



Dr. (Mrs.). Ch. Sasikala PhD
Professor
Bacterial Discovery Laboratory
Centre for Environment
Institute of Science and technology (IST)

Jawaharlal Nehru Tech. University Hyd.
Kukatpally, Hyderabad – 500 085. (A.P.) India.
Telephone: [O] +91-40-23158661(3480).
[R]: +91-40-27535462. [M] 09000796341
Fax: +91-40-27531563.
E mail: r449@sify.com; sasi449@yahoo.ie

Ref : 99/CHS/DBT/CEN/11

Dt : 17-11-11

NOTIFICATION

Applications are invited for the following project positions in the Department of Biotechnology, Government of India sponsored project “Inventory and bioprospecting of spirochetes of marine habitats of India” from qualified candidates. Candidates interested are requested to send their applications to the Principal Investigator on or before **10-12-11**. Selected candidates will be called for an interview before the selection committee intimating the date and venue.

| Positions | Qualification & Experience | Consolidated Pay per month (Rs) | Duration |
|--------------|--|---------------------------------|----------|
| JRF (Two) | Masters degree in any branch of Life Sciences (Env. Biotech./ Plant Sciences (Botany)/Animal Sciences (Zoology)/Microbiology/Biotechnology/ Genetics /Biochemistry /Env. Sciences) or Chemistry (analytical chemistry / organic chemistry) or Pharmacy (M.Pharmacy). Must have qualified UGC/CSIR-NET/ GATE/ICMR/ICAR | 16000+ HRA(30%) | 3 Years |

About the project: India has one of the extended coastal ecosystems and being one of the mega diversity hot spots, abounds in biodiversity. The members of the phylum Spirochetes are an important group of bacteria which are free living in association as symbionts or most important pathogens. The present project for the first time primarily aims in cataloging the rich diversity of free living spirochetes of marine habitats of India through culture dependent and independent (metagenomics) approaches using pyrosequencing technology. In addition, the work involves studies on bioprospecting the metabolites produced by the spirochetes and the identification of biomolecules using **polychem analysis**. The research work involves an inter-disciplinary approach involving biology and chemistry which helps the candidate to be trained in the upcoming areas of **metagenomics/metabolomics coupled to bioprospecting**. **Selected candidates are expected to register for Ph.D.**

TERMS AND CONDITIONS

1. Only eligible candidates are required to apply.
2. The contract is purely temporary and initially only for a period of one year but extendable if work is found satisfactory on year to year basis for a period not exceeding 3 years or till the completion of the project.
3. JRF candidate admitted in the scheme is expected to join the Ph. D programme.
4. Candidates have to fully devote their time for the project work and are not allowed to join any other course (part/ full time).
5. Maximum age limit is 28 years.
6. Candidates who wish to leave the project in between have to inform the PI in writing at least 3 months before or till other personnel is employed in the project, whichever is earlier.
7. Selection will be made purely as per the DBT and University guidelines subject to approval by DBT. No TA/ DA will be paid for either attending the interview or while joining the project.
8. Completed applications in the prescribed proforma should reach the following address on or before 10-12-2011 by post/ e-mail.
9. Address for Correspondence:

Prof. (Mrs). Ch. SASIKALA,
PRINCIPAL INVESTIGATOR,
DBT PROJECT,
CENTRE FOR ENVIRONMENT,
IST, JNT UNIVERSITY HYDERABAD,
KUKATPALLY,
HYDERABAD –500 085.

E_mail: sasi449@yahoo.ie, sasikala.ch@gmail.com

10. Separate interview letter will be sent along with the time, date and venue of interview. Candidates have to appear before the selection committee with all relevant documents/certificates in original and if selected, should join the project immediately.
11. Must be prepared to go independently to the coastal habitat for sample collection.
12. If any false information is provided by the candidates and is found guilty, necessary action will be taken and the candidate has to refund all the payments made to him/her.

Principal Investigator

(Dr. Ch. Sasikala)

Date: 17-11-2011

PROFORMA OF APPLICATION FOR THE POST OF JRF IN THE
DBT SPONSORED PROJECT

1. Name in full :
2. Sex : Male/ female
3. Date of birth :
4. Father's name :
5. Address for correspondence :
With telephone/ fax No/ e-mail ID.
6. Permanent address with :
With telephone/fax No.
7. Educational qualifications starting :
from SSC giving details of Certificate/degree
year & percentage of marks (in a table form) :
8. Whether you have qualified :
NET (JRF) conducted by
CSIR/ UGC or GATE conducted by HRD .
9. If yes for 8, enclose NET/ GATE : Certificate enclosed/ Not
Eligibility certificate/Score card.
Year of passing :
Valid till :
10. Research/ work experience after M.Sc. :
Year of completion of M.Sc :
No. of years of Experience : From.....to.....
Field experience, if any :
Whether any papers have been :
Published/ communicated. :
Your reasons to leave the present position. :
11. Write a few words about your :
Interest in research :
12. How many hours in a day can :
you devote for research? :
13. Are you prepared to stay without :
University accommodation (hostel) :
14. Are you preparing or having plans to :
prepare for competitive exams like
civil services/ bank, etc. and
TOEFL/GRE
15. Your hobbies
16. Marital status : Married/ unmarried
17. Do you know computers and typing? : Yes/ No
18. If yes, for 17, give details :
19. Any other information you wish to : provide.

Date :.....

Candidate's Signature