



**INTERNATIONAL ADVANCED RESEARCH CENTRE FOR  
POWDER METALLURGY AND NEW MATERIALS (ARCI)**  
(An Autonomous R&D Centre of Department of Science & Technology, Govt of India)  
BALAPUR POST, HYDERABAD 500 005, AP  
Advt. No. ARCI/HRD/RECT/1/2009

ARCI, Hyderabad invites applications in the prescribed form for filling up the following Senior Scientist posts:

**SCIENTIST 'F'/'E'/'D'/'C'**

**No. of Posts:** 5 {1 post is reserved for Orthopaedically Handicapped (OH) Person}.

**Method of Recruitment:** Direct Recruitment

**Post-wise Gross Salary:** Rs 75,398/71,018/46,782/40,723 (as per 6th Central Pay Commission).

**Age Limit:** Not exceeding 50 years/45 years/45 years/40 years

**Experience:** 12 years/10 years/8 years/4 years

**Essential Qualifications:** Master's degree in Physical Sciences or Bachelor's Degree in Engineering/Technology or equivalent from a Recognized University PLUS above years of experience in Research and Development in Industrial/Academic Institutions and/or Science and Technology Organizations.

**Desirable Qualifications:** (a) Doctorate degree or equivalent in related subject from a Recognized University; (b) Experience of managing and directing R&D projects/programmes; (c) Published research work of high standard.

**Specific Job Requirements:** The Candidates should have appropriate research and application development expertise in any one of the following areas as evidenced by peer reviewed publications and patents: (a) Solid Oxide Fuel Cells (SOFC), Oxygen sensors, Ferroelectrics and polymers/Polymer-ferroelectric composites. (b) PVD of thin coatings, graded, multi-layered and nanocomposite coatings, design and development of Cylindrical Magnetron Cathodes. (c) Electrochemical deposition of nanostructured materials by pulsed electrodeposition and their characterization. (d) Solar energy materials for photo electrochemical Hydrogen generation and photocatalysis. (e) Nanostructured materials for lithium ion batteries. (f) Sol-gel based nanocomposite coatings, and (g) Thermal spray coating technologies including cold/kinetic spray; experimental and modelling skills.

**For complete post-wise details, Application, Research Proposal Forms  
and ONLINE Submission**

Log on to : <http://www.arci.res.in> and click on Careers

**LAST DATE for receipt of filled-in applications is 16 March 2009**

The DIRECTOR ARCI, Post Box No. 312, Hyderabad GPO, Hyderabad 500 001, India

**ADVERTISEMENT FOR THE POST  
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**Qualification**

M.Sc. in (Biochemistry, Applied Biochemistry, Life Sciences, Biotechnology, Organic Chemistry) or M.Sc./B.E./B.Tech./B.V.Sc./B.Pharma with 55% marks or NET/GATE qualified.

**Term and conditions**

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**Last date**

Within 20 days of this advertisement (by post only)

**Address:**

**Prof. Yamini B. Tripathi**  
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**School of Life Sciences**

Pt. Ravishankar Shukla University  
Raipur 492 010

Applications are invited for one position of Project Fellow @ Rs 8000 p.m. (fixed) for a period of 3 years in the UGC sponsored project, entitled '**Study of rest-activity circadian rhythm in cancer patients: An attempt to develop strategies for chronotherapy and QoL**'. Minimum qualification is 55% marks in M.Sc. (Zoology/Bioscience/Life Science). Preference will be given to those candidates who have knowledge of the subject, Chronobiology. Applications on plain paper along with curriculum vitae, attested copies of mark sheets/certificates and testimonial should be sent to **Dr Arti Parganiha**, Principal Investigator, School of Life Sciences, Pt. Ravishankar Shukla University, Raipur 492 010 (e-mail: [arti.parganiha@gmail.com](mailto:arti.parganiha@gmail.com)) within 15 days from the date of publication of this advertisement.