



# FLUID CONTROL RESEARCH INSTITUTE

Kanjikode West, Palghat 678 623, Kerala

(An autonomous R & D Institute under Ministry of Industry)  
Department of Heavy Industry, Govt of India

Applications are invited for the post of

## 1. SR. RESEARCH OFFICER (PHYSICAL STANDARDS & METROLOGY LAB)

*Scale:*

Rs 3000-100-4500 (TE at the minimum of the scale Rs 8770/- p.m. (under revision))

*Qualification:*

Doctorate in Physics/M Tech in Engineering with machine design as specialization. In the case of persons with engineering background, proven experience in the use and application of FEM softwares will be an added qualification.

*Experience:*

Ph D/M Tech in engineering: 4/7 years of practical experience; Ph D in physics: about 10 years experience. Should be conversant with sophisticated metrology equipments and familiar with calibration procedures and standards of calibration of precision instruments.

*Responsibilities:*

The incumbent will be in charge of Physical Standards & Material Testing Laboratory and will plan and execute expansion of testing and calibration activities of the lab and cater to the calibration needs of small, medium and large scale industries.

*Age:* 40-45 years.

## 2. RESEARCH ENGINEER (SOFTWARE GROUP)

*Scale:*

Rs 2200-75-2800-100-1000 (TE at the minimum of the scale Rs 6458/- p.m. (under revision))

*Qualification and Experience:*

The candidate should preferably be an IIT post graduate with Mechanical Engineering/Specialization in Machine Design, familiar with FEM techniques, valve design and machine structure using CAD/CAM. Experience in CAD and FEM analysis for at least 5 years would be a prerequisite. Should be in a position to take up advanced mechanical analysis/calculations for hydraulic pressure equipment using FEM techniques. Fresh M Techs with specialization in CAD/FEM will be considered for Research Associates/Trainees.

*Age:*

30-35 years.

*How to apply:*

Candidates meeting the above requirements may apply within 15 days in the prescribed form obtainable from the Senior P&A Officer furnishing a non-refundable Postal Order worth Rs 25/- in favour of FCRL payable at Kanjikode West.