

Role Profile: Research Associate/Senior Research Associate

About AEEE

AEEE is a policy advocacy and energy efficiency market enabler with a not-for-profit motive. It is the only organization in India which works on creating awareness about energy efficiency as a resource (energy efficiency is the cheapest, cleanest and fastest resource and must be the first fuel in India, before thinking about power generation from any fuel, including renewables) advocates for data driven and evidence-based energy efficiency policies that will unleash the innovation and entrepreneurship within the country to create an energy-efficient economy. Three major verticals across which AEEE works are

- Building and appliances
- ESCO and Financing
- Urban Infrastructure and Utilities

In the Buildings and Appliances sector, AEEE is working in Building Energy Efficiency through ECBC, Affordable and Sustainable Housing, Benchmarking, Energy Management, Measurement & Verification, Building Stock Modelling Development and implementation of India Cooling Action Plan, Enabling Thermal Comfort for All in, Super-Efficient Appliances, Cooling appliances.

Purpose of the role

This role is to support AEEE programmes including, but not limited to, Global Cooling Prize, Sustainable and Smart Space Cooling Coalition, Clean Cold Chain, Mainstreaming Super-Efficient Appliances, Affordable Housing, Smart Cities, Adaptive Thermal Comfort, ECBC Implementation, Energy Data Management, etc.

Details of the role

Designation	Research Associate/Senior Research Associate for Building and Appliances vertical at AEEE	Function (Job function)	Policy advocacy and research projects related to energy efficiency in the Buildings and Appliances sector
Location (City name)	New Delhi, India	Employment type	Full-Time

Responsibilities:

- ✚ Support/Lead in identification of potential strategy areas, developing proposals and undertaking meaningful research to support policymaking.
- ✚ Staying abreast of the developments in India and globally in the field of building energy efficiency
- ✚ Support/Lead primary and secondary research for proposals and project implementation
- ✚ Support/Lead policy and data analysis for various projects
- ✚ Willing to travel within India for carrying out various project activities
- ✚ Synthesize project-reports, issue-briefs, journal-papers, articles, etc.
- ✚ Support/Lead in building strong relationships with relevant stakeholders including policymakers, public agencies, businesses, subject-matter experts, funding agencies, academia, and like-minded organizations
- ✚ Support/Lead outreach activities such as preparing discussion papers, brochures, writing online posts, etc. and organizing roundtables, workshops and other types of events.
- ✚ Participating in events, seminars, etc. related to the field of work
- ✚ Guiding and mentoring research analysts or interns
- ✚ Participating actively in and contributing to the overall development of the organization

Academic qualifications and experience required for the role

Required Educational Qualification	<ul style="list-style-type: none"> ✚ Under-graduation in Architecture / Civil / Mechanical / Electrical Engineering or similar discipline followed by ✚ Post-graduation (M.Arch. / M. Planning / M.Sc. / M. Tech/ MBA/ Economics/Statistics/Data Science etc.), from reputed institutions in India or overseas; ✚ a PhD degree in a relevant discipline would be a definite plus.
Relevant experience	<ul style="list-style-type: none"> ✚ 3-5 years for Research Associate and 5-8 years for Senior Research Associate with professional experience in policy research and analysis in building energy code development and implementation, standards and labeling of appliances, sustainable and smart space cooling and cold chain, energy audit and systems analysis, benchmarking, energy data disclosure and management, sustainable/green building design and construction, building energy simulation and tools development, etc.
Additional Requirements	<ul style="list-style-type: none"> ✚ Sound knowledge of various mission under National Action Plan on Climate Change (NAPCC), National Mission on Himalayan Studies (NMHS), India Cooling Action Plan (ICAP), Pradhan Mantri Awas Yojna (PMAY), ECBC, ECBC-R and green building rating systems like GRIHA, IGBC, LEED, Minimum Energy Performance Standards (MEPS) and Standards and Labelling of appliances, etc. ✚ Advance data organization, structuring and analytical skill and ability to work with large data sets (Python, NoSQL Database, Data Visualization, etc.) ✚ Experience in policy development support and implementation in the field of energy efficiency in residential buildings/cooling sector ✚ Foundational understanding of building physics and building energy simulation
Required Skills and Attributes	<ul style="list-style-type: none"> ✚ Strong ability to articulate, comprehend and synthesize technical information for people working in policy arena, social/behavioral field and lay persons will be plus ✚ Excellent visualization and presentation skills will be a plus ✚ Excellent written and oral communications skills in English is a pre-requisite ✚ Proficiency with spreadsheets, databases, word processing, and slide presentation software
Personal Characteristics	<ul style="list-style-type: none"> ✚ Creative and thinker with excellent problem-solving skills ✚ Self-driven and motivated individual to grow self, team and the organization ✚ Good inter-personal skills and ability to work with team-members from diverse backgrounds

What working at AEEE means for you

- ✚ Competitive remuneration and professional development opportunities
- ✚ Be an active change-agent making contributions towards India’s energy future as well as global climate change mitigation
- ✚ Enrich your professional network in the energy industry leveraging AEEE’s deep-rooted associations with leading national and international strategic partners
- ✚ Extend your mind by working in an environment that encourages creative and independent thinking and rewards leadership and a “can do” attitude

How to Apply

Interested candidates are requested to send their Cover Letter and CV (maximum 3 pages), one publication (Research paper/article) to jobs@aeee.in

Please mention “**Application for Research Associate/Senior Research Associate-Buildings and Appliances**” as subject line

The position would be open till the time the position is filled.