ahmed@nic.in) on or before **16 August 2013**.