



International Advanced Research Centre for Powder Metallurgy and New Materials (ARCI)

(An Autonomous R&D Centre of Dept. of Science & Technology, Govt. of India)
RCI-New Airport Road, Balapur, Hyderabad-500 005, Telangana.

Advt.No. ARCI/HRD/SCD/2/2026

Engagement on Contract Basis

SCIENCE COMMUNICATOR & DESIGNER

Last Date for Submission of Application is 3rd November, 2026

ARCI is an autonomous R&D Centre of Department of Science & Technology (DST), Government of India with a mission to develop highly competitive and commercially viable technologies for Indian and global markets. ARCI offers an excellent work environment, equipped with modern facilities and intellectual freedom for motivated individuals to realize their full innovative potential. ARCI invites applications to fill-in **ONE (1)** post of **Science Communicator & Designer** on Contractual basis. Candidates with creativity, innovativeness and passion to contribute in writing institute's relevant science articles, print/broadcasting media as well as in related design aspects will be right choice for the post. The details of the post are given below:

Name of the Post with Details

Post Code : SC 001

Name of the Post : Science Communicator & Designer

No. of Post (s) : One (1)

Natural of Post : Contract Basis

Contract Tenure : Initially for a period of one year, extendable on a year-to-year basis up to three years, subject to satisfactory performance and organizational requirements.

Remuneration : Monthly consolidated remuneration in the range of **Rs. 50,000/- to Rs. 70,000/-** depending upon qualifications, relevant experience, demonstrated expertise, and suitability of the position. Annual enhancements may be considered based on performance of personal assessment and ARCI norms.

Age limit : Upper age limit not exceeding 40 years as on the closing date of applications.

Job Description:

The selected candidate will be part of ARCI's Media Cell and will be expected to:

- Develop engaging science stories, technical articles, feature stories, press releases, success stories, and outreach content based on ARCI's research publications, patents, technologies, projects, events, and institutional activities.
- Translate scientific and technological developments into content that is understandable and accessible to industry, policymakers, students, media, and the general public.
- Coordinate with scientists and technical teams for the preparation of short videos, multimedia content, infographics, technology showcases, and other science communication materials.
- Design and develop annual reports, newsletters, brochures, posters, presentations, technical booklets, and other outreach and promotional materials.
- Create visual communication products including infographics, illustrations, digital graphics, and multimedia content to effectively communicate ARCI's R&D achievements.
- Manage and regularly update ARCI's digital communication channels, including website and social media platforms such as X, LinkedIn, Facebook, and YouTube.
- Support institutional branding, public outreach activities, exhibitions, media interactions, and communication initiatives of the Institute.
- Perform any other communication, outreach, and media-related work assigned from time to time.

Job Profile:

The position requires regular interaction with scientists, technical personnel, industry stakeholders, and members of the administration. The incumbent should possess excellent communication and interpersonal skills and demonstrate the ability to understand scientific concepts and present them creatively to diverse audiences. The selected candidate will have the opportunity to work in a vibrant research environment where cutting-edge translational research is carried out in the areas of Materials Science and Engineering with a strong focus on technology development and transfer to industry. The role demands creativity, initiative, professionalism, and the ability to manage multiple assignments within stipulated timelines.

Essential Qualification:

- i. Master's Degree in Communication, Journalism, Mass Communication, Media Studies, Science Communication, Public Relations, Advertising, Digital Media, or an equivalent discipline; OR
- ii. Master's Degree in Physical, Chemical, Materials Sciences, or an equivalent science discipline; OR
- iii. B.E./B.Tech./M.E./M.Tech. in Materials Science, Engineering/Technology, or an allied field, from a recognized University/Institution.
- iv. In all cases, the candidate must demonstrate the ability to understand and communicate scientific and technical concepts.
- v. A strong portfolio of published or publicly disseminated work demonstrating writing, editing, visual communication, social media, publication design, and/or multimedia skills.
- vi. Working proficiency in MS Office and contemporary digital communication and content-creation tools, including Canva or equivalent platforms, with the ability to manage institutional social media accounts and publication workflows.
- vii. Excellent written and verbal communication skills in English, with the ability to translate complex scientific information for different audiences."

Desirable Qualification/Skills:

- i. Minimum two (2) years of proven professional experience is desirable in science communication, journalism or institutional communication, including the development of science/news stories, feature articles, press releases, social media content, newsletters, reports, brochures, web content, multimedia products, or related publications.
- ii. Advanced hands-on proficiency in Canva and/or Adobe Creative Suite (InDesign, Illustrator, Photoshop, Premiere Pro), or equivalent professional design, layout, image-editing, and video-editing software.
- iii. Experience in end-to-end social media management, including platform-specific content planning, editorial calendars, campaign execution, community engagement, social listening, performance monitoring, and analytics for platforms such as X, LinkedIn, Facebook, Instagram, and YouTube.
- iv. Proven editorial ability to research, interview, fact-check, write, edit, and package science news stories, features press releases, explainers, newsletters, annual reports, brochures, web copy, and institutional publications for technical audiences and the general public.
- v. Skills in visual and multimedia storytelling, including infographics, data visualisation, photography, short-form and long-form video, audio, motion graphics, captions/subtitles, and accessible mobile-first content.
- vi. Experience with website and content management systems, basic SEO, web and social analytics, email/newsletter platforms, digital asset management, and publication production workflows.
- vii. Responsible use of generative-AI and AI-assisted communication tools for research, ideation, transcription, editing, design, and repurposing, with rigorous human verification and awareness of accuracy, copyright, privacy, accessibility, bias, and research ethics.
- viii. Strong project-management and interpersonal skills, with the ability to handle multiple deadlines and work independently as well as collaboratively with scientists, administrators, designers, media professionals, and multidisciplinary teams.
- ix. Experience in a scientific, research, academic, technology or public-sector organisation. Working knowledge of Hindi and/or Telugu, in addition to English, will be an advantage.

Portfolio Requirement:

Candidates **must submit a portfolio/work samples** demonstrating their science communication and/or design capabilities. The portfolio may include:

- Published articles, feature stories, blogs, or technical content.
- Newsletters, annual reports, brochures, posters, or outreach publications.
- Infographics, illustrations, graphic design work, or digital communication materials.
- Videos, multimedia products, social media campaigns, or other relevant communication outputs.

Applications not accompanied by relevant portfolio/work samples may NOT be considered for shortlisting.

ARCI strives to have a workforce that reflects gender balance and women candidates are encouraged to apply

I. Application Procedure:

Eligible candidates should send a detailed application by email to: rectt@arci.res.in

- Detailed application should consist of **detailed CV**, and **Statement of Purpose** (maximum two pages), as to what motivates the applicant to apply for the above post and why the applicant is the appropriate choice for the post of Science Communicator & Designer.
- Detailed application without Statement of Purpose will NOT be considered.**
- Candidates **must submit a portfolio/work samples** demonstrating their science communication and/or design capabilities. **Applications not accompanied by relevant portfolio/work samples may NOT be considered for shortlisting.**

II. Screening/Short-listing and Selection Process

- Eligible candidates, will be provisionally shortlisted based on the details provided by them in their detailed CV submitted.

III. Other Terms & Conditions

- Age Limit:** Upper age limit as above shall be as on the closing date of application. However, upper age is relaxable by **5 years for SC/ST** and **3 years for OBC (Non-creamy layer)** or PWD candidates, etc., or as per Govt. of India rules. A copy of self-attested caste certificate should be attached to the application.
- In case, if the candidate is shortlisted for personal discussion, he /she shall bring a hard copy of the CV/application submitted by email, duly supported by self-attested photocopies, educational certificates, experience certificates, passport size photograph, AADHAR Card/ Any other Govt. issued ID document (for identity proof)/testimonials and produce all originals for verification.
- The advertised contractual post to be filled in shall depend upon the actual requirement at the time of recruitment vis-à-vis the need and will depend on the availability of requisite talent among those who have applied for the post.
- Mere fulfilling the minimum prescribed qualifications/experience will not vest any right in a candidate for being called for personal discussion.
- ARCI reserves the right to call or not to call a candidate for personal discussion.
- ARCI reserves the right to relax any of the above requirements in exceptional cases.
- After the expiry of the contract tenure, the selected candidate shall not have any right whatsoever to claim regular appointment or permanent absorption in ARCI/DST.
- No TA/DA will be paid for attending personal discussions or for joining (if selected).**
- In all matters relating to this advertisement and subsequent processing, the decision of the competent authority, ARCI, will be final and binding.
- Applications received late for whatsoever reason, or incomplete in any manner, shall NOT be considered.
- Canvassing or bringing in any influence in any form shall be considered as disqualification.
- Candidates are advised to visit **ARCI website <https://www.arci.res.in/careers/vacancies>** periodically for further information and updates pertaining to this advertisement.
- LAST DATE FOR RECEIPT DETAILED CV/APPLICATIONS BY EMAIL IS 3rd November 2026.**