

# **Telecommunications Regulatory** Commission of Sri Lanka



## Vacancies

### **Posts of Assistant Directors**

The Telecommunications Regulatory Commission of Sri Lanka (TRCSL) is the regulatory authority for telecommunications sector of the country with responsibility for facilitating the development of competitive, innovative and consumer-focused telecommunications, and is also responsible for managing and regulating the radio frequency spectrum in Sri Lanka.

TRCSL is a multi-disciplined, professional organization operating in a complex, dynamic environment.

We are looking for dynamic, result oriented, qualified and experienced individuals for the following positions in the Compliance Division of TRCSL.

# Job Title and Job Description:

No	Job Title	No. of vacancies	Job Description
1	Assistant Director (Compliance)	03	Handle all the Compliance Issues in the Telecom     Sector
			2. Monitoring the operators to fulfill their license conditions
			3. Monitor the inter-operator relations and negotiations.
			4. Design and implementation of incentive schemes for expansion of rural telecommunication services
			5. Monitoring and handling issues related to statutory compliance and licence conditions
			6. Managing the Consumer issues, Consumer surveys, Quality of Service Standards
			7. Handling the Consumer complaints, under section 09 of the Telecommunication Act.
			8. Submit the proposals for developing the Consumer relations & Consumer protection
			Organizing meetings with operators to take relevant steps for developing the consumer rights.
2	Assistant Director (Financial Investigation)	01	Conducting the financial investigations regarding irregularities in the aspects of taxes and charges.
			2. Conducting the investigations and preparation of reports and recommendations on revenue, consumer base and taxes in telecom sector, as required by the Director General.
3	Assistant Director (Technical Investigation)	01	Conducting the investigations regarding the technical irregularities in relation to the telecommunication sector.
			2. Preparation of reports and recommendations on technical matters as required by the Director

Communications sector.

All-inclusive of Rs. 125,000 per month

Qualifications and Experience:

Associate membership of the Institution of Engineers, Sri Lanka(IESL) or similar membership of other professional Engineering Institution recognized by IESL; and Minimum of three (03) years professional work experience, ideally in the Telecommunications / Radio

and

recognized by University Grant Commission of Sri Lanka or equivalent qualification;

General.

1st or 2nd class Bachelor's (Special Degree) preferably in the Engineering field from any university

Desired: Sound understanding of ICT / telecommunications / radiocommunications technologies; how they are

## Excellent Communication skills (written and oral) in English and Sinhala / Tamil

- Age Limit:
- Salary Package:

used by Operators or Service Providers & consumers in Sri Lanka.

The appointment will be on contract basis with entitlement for EPF & ETF.

## Nature of Appointment:

Mode of Selection:

Not more than 30 years on the date of closing of applications.

### applicants based on the criteria in table below. After initial screening, only short-listed applicants will be called for a written examination. Applicants who obtain the highest marks in the written examination will be invited

Duration of Contract:

Mode of Application:

is optimally and efficiently managed.

Job Title and Job Description:

Job Title

Assistant Director/

Spectrum Planning

Assistant Director /

**Assistant Director** 

Assistant Director /

Spectrum

Analysis

Engineering

5. Assistant Director /

IoT Wireless Technologies

Spectrum

Monitoring &

Enforcement

Spectrum Licensing

for an interview.

One year with possibility of renewal for additional years. Merit Pool: The selection process will establish a merit pool that may be used to fill similar positions within next 12 months.

Application giving Full Name, Date of Birth, Age, Nationality, Educational Qualifications, Experience and any

other details with names and address of two non-related referees should be forwarded to Director General,

**Director General** 

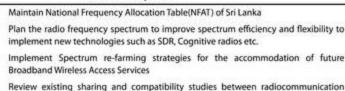
Selection will be through a structured interview preceded by a written examination to assess the skills of the

Telecommunications Regulatory Commission of Sri Lanka, No. 276, Elvitigala Mw, Colombo 08 under registered cover along with copies of relevant certificates to reach on or before 11.03.2021 including the post for which the application is made on top left hand cover of the envelope.

The Telecommunications Regulatory Commission of Sri Lanka No. 276, Elvitigala Mawatha, Colombo 08. **Telecommunications Regulatory** Commission of Sri Lanka

**Vacancies** 

Posts of Assistant Directors



Job Description

Assist to conduct national and international frequency coordination

Oversee collection of license fee for the renewal of frequency licenses

Keeping database records for the coordination activities with neighbouring countries Generating ITU notification forms for frequency assignments requiring international

Assess the impacts of new radio applications on existing investment in spectrum

Evaluate application forms for assignment of frequencies for all categories of radio

communication Services (Point- to- Point, Point- to- Multi points, Satellite Public

Assist to issue invoices for new assignments/renewal of licenses and issuance of

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between cellular and satellite services

Mobiles, Private Mobile, WLAN etc.)

and consumer-focused telecommunications, and is also responsible for managing and regulating the radio frequency spectrum in Sri Lanka.

We are looking for dynamic, result oriented, qualified and experienced individuals for the following positions in the Spectrum Management division of TRCSL.

Associate membership of the Institution of Engineers, Sri Lanka(IESL) or similar membership of other Implement Spectrum re-farming strategies for the accommodation of future professional Engineering Institution recognized by IESL; and Minimum of three (03) years professional work experience, ideally in the Telecommunications/Radio Review existing sharing and compatibility studies between radiocommunication Communications sector. services in co-channel and/or adjacent frequency bands, with focus on co-existence

 Analyze and evaluate technical parameters of various radiocommunication services, Desired: e.g. Fixed, mobile, satellite, and broadcasting Sound understanding of ICT/telecommunications /radiocommunications technologies; how they are Conduct and review existing sharing and compatibility studies between used by Operators or Service Providers & consumers in Sri Lanka. radiocommunication services in co-channel and/or adjacent frequency bands, with High level of computing competence in applications such as Word, Excel, PowerPoint, Project GIS focus on co-existence between cellular and satellite services knowledge. Use propagation and system modelling to assess coexistence scenarios between different wireless technologies

Salary Package:

Assist to relinquish spectrum that is not being used efficiently or effectively Carry out on-site inspection prior to issuance of license and post-licensing inspection Carry out Radio site engineering surveys for all the services Assess the effective & efficient utilization of spectrum bands assigned to fixed/mobile Operators Assist to perform spectrum audits Assess the utilization of radio spectrum bands assigned to mobile networks

Enforcement of license terms and conditions to enable users to operate without causing interference to each other Carryout activities related to radio spectrum monitoring and perform testing Investigate interference complaints & eliminate of harmful interference Identify of illegal/unlicensed use of spectrum in the country and take regulatory actions against unauthorized (does not comply with the license condition) users/ illegal use of spectrum

carry out on-site inspection in case of reported harmful interference and analysis

Assist law enforcement agencies to conduct raids against illegal use of radio

Maintenance and calibration of laboratory test equipment and other equipment used

Assist to investigate interference complaints and resolve interference issues

process spectrum monitoring reports on harmful interreference

Ensure that the use of radio and radio frequencies throughout the spectrum conforms

- by the inspection and monitoring elements of the organization Carry out Radio compatibility and EMC studies Use propagation and system modelling to assess coexistence scenarios between different wireless technologies Propagation prediction using digital terrain elevation data and propagation models
- about 87-108 MHz and the aeronautical services in the band 108-137 MHz Intermodulation interference and desensitization analyses Analyze and evaluate technical parameters of various radiocommunication services, e.g. mobile, satellite, fixed, radar and broadcast Calculation of the coordination contours for earth stations of geostationary satellites according to ITU Radio Regulations and determination of terrestrial radio stations being inside this contour and sharing the same frequency band

these results to facilitate new options for spectrum sharing

Weightless-P, Wi-SUN, Ingenu, etc.

IoT applications in Sri Lanka and Allocation

Security & Safety, etc by use of wireless technologies

Calculation of the station coverage area and displaying on digital maps

recommended by ITU

Microwave fink analysis

Identify availability of spectrum that suitable for Internet-of-Things(IoT) applications Wireless Personal Area Network WPAN/ Wireless-Local Area Network (WLAN) -Bluetooth, BLE, INSTEON, IrDA,6LoWPAN, RFID, NFC, Z-Wave, ZigBee, wireless

Low Power Wide Area Network (LPWAN) -Sigfox, Lora WAN, Cat-M1, Cat-NB1,

Perform analysis using spectrum engineering tools to determine the radio

performance of mobile cellular and other wireless networks, e.g. coverage, radio interference, co-existence parameters that promote efficient and effective spectrum

Measure the real impact of new radio systems on the wireless environment and use

- Wireless Wide Area Network (WWAN) -GPRS, 3G, 4G, Cat-1, 5G, Satellite. Study and develop technical standards for wireless IoT technologies being used in in

Develop domain specific strategies for IoT applications in Agriculture, Health, Education. Environment, Water quality, Transportation, Vehicular Traffic, Public

Develop network infrastructure related to IoT based project plans to be shared with

- Intra-service interference analysis in analogue radio/TV and cellular mobile services Compatibility calculations between the sound broadcasting service in the band of Integrity
- Identify the spectrum ranges suitable for narrowband, wideband, short or long-range

be invited for an interview.

All-inclusive of Rs. 125,000 per month

Nature of Appointment:

Mode of Selection:

Relevant

Experience

Qualifications and

Strategic Thinking

Achievement of

Results

Ability

Not more than 30 years on the date of closing of applications.

The appointment will be on contract basis with entitlement for EPF & ETF.

Communications

Selection will be through a structured interview preceded by a written examination to assess the skills of the applicants based on the criteria in table below. After initial screening, only short-listed applicants will be

operational activities across a range of radio communication services

implement activities effectively proven multi-tasking skills

Effectiveness in managing human resources

to understand and analyze complex situations

Demonstrates professional expertise

Experience in the field of Telecommunications preferably in Radio Communication

Understanding of new technologies in Telecommunications and Radio

Understands basic concepts of Telecommunication regulations and Radio Spectrum

Strong organizational skills, with the ability to establish plans and priorities and

A proven ability to apply analytical and critical thinking techniques to solving

Good technical and analytical problem-solving skills including a demonstrated ability

Strong written communications skills with experience in drafting reports, concept

Qualifications and Experience:

recognized by University Grant Commission of Sri Lanka or equivalent qualification;

Shows judgement, intelligence and common-sense Assesses the environmental impacts due to activities of the industry

### Proven ability to develop systems and implement Cultivati

Ability to understand and express views within a multi-disciplinary environment. **Duration of Contract:** One year with possibility of renewal for additional years.

Merit Pool: The selection process will establish a merit pool that may be used to fill similar positions within next 12

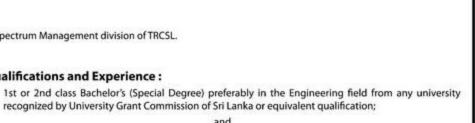
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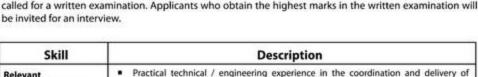
Colombo 08.

No.276, Elvitigala Mawatha,

The Telecommunications Regulatory Commission of Sri Lanka (TRCSL) is the regulatory authority for telecommunications sector of the country with responsibility for facilitating the development of competitive, innovative The management of the radio spectrum involves the careful consideration and balancing of a broad range of factors (technical, regulatory, social, economic and administrative) with a view to ensuring that the radio spectrum







problems quickly and effectively. Focusses strategically Harnesses information and opportunities

	<ul> <li>Proven ability to use engineering principles to solve the issues of the industry &amp; pub.</li> </ul>		
Cultivation of Productive	<ul> <li>Ability to work effectively with the people who have different professional &amp; social backgrounds (internal and external)</li> </ul>		
Relationships	Promotes and enhances team performance through working collaboratively and is cooperation with others to achieve goals		
	<ul> <li>Values individual differences and diversity</li> </ul>		
Demonstration of	Demonstrates public service professionalism		
Personal Drive and	<ul> <li>Engages with risk and shows personal courage</li> </ul>		
Integrity	Commits to work		
	Displays resilience		
	<ul> <li>Understanding of professional codes of ethics for Engineers</li> </ul>		
Communication	<ul> <li>Ability to communicate clearly, concisely and effectively both orally and in writing</li> </ul>		

Steers and implements changes and deals with uncertainties

Telecommunications Regulatory Commission of Sri Lanka, No.276, Elvitigala Mw, Colombo 08 under regis-

The Telecommunications Regulatory Commission of Sri Lanka

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