

**CSIR-INSTITUTE OF MINERALS & MATERIALS TECHNOLOGY**

ACHARYA VIHAR, P.O. RRL, BHUBANESWAR-751013

RECRUITMENT FOR RESEARCH POSITIONS

**Advt. No.RDPD/P45/2019, DATES OF WALK-IN-INTERVIEW: 07-09 January 2020**

Sl. No	Project No.	Title of Project (Sponsor)	Duration of the project	Position (Number), Monthly Stipend in Rs.	Max. Age as on Interview	Essential Qualification	Job Requirement/ Desirable
1	2	3	4	5	6	7	8
<b>DAY-1</b> 07.01.2020 : REGISTRATION: 9.00 – 10.30 AM; TIME OF INTERVIEW: 10.30 AM ONWARDS (LUNCH BREAK: 1.00-2.00 PM)							
1	GAP-323	Photofunctional materials for industrial dye mineralization, Sponsored by DST. New Delhi	16 <sup>th</sup> Oct-2021	P-JRF(one) 31000/-	30	M. Sc. in Chemistry with GATE/ NET(LS)	Synthesis characterization of LDH based catalysts for photomineralisation of textiles dyes. Operation of characterization equipment and photocatalytic reactors.
2	GAP-325	Development of earth abundant heterostructured photocatalyst based solar H <sub>2</sub> generation reactor/process, Sponsored by DST. New Delhi	Oct 2022	P-JRF(one) 31000/-	30	M.Sc.in Chemistry/Physics with NET(LS)	Photocatalysts Synthesis for H <sub>2</sub> evolution
3	GAP-322	Processing of spent lion battery, Sponsored by DST. New Delhi	Oct. 2024	P-JRF(one) 31000/-	30	M. Sc. in Physics/ Chemistry with GATE/ NET(LS)	Knowledge in electrochemistry
4	GAP-319	High pure nano-alumina for solar cell antireflection coatings and reinforcing aluminum, Sponsored by NALCO, India	July 2021	PA-II(one) 25000/-	30	M.Sc. in Chemistry	Material Synthesis and Chemical synthesis
5	GAP-324	Development of solar to chemical fuel generation device/process based on earth abundant materials, Sponsored by DST. New Delhi	Oct 2022	PA-II(one) 25000/-	30	M. Sc. in Chemistry/Physics	Photocatalysts synthesis for solar fuel
<b>DAY-2</b> 08.01.2020 : REGISTRATION: 9.00 – 10.30 AM; TIME OF INTERVIEW: 10.30 AM ONWARDS (LUNCH BREAK: 1.00-2.00 PM)							
6	GAP-301	Technology development (extractive metallurgy) for polymetallic nodules (PMN). Sponsored by MOES New Delhi	March 2020	P- Associate-I(Three) 31000/-	35	M. Sc. in Chemistry/ B. Tech in Mechanical Engineering	Characterization and process flow sheet development
7	GAP-299	Development of cost effective and green assay technology for the selective detection of toxic metal ion using functionalized gold nanoparticles. Sponsored by DST-UKIERI, New Delhi	Oct-2020	P-JRF(one) 31000/-	30	M.Sc. in Biotechnology /Microbiology/ Botany/ Zoology with NET (LS) or equivalent exam conducted by National agency as per DST norm.	Synthesis and characterization of nanomaterial
<b>DAY-3</b> 09.01.2020 : REGISTRATION: 9.00 – 10.30 AM; TIME OF INTERVIEW: 10.30 AM ONWARDS (LUNCH BREAK: 1.00-2.00 PM)							
8	GAP-319	High pure nano-alumina for solar cell antireflection coatings and reinforcing aluminum. Sponsored by NALCO, India	July 2021	PA-III(one) 28000/-	35	M.Sc. in Chemistry with 2yrs of relevant experience	Synthesis of Material Characterization
9	GAP-323	Photofunctional materials for industrial dye mineralization. Sponsored by DST- New Delhi	16 <sup>th</sup> Oct-2021	P-SRF(one) 35000/-	35	M. Tech in Chemical/Material/ Electronics Engineering	Experience in reactor designing/operating: Synthesis characterization of LDH based catalysts for photomineralisation of textiles dyes. Reactor design/automation/ optimisation of reaction condition in1000L photo reactor. Dye sample collection from branch etc.
10	SSP-371	Beneficiation of low-grade Talc for brightness improvement Sponsored by M/s. Udaipur mineral development Syndicate Pvt. Ltd.	May 2020	P-SRF(One) 28000/-	35	B. Tech and M. Tech. in Chemical Engineering	Mineral processing

**Total Positions =12(P-SRF, P-JRF, PA-III, PA-II, PAs-I)**

**NB:**

- Minimum eligibility is 55% marks in qualifying degree or diploma
- HRA will be provided as per the norms of the funding agency and the Institute



सीएसआइआर-खनिज एवं पदार्थ प्रौद्योगिकी संस्थान  
CSIR - INSTITUTE OF MINERALS & MATERIALS TECHNOLOGY  
भुवनेश्वर/BHUBANESWAR-751013

**WALK-IN-INTERVIEW: INSTRUCTIONS AND INFORMATION FOR CANDIDATES**

- 1 Interested candidates fulfilling all the eligibility criteria may download the Application Form and step in for the Walk-in-Interview along with the filled-in Application Form (with self-attested recent photograph and photocopies of certificates etc.) and original documents for verification. Application forms with incomplete/wrong information, detected at any stage, are liable to rejection.
- 2 Director CSIR-IMMT reserves all rights to cancel recruitment of any or all of the positions advertised above at any stage and reject any application without assigning any reason whatsoever.
- 3 The above positions are purely temporary and initial offer for engagement in any project shall be for a period of maximum one year. However, the engagement may be extended or curtailed depending upon the duration of the project and (or) performance of the candidate.
- 4 Total tenure of engagement (current as well as service rendered earlier in CSIR-IMMT and/or any other CSIR lab/ hqtrs. taken together), will be limited to 5 years only.
- 5 All those candidates who are continuing as PAs etc. in CSIR-IMMT/CSIR labs in any project will only be considered for appearing the interview with the no objection certificate from concerned PI.
- 6 Age relaxation is admissible to SC/ST/PH/OBC & Women candidates as per instructions of Govt. of India/CSIR.
- 7 Candidates are advised to stick to the interview schedules and report at the reception/security counter 15 minutes before the registration to avoid last minute rush. Registration venue is CSIR-IMMT Meeting Hall.
- 8 A **Pool** (not merit list) of candidates will be drawn for future requirement, in the same or any other project of similar nature, which will be valid for one year or till next Pool drawn, whichever is earlier.
- 9 No TA/DA will be paid for attending the interview.
- 10 Unless otherwise mentioned, equivalent/higher degrees shall not be considered as essential qualification for any position.
- 11 The institute has a **cafeteria** wherein the candidates can have snacks throughout the day and can book for lunch (booking between 10.30-11 AM).
- 12 While utmost care will be taken to conduct interviews in time, there may be last minute alterations/deviations in the interview scheduling due to unavoidable circumstances. Candidates appearing for the walk-in-interview will be required to **maintain silence** while moving within the institute premises as certain other important meetings will be conducted simultaneously on the dates of interview.

**CSIR-INSTITUTE OF MINERALS & MATERIALS TECHNOLOGY**  
**(Council of Scientific & Industrial Research)**  
**BHUBANESWAR-751013**

Affix recent  
passport size  
photograph

**APPLICATION FORM**

**WALK-IN-INTERVIEW DATE:**        /        /    2020 ,    **ADVT. NO. RDPD/P45/ 2020**

1. **Name of the Applicant** (in Capital): .....

2. Name of the Position: ....., 3. Sl. No. of the Position: ....., 4. Subject: .....

5. Sex (Male/Female): ..... Date of Birth (DD/MM/YY): ...../...../..... Age : (as on date of interview) :.....Y.....M.....

6. Father's/Husband's Name : .....

8. Permanent Address: .....

9. **Correspondence address** (in Capital) : C/o : .....

At/Po.; ..... PS: /City: .....

Dist: ..... State: ..... PIN: .....

Tel.No. ...., / Mob. No. .... E-mail: .....

10. Whether SC/ST/OBC/PH/GEN: .....

11. Educational Qualifications :

Exam. passed	Board/ Univ.	Year of passing	Divn.	% of marks	Subjects
H.S.C.					
+2 Science					
Diploma					
B.Sc./B.E./B.Tech					
M.A./MCA/MBA					
M.Sc./M.E./M.Tech					
NET/GATE/M.Phil.					
Ph.D.			Title:..... ..... .....		

12. Experience (if any) at CSIR / IMMT-BBSR

Date of Joining	Date of Leaving	Designation/ Position/Dept.	Salary / Emoluments	Period of exp.		
				Year	Month	Days
TOTAL PERIOD						

13. Experience (if any) at other Organisation:

Organisation Name	Date of Joining & Leaving	Designation/ Position	Salary / Emoluments	Period of exp.		
				Year	Month	Days
TOTAL PERIOD						

14. Research Publications (Attach list):

Publications in Number	Indian	Foreign	Total
Journals			
Conf./Sem./Symp.Proceeding			
TOTAL PUBLICATIONS			

15. Whether related to any CSIR/IMMT employee: **Yes / No.** .....

(If yes, please mention) Relationship Type: .....

Name:..... Position: .....Divn/Dept./Sec.:.....

Name of the Institution: .....Place: .....

### DECLARATION

I hereby declare that all the statements made in this application are true and complete and nothing has been concealed/distorted. I am aware that, if at any time I am found to have concealed/distorted any material information, my engagement is liable to be summarily terminated without notice.

Date:     /     /2020

SIGNATURE OF THE APPLICANT