

**KSCSTE-INSTITUTE FOR CLIMATE CHANGE STUDIES (ICCS)**

(An Institution of Kerala State Council for Science,
Technology and Environment)

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No. ICCS/A2(R)/142/2022/02

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Recruitment of Scientists

KSCSTE-Institute for Climate Change Studies (KSCSTE-ICCS) is dedicated for the focused research on state specific impacts of climate change on water, agriculture, forestry, biodiversity, sea level rise, natural hazards, health and socio-economic scenario of the State; and propose appropriate action for climate change management and adaptation strategy on various sectors and zones of the State.

To consolidate our position and to prepare for the emerging challenges in these areas, we invite dynamic and talented candidates who are actively pursuing research in selected disciplines, to join us. KSCSTE-ICCS offers the CSIR scales of pay and other benefits as sanctioned by Government of Kerala time to time.

Online Applications are invited from enthusiastic, innovative and young Indian researchers having excellent academic record and proven scientific achievements to fill up the following scientific positions: **The Recruitment portal for submitting the application is available at www.recruit.kscste.kerala.gov.in. The closing date for submitting the application is 08-12.2022 at 5 pm.**

Post	Level No. in the Pay Matrix as Per VII CPC
Senior Scientist/ Scientist 'E1'	(Level 12) Rs.78,800-2,09,200
Junior Scientist/ Scientist 'B'	(Level 10) Rs.56,100-1,77,500

Vacancies: Total 03 (1 post of Senior Scientist/ Scientist E1 & 2 posts of Junior Scientist/ Scientist B)

Post Code	Name of the Post (Discipline)	No. of Posts	Qualifications		Job Requirements	Age limit (as on the date of closure of application)
			Essential	Desirable		
ICCS/ SE1/ 01/22	Senior Scientist/ Scientist 'E1' (Climate Change Impact Analysis and Adaptation)	01	1 st Class MTech / ME in Atmospheric or Oceanic Sciences/ Engineering with at least seven years of research and development experience in climate change related topics relevant to the job requirement from a recognized	<ul style="list-style-type: none"> Publications in topics relevant to the job requirements in peer reviewed journals. Knowledge on modeling of climate change projections/ impacts/ vulnerability assessment/ GHG 	<ul style="list-style-type: none"> Project formulation and management Downscaling and analysis of the simulations from climate prediction and projection models Assessment of climate 	40 Years

			<p>Industrial/Academic /Science and Technology/ Service Institutions after obtaining the qualifying degree.</p> <p>Or</p> <p>Doctorate Degree with thesis work in the areas of Meteorological/ Environmental/Physical sciences with first class in master degree in a relevant subject and at least 5 years of research and development experience in climate change related topics relevant to the job requirement from a recognized Industrial/Academic /Science and Technology/ Service Institutions after obtaining the Doctoral Degree.</p> <p>Or</p> <p>Doctorate Degree in Engineering with at least 4 years of research and development experience in climate change related topics relevant to the job requirement from a recognized industrial/Academic/ Science and Technology/ Service Institutions after obtaining the Doctoral Degree.</p>	<p>inventory/ mitigation/ adaptation / climate action plans and other climate change contemporary issues.</p> <ul style="list-style-type: none"> • Research and data analysis using various statistical tools. • Expertise in Programming languages (like FORTRAN 90, C/C++ etc.) and Meteorological data analysis tools (like GrADS, FERRET, NCL, NCO, CDO etc.). 	<p>variability and climate change projections.</p> <ul style="list-style-type: none"> • Research on impact of climate change on various applications in the climate sensitive sectors like water, agriculture, disaster management, health etc. and development of informed decision making and suitable adaptation strategies. • Supervise junior scientists and research personnel, assist students in the group, and/or serve as a grant/ contract Principal Investigator (PI) and assist Director in the administrative and other activities of the Institute. • Capacity building for all relevant line departments/agencies and stakeholders to create awareness on Climate Change and develop capabilities to handle various issues. 	
ICCS/ SB/01/ 22	Junior Scientist/ Scientist ‘B’ (Climate Monitoring, Analysis and Projection)	01	Doctorate Degree with thesis work in the areas of Meteorological/ Environmental/Physical sciences with first class in master	<ul style="list-style-type: none"> • PhD and Postdoc in relevant fields for engineering background applicants and post doc for 	Collection, compilation and management of weather and climate data, climate model	35 Years

			<p>degree in a relevant subject.</p> <p>Or</p> <p>1st Class MTech / ME in Atmospheric or Oceanic Sciences/ Engineering from a recognized university.</p>	<p>science background applicants.</p> <ul style="list-style-type: none"> • Publications in topics relevant to the job requirements in peer reviewed journals. • Working knowledge of climate datasets and climate models used for analyzing climate change. • Experience in handling of large volume of meteorological data and conversant with data format like NetCDF, HDF, GRIB etc. • Knowledge about relevant software, and analysis/visualization tools required for climate data management 	<p>outputs, and sectoral data from various climate sensitive user sectors. Real time monitoring of hazardous extreme weather and climate events like thunderstorm, lightning, heat waves, heavy rainfall, flash floods, cyclones, droughts etc. and conduct research on these and related topics. Research and data analysis using various statistical tools.</p>	
ICCS/ SB/02/ 22	Scientist ‘B’ (Climate Change Impact Analysis and Adaptation)	01	<p>Doctorate Degree with thesis work in the areas of Meteorological/ Environmental/ Physical sciences with first class in master degree in a relevant subject.</p> <p>Or</p> <p>1st Class MTech / ME in Atmospheric or Oceanic Sciences/ Engineering from a recognized university.</p>	<ul style="list-style-type: none"> • PhD and Postdoc in relevant fields for engineering background applicants and post doc for science background applicants. • Publications in topics relevant to the job requirements in peer reviewed journals. • Knowledge about climate change projections/ impacts/ vulnerability assessment/ adaptation and other climate change contemporary issues 	<p>Research work on downscaling and analysis of the simulations from climate prediction and projection models and generation of climate scenarios Assessment of the risk and vulnerability due to the climate change on the sensitive ecosystems and sectors, and development of sector specific adaptation strategies. Developing the climate applications in various climate sensitive</p>	35 Years

				<ul style="list-style-type: none"> • Knowledge about relevant software, and analysis/visualization tools required for the above stated job requirements. 	sectors like agriculture, water, health and disaster management. Work on hydrological data, drought monitoring/forecasting along with GIS application for various climate products, use of remote sensing data etc.	
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Director