**Position Name**: Senior Research Analyst – Energy system modelling, economics, energy and climate policies
**Position Code:** IRADe/2022/SRA
**Location:** New Delhi
**Organization Name:** Integrated Research for Action & Development (IRADe)

**Organization Profile:** IRADe is a reputed institute, which conducts multidisciplinary research, policy analysis, action programmes in the field and training in energy, environment and sustainable development. Established in 2002, the institute has collaborators and projects with well-known international and national organizations, various ministries, public and private sector. To know about IRADe log on to www.irade.org.

IRADe is looking for a driven Energy and Climate Modelling researcher and policy analyst.

**Role and Responsibilities of the Incumbent**

- Key areas of research are low carbon strategies, energy efficiency, electrification/electric vehicles, 'Power-to-x', Hydrogen, low carbon energy technologies, Battery storage, energy and climate policies and infrastructure development to reach net-zero-carbon emissions.
- Track information and data, maintaining/developing database related to the development in the energy sector, climate changes, policies, technologies at national and international levels on regular basis
- Lead research work on contemporary energy and climate issues in state, national and international level (South Asian countries) projects.
- Develop methodology, model development (optimization/simulation type), scenario analysis, techno-economic analysis.
- Prepare project reports and other deliverables, organizing project meeting/workshops etc.
- Explore potential new research areas, develop project and write research proposals.
- Take divisional/section/group responsibilities as needed

**Desirable Qualifications:**

- Minimum a Master degree in natural sciences (physics, mathematics, statistics etc) or B-Tech/M-tech engineering and have at least 5-7 years of work experience with energy industry/consultancy/research organizations on energy and climate related work on policies, system, technology etc.
- Good experience with consultative assignments/research project implementation
- Interest on multi-disciplinary research, energy/climate system, energy technologies etc
- Familiarity with analyzing and interpreting energy/emission data sets (national and international level), to improve and use them as input for the analysis and the models.
- Knowledge of energy system models (like VEDA-TIMES, MESSAGE, OSEMOSYS, LEAP) is desirable
- Experience with Python programming is plus
- Good experience with Micro-soft office (Word, Excel, Power Point), especially Excel
- Ability to clearly communicate research conclusions in verbal and written format and good report/paper writing skills

Emoluments will be commensurate with experience and compatible with think tanks.
IRADe is an equal opportunity employer.
**How to Apply:**
  Please apply to jobs@irade.org with the following:
- Brief and detailed c.v.
- Current and expected salary
- Names and contact details (telephone and email) of two references.

Please do **NOT** enclose certificates at this stage.
Enclose only a few relevant publications and a full list.

Interested and eligible candidates may apply before **25th April 2022** with detailed CV and two professional references, current salary by indicating position Code **IRADe/2022/SRA** as subject.

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Website www.irade.org.