

**Job Title: Modelling Head - Technical (Job code: IRADe/SARI/EI/ HM TECH)**

**Number of Positions : One**

**Location:** New Delhi (Malviya Nagar)

**Experience:** 8 - 10 years

**Last date to apply: 30 September, 2015**

**About IRADe:**

Integrated Research for Action and Development (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 organisations, various ministries, public and private sectors. IRADe is currently implementing several initiatives across the South Asian region in partnership with leading international and multilateral agencies.

To know more about IRADe, log on to [www.irade.org](http://www.irade.org)

**Essential Qualifications:**

- A First class Bachelors degree in Engineering or Postgraduate in Science/Economics with PhD in Energy /Economics for reputed institutions
- Excellent communication skills in writing and spoken English.

**Desirable:**

- Should have hands on experience in modelling and should have worked with at least one of large-scale multi-country/regional energy systems models such as Answer-TIMES, Message, ENPEP, LEAP, AIM etc. and have an understanding of global climate scenarios.
- Modelling capabilities in integrated impact assessment models
- Advanced understanding of energy systems/energy technologies and economics of energy technologies is imperative.
- Knowledge of modelling of the water and other sectors will be an added advantage.
- Mathematical analysis and modelling of power generating technologies both renewable and fossil fuel based; capability to understand and formulate renewable and fossil energy resources and practical consideration in the adoption of energy technologies.
- In-addition an understanding of how energy is used in the various economic sectors like the agriculture, residential, commercial, transport, industry, etc and the implications thereof will be useful.
- Capability to carry out cost benefit analysis of various technologies; demand forecasting and an aptitude for numbers and analysis.
- Advanced knowledge in various energy sectors – coal, oil & gas, nuclear and an awareness of the current policies & regulations especially in the power sector will be an added advantage.
- The candidate should be willing to work in multi-disciplinary teams and should have an excellent working relationship and team spirit. It is expected that the candidate will have excellent written and oral communication skills.

**Job Responsibilities:**

The candidate is expected to work independently and lead the technical modelling work. The candidate should be able to deliver in time the outputs proposed by the sponsors. In addition the candidate is expected to write proposals and seek funding to make the area self-sufficient.

**Remuneration:**

Salary and perks will be commensurate with experience and qualifications.

**How to Apply:**

Please apply to [jobs@irade.org](mailto:jobs@irade.org) with the following:

- Write-up on why you should be considered for the post of Modeling Head – Technical (Maximum – 500 words)
- Detailed C.V. highlighting the modeling projects handled by you.
- Attach at least two of your publications.
- Your current salary and expected salary.
- Expected date of joining.
- Names and contact details (telephone and email) of two references.

Please do NOT enclose certificates at this stage.

Please apply before **30 September, 2015**.

**IRADe is an equal opportunity employer**