Job description-

Indian Institute of Science Education and Research Thiruvananthapuram (IISER TVM) is in look out for potential candidates for the faculty position in following areas of expertise.

Areas of expertise

Data Science

1. Data Science with background in computer science and specialization in:
1. Machine Learning
2. Artificial Intelligence
3. High-performance computing
4. Databases/Data mining
2. Data science with background in mathematics/statistics with specialization in applied statistics.

Earth, Environmental and Sustainability Sciences

a. Atmospheric sciences including atmospheric physics and atmospheric chemistry
b. Climate modelling and climate change
c. Water resources, Hydrology, Water quality and Water treatment.
d. Oceanography and Oceanic sciences
e. Environmental Science or Engineering (specialization in sustainability at PhD level)
f. Analytical chemistry related to environmental and earth sciences
g. Bio-geo-chemistry
h. Remote sensing and disaster management
i. Geospatial technology

Biological Sciences

1. Biophysics and Structural Biology
2. Population and Community Ecology, and Ecological Interactions
3. Plant Developmental Biology, Plant Cell, and Molecular Biology
4. Computational Biology and Bioinformatics
5. Proteomics and Metabolomics

Chemical Sciences

1. Chemical Biology
2. Medicinal Chemistry
3. Polymer Chemistry

Physical Sciences

1. Experimental quantum optics
   - Essential Qualifications: Ph.D in Science Technology Policy and Development studies.