

JOB DESCRIPTION

Position:	STEM Resource Person	Program:	Digital Equalizer (DE)
Location:	Gandhinagar, Gujarat	Reporting Relationship:	Project Lead
Nature of Employment:	Consultancy	Number of Positions:	Two

ABOUT AMERICAN INDIA FOUNDATION

The American India Foundation is committed to improving the lives of India's underprivileged, with a special focus on women, children, and youth. AIF does this through high impact interventions in education, health, and livelihoods, because poverty is multidimensional. AIF's unique value proposition is its broad engagement between communities, civil society, and expertise, thereby building a lasting bridge between the United States and India. With offices in New York and California, twelve chapters across the U.S., and India operations headquartered in Delhi NCR, AIF has impacted 12.9 million lives across 35 states and Union Territories of India. Learn more at www.AIF.org.

Digital Equalizer is AIF's flagship education program. Since its inception in 2004, the Program has empowered 5.4 million children with interactive STEM experiences, trained 182,025 teachers in STEM pedagogy, and transformed 24,471 schools across 35 states and union territories of the country. DE Program utilizes technology to bridge the educational and digital divide in India by transforming under-resourced government schools into dynamic places to teach and learn through collaborative, project-based learning and building 21st century skills amongst students especially girls.

ABOUT THE PROJECT

The STEM-based Digital Equalizer project of AIF utilizes technology to bridge the digital divide in India and transform under-resourced schools into dynamic places to teach and learn through collaborative, project-based learning. The program works for imparting teachers' training and sensitizing HMs to increase the learning outcomes of the students with focus on STEM subjects. The fulcrum of impact for the schooling ecosystem is enabling teachers to teach better, through access to engaging teaching-learning materials (TLMs) and adequate knowledge, to leverage techno-pedagogy and other creative teaching methods in the classroom, so as to make the overall experience more interesting and engaging for the students. It is the teacher who is the key to a transformative classroom experience for the child and everything else, including impact, flows from that.

KEY RESPONSIBILITIES

The STEM Resource Person/trainer will be responsible for the programme management for its assigned locations in Gujarat. S/he will be deployed at Vidya Samiksha Kendra (VSK) / GCERT in Gandhinagar. S/He will be responsible for imparting training to master trainers and pre-service/in-service teachers in various DIETs. High level of liaison and networking at the State and district level would be required.

The responsibilities include, but are not limited to:

- Identify and support in designing ICT based educational interventions;
- Regular Vidya Samiksha Kendra (VSK)/GCERT/SSA visits to ensure effective implementation of the training programs, gauge its challenges and solve issues appropriately;
- S/He will be responsible for imparting training on techno-pedagogy and STEM methodology to master trainers and pre-service/in-service teachers in various DIETs;
- S/he be responsible for capacity building initiatives in cascade manner across State;
- Responsible to maintain the MIS of the program;
- Networking with other district officials and coordination with the DPEOs and DIET principals to update about the training programs;
- Responsible to submit monthly reports to the Project lead based on the key deliverables both financial and programmatic;
- Liaison with district and state functionaries and responsible for regular qualitative training programs;
- Responsible to bring in innovative ideas and to create visibility of the programme at districts and state level;
- Development of STEM kit with facilitator manual, worksheets and videos with the help of team;
- Develop STEM material in line with school curriculum;
- Develop standardized STEM sample kit that can be adopted across the state;
- Responsible for field visits to conduct STEM Workshops for Science & Math teachers of Gujarat;
- Assisting Project lead on any other innovative idea implementation for science;
- Assisting Project lead in various operations and administration work, if needed;
- Preparation of monthly newsletters for the government to submit on a regular basis to the Project lead;
- Capacity building of the team and share key outputs on their development with the Project Lead/Regional Manager/ HR; &
- Any other work as assigned by the Project lead/the Regional Manager.

QUALIFICATIONS AND EXPERIENCE

Post-graduation in science / technology / education with 5 – 8 years of experience in the relevant sector (Science, Technology, Engineering and Mathematics).

Skills and Competencies:

- Good programme knowledge and conversant with emerging technologies in the development sector;
- Skills in focusing on programme quality and positive approach in resolving challenges;
- Good data analysis skills with programme planning and design, monitoring and evaluation frameworks and techniques;

- Strong on people management with effective performance management approach and commitment;
- High level of networking and representation skills;
- Good analytical and numeracy skills;
- Good interpersonal and communication skills both written and verbal;
- Ability to be adaptable and flexible to change; &
- Ability to travel extensively.

Other: Salary shall be commensurate with experience.

Initially, the contract shall be issued till 31st March 2023, which is renewable on the basis of performance.

Position Availability: Immediately

Application Process: To apply for this position, send your CV and covering letter describing how you meet the specifications for this role and what you bring to it to degujarat.careers@aif.org with the subject line “**STEM Resource Person**” Gandhinagar.

Deadline for applications: 28th November, 2022

Only applications of short-listed candidates will be acknowledged.