



## V A C A N C I E S

National Engineering Research and Development Centre (NERDC) is the premier engineering research and development organization, operating under the purview of the Ministry of Education of the government of Sri Lanka. Over the last 5 decades, NERDC has embarked on challenging and nationally important engineering research & developments projects, professional industrial services, precision machinery services and standard laboratory services through its competent workforce and state-of-the-art facilities. NERDC is now planning to collaborate with industrial partners, forming business partnerships, achieving targets and delivering outputs by working round the clock. Thus, NERDC intends to recruit qualified, energetic, proactive and innovative Sri Lankan professionals for the following posts.

### **6. Research Engineer (AR-1)**

- I. Civil Engineering
- II. Mechatronics/Mechanical Engineering with Mechatronics Stream

#### **6.1. Basic Academic Qualifications**

Bachelor's Degree of 4 years' duration in relevant engineering fields from a University recognized by the University Grants Commission (UGC) of Sri Lanka

OR

Associate Member of the Institute of Engineers, Sri Lanka.

#### **6.2. Job Description**

- Conducting Engineering Research and Development works timely within the budget guided with Senior Research Engineers
- Planning, designing and executing of field & laboratory experiments
- Planning, designing and executing of field trials
- Engineering design and fabrication of model of developed products
- Conducting literature surveys
- Supervising Technical Assistants and Technical Officers
- Analysis of experiments /trials results and preparation of reports
- Preparation of Technology transfer packages and involve in technology transfer activities
- Publication of research papers
- Attending seminars, workshops, conference of national and international level
- Assist the Senior Research Engineers, Principal Research Engineers and Research Fellows for their research projects
- Preparation of drawings and BOQs
- Participating technical evaluation committees
- Participating research planning Council
- Submission of research proposals to research planning council
- Coordinating with research teams and be an active team player.

#### **6.3. Areas of Expertise**

- I. Civil Engineering

**Selected candidate should**

- have effective communication skills and ability to collaborate with project teams

- have project management and leadership experiences
- have knowledge of civil engineering design, quantity surveying and structural analysis
- have experience in relevant software and tools used in civil engineering (PROCON, SAP, ETAB)
- have knowledge in construction standards (BS/EUROCODE) and guidelines (CIDA)
- have analytical and problems solving skills to address engineering challenges
- have ability to bring innovative and creative solutions to engineering problems

## II. **Mechatronics/Mechanical Engineering with Mechatronics Stream**

### **Selected candidate should**

- have effective communication skills and ability to collaborate with project teams
- have project management and leadership experiences
- have knowledge of mechatronic and mechanical engineering designs
- have analytical and problems solving skills to address engineering challenges
- ability to bring innovative and creative solutions to engineering problems
- knowledge in mechatronics; pneumatic and hydraulic systems, design and PLC programming
- have knowledge of basics of electrical installation, instrumentation and measurement techniques, power and control panel design
- knowledge of power electronics, microelectronic and programming techniques
- knowledge in relevant software (CAE/CAM/CAD) and tools used in mechatronic engineering

### **6.4. Age**

Should be not less than 22 years and not more than 45 years. (The upper age limit will not apply to the employees of the Government Corporations/ Boards/ Public Sector).

### **6.5. Salary Code and the Monthly Salary Scale - AR 1-2016; Rs. 53,150 - 10 x 1,375 - 15 x 1,910 - 95,550**

**Basic Salary** - Rs. 53,150/- + 15,000/- + 12,800/- + 5,000/-

(Basic salary + Government approved engineering allowance + Cost of Living allowance + Special allowance based on the government circular provisions)

### **6.6. Other Benefits**

- Centre contributes 15% of the salary to the Employees Provident Fund and employee should contribute 10%.
- Centre contributes 3% of the salary to the Employees Trust Fund.
- Reimbursement of medical bills as per the approved Medical Scheme of the NERD Centre.
- Communication allowances (Residential/mobile phones)
- Pool transport for the scheduled destinations through main routes
- Disbursement of income generations through profitable projects/services

### **6.7. Recruitment Procedure**

Applications are short listed, competitive written examination and a structured interview conducted by a panel appointed by the appointing authority.

### **General Conditions**

Applicants should forward their signed application with copies of birth certificate, educational certificates, experience and service certificates and other relevant certificates, names, addresses and telephone numbers of two non-related referees under the registered post to reach the Director General Office, National Engineering Research and Development Centre, 2P/17B, Industrial Estate, Ekala, Jaela, on or before 25th February 2024. Applications (in pdf format) via e-mail (**careers@nerdc.lk**) will also be accepted and the received applications will be acknowledged.

The application should be sent using the **NERDC Specimen Application Form**. Applications which are not in accordance to the Specimen Application Form **will be rejected**.

Any application received after the closing date or does not confirmed to the above requirements will not be entertained.

Applications from officers in Government Departments/Corporations/Statutory Boards should be forwarded their applications through respective Heads of the institute. An advance copy may be sent directly.

The post applied should be marked on the top left hand corner of the envelope.

Any form of verbal or written canvassing is strictly prohibited and such an attempt shall be considered as a reason for disqualification.

**Closing date of applications is 25<sup>th</sup> February 2024.**

The National Engineering Research and Development Centre reserve the rights to decide on the number of candidates to be recruited.

**Director General  
National Engineering Research and Development Centre,  
2P/17B, Industrial Estate, Ekala, Ja elala  
TP. - 0113 500 015/0112 236 284/0112 236 307  
E-mail - careers@nerdc.lk**