

Telecom Regulatory Authority of India
Mahanagar Doorsanchar Bhavan, J.L. Nehru Marg (Old Minto Road)
Next to Zakir Hussain College, New Delhi – 110 002

VACANCY NOTICE NO. 1-2/2010-A&P (III)

Date of Issue : 31.5.2010. Deadline for applications: 01.7.2010
Post : 14 Posts of Senior Research Officer for different Divisions of TRAI (details in Annexure)
Type of Appointment : Deputation from Ministries and Departments of Central Government/Public Sector Undertakings/Statutory and Autonomous Bodies initially for a period of two years.
Scale of Pay and other allowances: a) Pay Band-3, Rs.15600-39100 + GP Rs.6600. b) Allowances such as DA, HRA, etc. as per Govt. Rules. c) Medical facility as admissible to the employees of TRAI.
Date of joining: As soon as possible.
Duty Station: New Delhi

TELECOM REGULATORY AUTHORITY OF INDIA

The Telecom Regulatory Authority of India (TRAI), New Delhi is a statutory body set up under an Act of Parliament viz. the TRAI Act, 1997. TRAI's mission is to create and nurture conditions for the growth of telecommunication including broadcasting and cable services in the country in a manner and at a pace which will enable India to play a leading role in the emerging global information society. The goals and objectives of TRAI are focused towards providing a regulatory regime that facilitates achievement of the objectives of the Telecom Policy of Govt. of India.

2. Eligibility conditions:

- (i) Officers of the Central Government, Public Sector Undertakings and Statutory and Autonomous Bodies (i) holding equivalent post on regular basis or (ii) officers in Junior Time Scale with four years of regular service in that grade or seven years of regular service in the grade of Section Officers or equivalent or seven years of combined service on regular basis in the Junior Time Scale/Section Officer's grade. The officer must be conversant with working on computer.

- (ii) The candidate should be preferably in the age group of 35-40 years as on the date of closing of applications.

3. Educational qualifications, work experience required and duties to be performed for each post is indicated in the enclosed Annexure.

4. These posts have been exempted from the rule of immediate absorption for a period of 3 years by Department of Pension & Pensioners Welfare for appointment on deputation.

5. How to apply :

All the Ministries/Departments/Public Sector Undertakings/Statutory and Autonomous bodies are requested to forward applications in the enclosed proforma (which can also be downloaded from TRAI website: www.traigov.in), along with attested copies of ACRs for the last five years, vigilance clearance and integrity certificate of eligible candidates, whose services could be placed immediately at the disposal of the Authority in the event of their selection. The application should be sent in an envelope super-scribing the post applied for so as to reach the Senior Research Officer (A&P), Telecom Regulatory Authority of India, Mahanagar Doorsanchar Bhavan, Jawaharlal Nehru Marg, (Old Minto Road), Next to Zakir Hussain College, New Delhi – 110 002 on or before 01.7.2010.



(S.D. Sharma)
Deputy Advisor (HR & OS)

Copy to All Ministries/Departments of Government of India, Public Sector Undertakings, Statutory & Autonomous Bodies.

Internal circulation for information to:

1. PPS to Secretary, TRAI
2. All Principal Advisors/Advisors, TRAI
3. SRO (IT) – He is requested to post the circular on the TRAI website.
4. Notice Board

Name of the Division: ADMINISTRATION & HUMAN RESOURCE MANAGEMENT

POST	DUTIES TO BE PERFORMED	QUALIFICATION REQUIRED	WORK EXPERIENCE REQUIRED
S-4 SRO (Hardware)	<ul style="list-style-type: none"> Maintenance of TRAI LAN Infrastructure including computer, printer, UPS, Servers, Routers, Switches and related software and other IT related infrastructure and configuration (including trouble shooting) of Server, Router and Switches. Procurement of Computers, Printers, Servers, Routers, Switches, UPS and other IT related hardware equipments and its related software. Preparation of tender documents and agreements for AMC of LAN, Computers, Printers, UPS, etc and preparation of specification for hardware items such as Computers, Printers, Servers, Routers, Switches, UPS and other IT related items. 	<p>A Degree in Engineering/A Post-Graduate Degree in Science from a recognized university.</p> <p>(A Post-Graduate Degree in IT/Computer Application will be preferred)</p>	<ul style="list-style-type: none"> A minimum three years of working experience in IT field and hardware maintenance, management of Computers, Printers and other IT peripherals, Routers, Servers, (both Windows & Linux environment) Switches and related Software.

Name of the Division : LEGAL

Post	Duties to be performed	Qualification Required	Work Experience Required
<p>S-10 SRO (Litigation - I) (Telecom Sector)</p>	<ul style="list-style-type: none"> • All litigations involving TRAI relating to Telecom Sector. • Drafting/venting of replies, counter affidavits, appeals, etc. to be filed in TDSAT and other Courts relating to Telecom Sector. • Advising on litigation matters relating to Telecom Sector. • Submission of daily status reports and circulation of weekly list of cases. • Research work 	<p>A Degree in law from a recognized University (A Post-Graduate Degree in law from a recognized University will be preferred)</p>	<p>Essential:</p> <ul style="list-style-type: none"> • A minimum of three years experience in handling litigation before courts/tribunals on behalf of Central Government or Central PSU/Statutory Bodies or as an advocate having expertise in drafting of pleadings and their venting/settling, briefing of senior lawyers and monitoring litigation work, etc. • Must have adequate knowledge/ understanding of regulatory laws and the design of regulatory institutions and their working. • Must have working knowledge of computers. <p>Desirable:</p> <ul style="list-style-type: none"> • A basic understanding of the laws and regulatory regime governing telecommunication in India.

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Name of the Division : LEGAL

Post	Duties to be performed	Qualification Required	Work Experience Required
S-11 SRO (Litigation-II - Prosecution matters)	<ul style="list-style-type: none">• Matters relating to prosecution including filing of complaints before magistrates and follow-up action for violation of regulations/directions issued by TRAI in Telecom Sector, Broadcasting and Cable Services Sector.• Processing of payment of bills of advocates engaged by TRAI in various litigation matters.• Coordination with TRAI counsel	A Degree in law from a recognized University (A Post-Graduate Degree in law from a recognized University will be preferred)	<p>Essential:</p> <ul style="list-style-type: none">• A minimum of three years experience in handling litigation before courts/tribunals on behalf of Central Government or Central PSU/Statutory Bodies or as an advocate having expertise in drafting of pleadings and their vetting/settling, briefing of senior lawyers and monitoring litigation work, etc.• Must have adequate knowledge/ understanding of regulatory laws and the design of regulatory institutions and their working.• Must have working knowledge of computers. <p>Desirable:</p> <ul style="list-style-type: none">• Experience in drafting statutory criminal complaints and handling prosecution matters in criminal courts is desirable.

Name of the Division: Economic Regulations

Post	Duties to be performed	Qualification required	Work experience required
<p>S-14 SRO (Economic Monitoring Unit -1/2) (Telecom Sector)</p>	<ul style="list-style-type: none"> Monitoring of telecom tariffs Examination and analysis of telecom tariff reports submitted by telecom service providers. Examination and disposal of consumer complaints. Preparation of guidelines/reports on measures relating to consumer protection and education governing publication of tariff plans by the service providers. Handling of matters relating to Parliament Questions, RTI, legal/court cases 	<p>A Post-Graduate Degree with Economics as a subject or Membership of Institute of Chartered Accountants of India/Institute of Cost and Works Accountants of India</p> <p>(A Post-Graduate Degree in Economics with Specialization in Economics/Business Applied Economics/Econometrics will be preferred)</p>	<p>Essential:</p> <ul style="list-style-type: none"> A minimum of three years experience in handling of telecom tariff related matters, competition issues, drafting of economic regulations/tariff orders and preparation of consultations/ policy papers. Must have working knowledge of computers. <p>Desirable:</p> <ul style="list-style-type: none"> Experience in handling matters relating to Parliament Questions, RTI, Legal/Court cases Handling of consumer complaints.

Name of the Division: Economic Regulations

Post	Duties to be performed	Qualification required	Work experience required
S-16 SRO (Economic Monitoring Unit – II (Broadcasting))	<ul style="list-style-type: none"> Monitoring of tariffs for broadcasting sector. Handling of matters pertaining to economic regulation of DTH, HTS, IP TV and Mobile TV. Handling matters relating to regulations and consultations for promoting efficiency and growth in broadcasting sector. Handling of matters relating to Parliament Questions/RTI/ Legal/Court cases. Dealing with consumer complaints. 	<p>A Post-Graduate Degree with Economics as a subject or Membership of Institute of Chartered Accountants of India/Institute of Cost and Works Accountants of India</p> <p>(A Post-Graduate Degree in Economics Specialization in Applied Economics/Business Economics/Econometrics will be preferred)</p>	<p>Essential:</p> <ul style="list-style-type: none"> A minimum of three years experience in handling matters relating to broadcasting/ cable/DTH services and tariff monitoring, including handling of matters relating to competition issues /economic regulations and consumer protection. Must have working knowledge of computers. <p>Desirable:</p> <ul style="list-style-type: none"> Experience in handling matters relating to Parliament Questions, RTI, Legal/Court cases Handling of consumer complaints. Analysis and scrutiny of statistical data and preparation of analytical reports.

Name of the Division: Economic Regulations

Annexure

Post	Duties to be performed	Qualification required	Work experience required
<p>S-17 SRO (Economic Intelligence Unit -II (Cable)</p>	<ul style="list-style-type: none"> • Analysis of tariffs for cable services in CAS and Non-CAS areas. • Handling matters pertaining to economic regulation of cable services. • Handling matters relating to regulations and consultations for promoting efficiency and growth in cable services. • Handling of matters relating to consumer complaints, Parliament Questions and RTI. 	<p>A Post-Graduate Degree with Economics as a subject or Membership of Institute of Chartered Accountants of India/Institute of Cost and Works Accountants of India</p> <p>(A Post-Graduate Degree in Economics Specialization in Applied Economics/ Business Economics/ Econometrics will be preferred)</p>	<p>Essential:</p> <ul style="list-style-type: none"> • A minimum of three years experience in handling matters relating to broadcasting/ cable/DTT services and tariff monitoring, including handling of matters relating to competition issues /economic regulations and consumer protection. • Must have working knowledge of computers. <p>Desirable:</p> <ul style="list-style-type: none"> • Experience in handling matters relating to Parliament Questions, RTI, Legal/Court cases • Handling of consumer complaints. • Analysis and scrutiny of statistical data and preparation of analytical reports.

Name of the Division : **MOBILE, SPECTRUM & WIRELESS BROADBAND DIVISION**

Post	Duties to be performed	Qualification Required	Work Experience Required
<p>S-20 SRO (Spectrum Management)</p>	<ul style="list-style-type: none"> • Handling of the issues related to Spectrum assignment, its efficient usage, pricing, radiation, re-farming etc. • Study the international practices on spectrum management and implement them in India wherever feasible. • Study the various ITU recommendations on spectrum and prepare information papers. • Prepare consultation/ recommendations on the assigned subjects • Handling of issues related to telecom towers • Handling of court cases/legal matters on the related subjects • Handling of matters relating to Parliament questions/RTI 	<p>A Degree in Electronics or Telecommunications Engineering or equivalent from a recognized university. (A Post-Graduate Degree in Electronics or Telecommunications Engineering or equivalent will be preferred).</p>	<p>Essential:</p> <ul style="list-style-type: none"> • A minimum of three years experience in area of spectrum management • Must have experience in wireless communication • Must have working knowledge of computers. <p>Desirable:</p> <ul style="list-style-type: none"> • Experience in implementation of international practices on spectrum management. • Handling of court cases/legal issues.

Name of the Division: TECHNOLOGY DEVELOPMENT, RESEARCH & ANALYSIS

Post	Duties to be performed	Qualification Required	Work Experience Required
<p>S-24 SRO (Technology Development and Research - D) (Wireless)</p>	<ul style="list-style-type: none"> Keep abreast with the technology trends in telecommunication systems deployed and innovation done. Prepare research/ study papers and technical presentation for in-house and telecommunication industry at large in evolving telecommunication, networks, technologies and platforms. Provide technical inputs for various consultation papers issued by TRAI. Impart technical in-house training to the officers in the TRAI. Contribute in preparation of EOI/TOR/ bid document for various technological consultancies. Technology surveys, field visits and handling technical projects undertaken by TRAI. 	<p>A Degree in Engineering/A Post-graduate Degree in Science from a recognized University. (A Post-graduate degree in Engineering/ Ph.D. in the relevant discipline will be preferred).</p>	<p>Essential:</p> <ul style="list-style-type: none"> A minimum of three years' experience in teaching/ research and/ or operation planning, installation and/ or maintenance in the technologies like 2G/ 3G, Wi-Max and/ or network elements used in IP access and core networks. Should have exposure to new technologies like HSPA, 3G, LTE, IMS. Must have strong technical background and in-depth exposure to the latest technologies in diverse areas of telecommunication and broadcasting. Must have knowledge of convergence, IMS and various other technologies for quadruple play. Must have working knowledge of computers. <p>Desirable:</p> <ul style="list-style-type: none"> Should have demonstrated technical writing and presentation skills. Should be familiar with work going on in ITU, ETSI, and other world bodies.

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Name of the Division: TECHNOLOGY DEVELOPMENT, RESEARCH & ANALYSIS

Post	Duties to be performed	Qualification Required	Work Experience Required
S-25 SRO (Technology Development and Research - IT (Wireline and NGN))	<ul style="list-style-type: none">• Keep abreast with the technology trends in telecommunication systems deployed and innovation done.• Prepare research/ study papers and technical presentation for in-house and telecommunication industry at large in evolving telecommunication, networks, technologies and platforms.• Provide technical inputs for various consultation papers issued by TRAI.• Impart technical in-house training to the officers in the TRAI.• Contribute in preparation of EOI/TOR/ bid document for various technological consultancies.• Technology surveys, field visits and handling technical projects undertaken by TRAI.	<p>A Degree in Engineering/A Post-Graduate Degree in Science from a recognized University.</p> <p>(A Post-graduate degree in Engineering/ Ph.D. in the relevant discipline will be preferred).</p>	<p>Essential:</p> <ul style="list-style-type: none">• A minimum of 3 years experience in planning, installation and/ or operation of new technology switches.• Must have strong technical background and in-depth exposure to the latest technologies in diverse areas of telecommunication and broadcasting.• Must have knowledge of NGN, convergence, IP core networks, fiber optic networks and technologies for quadruple play.• Must have working knowledge of computers. <p>Desirable:</p> <ul style="list-style-type: none">• Should have demonstrated technical writing and presentation skills.• Should be familiar with work going on in ITU, ETSI, and other world bodies

Name of the Division : APPLICATIONS AND CONSUMER AFFAIRS

Post	Duties to be performed	Qualification Required	Work Experience Required
S-26 SRO (VAS)	<ul style="list-style-type: none"> • To promote growth of value added services through telecom networks. • To analyse technical, regulatory and economic aspects of value added services. • Preparation of study papers on related issues, conducting seminars, etc. • To keep abreast of future scenario/new developments, interface standards, service specifications prescribed by world bodies, collection & compilation of relevant data etc. 	<p>A Degree in Engineering or a Post-Graduate Degree in any discipline from a recognized University, (A Post-Graduate Degree in Engineering will be preferred).</p>	<p>Essential:</p> <ul style="list-style-type: none"> • A minimum of three years' experience in planning, licensing and operations of value added services. • Must have exposure to present telecom networks, their capabilities and future technological trends • Must have knowledge of prevailing value added services both on IP platform & mobile. • Must have working knowledge of computers. <p>Desirable:</p> <ul style="list-style-type: none"> • Experience in analysis of technical and economic aspects of value added services.

Name of the Division : APPLICATIONS AND CONSUMER AFFAIRS

Post	Duties to be performed	Qualification Required	Work Experience Required
<p>S-28 SRO (Consumer Affairs -II) (Broadcasting and Cable Services Sector)</p>	<ul style="list-style-type: none"> • Undertake programmes to educate consumers of the B&CS Services about measures taken by Central Government / TRAI for protecting interest of consumers. • Conduct studies and market research projects either directly or through specialized agencies or institutions on matters relating to consumer protection in Broadcasting & Cable TV Services. • Organize seminars, symposia, workshops on the subject of consumer welfare, consumer education and empowerment of Consumer Advocacy Groups in the field of Broadcasting & Cable TV Services. • Development of consumer advocacy in the field of Broadcasting & Cable TV Services, interaction with consumer advocacy groups. • Development and Administration of B&CS Consumers Grievance Monitoring System • Dealing with complaints received from consumers including analyzing them for violations of regulatory aspects. 	<p>A Degree in Engineering or a Post-Graduate Degree in any discipline from a recognized University.</p>	<p>Essential:</p> <ul style="list-style-type: none"> • A minimum of three years' experience in the fields of consumer affairs and in coordination and redressal of consumer grievances in the Broadcasting and Cable Services Sector or other public utility services. • Must have working knowledge of computers. <p>Desirable:</p> <ul style="list-style-type: none"> • Experience in interaction with consumer groups and organizing workshops/seminars.

Name of Division : REGULATORY ENFORCEMENT & INTERNATIONAL RELATIONS

Post	Duties to be performed	Qualification Required	Work Experience Required
<p>S-31 SRO (License and Regulatory Compliance - II)</p>	<ul style="list-style-type: none"> • Handling issues relating to compliance of terms and conditions of various Broadcasting licenses/ permissions issued to Broadcasters/ Cable Operators/DTH Operators/ MSOs. • Organizing and conducting periodical surveys/ Field visits to the premises of Broadcasters/ Cable Operators/DTH Operators/ MSOs. • Monitoring of compliance of Regulations/ Directions/ Orders issued by TRAI. • Organising and conducting enquiries pertaining to violations by Broadcasters/ Cable Operators/DTH Operators/ MSOs. • Issue of Show Cause notices to the Broadcasters/ Cable Operators/ DTH Operators/ MSOs violating the terms and conditions of licenses and Regulations/ Directions/ Orders issued by TRAI. 	<p>A Degree in Engineering or a Post-Graduate Degree in any discipline from a recognized University.</p>	<p>Essential:</p> <ul style="list-style-type: none"> • A minimum of three years' experience in the field of Broadcasting and Cable Services Sector out of which at least one year experience of evaluating technical parameters. • Must have knowledge of legal issues related to Broadcasting and Cable Services Sector. • Must have working knowledge of computers. <p>Desirable:</p> <ul style="list-style-type: none"> • Experience in conducting surveys and field visits • Knowledge of issue of show cause notices and follow up action for violation of regulations and orders of Statutory Authorities.

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Name of the Division: Quality of service

Post	Duties to be performed	Qualification Required	Work Experience Required
S-35 SRO(QoS - D)	<ul style="list-style-type: none">• Monitor and analyse Cable TV, DTH, HTS, IPTV, MTV, FM Radio services being provided from quality of service point of view and suggest critical parameters and action for ensuring the quality of service.• Oversee inspections/ Test drives and QoS survey through third party to assess QoS being provided by different Cable TV, DTH, HTS, IPTV, MTV, FM Radio service providers.• Propose draft regulations for QoS parameters for different services.• Prepare consultation papers to address QoS requirement and derive QoS parameters.• Assist the Authority in reference to various issues related to QoS parameters and proposal for future action.• Handling of Court cases.	A Degree in Engineering or a Post-Graduate Degree in any discipline from a recognized university.	<p>Essential:</p> <ul style="list-style-type: none">• A minimum of three years' experience in planning/operation and maintenance of Cable TV, DTH, HTS, IPTV, MTV, FM Radio networks including monitoring of QoS parameters.• Must have exposure to Cable TV, DTH, HTS, IPTV, MTV, FM Radio networks and services being provided in relation to QoS requirement. <p>Desirable:</p> <ul style="list-style-type: none">• Must have working knowledge of computers.• Experience to oversee the performance of third party agencies, their selection.

Post	Duties to be performed	Qualification Required	Work Experience Required
S-36 SRO(QoS - II)	<ul style="list-style-type: none"> • Oversee metering and billing audit of telecom service providers through third party to ensure compliance with published tariff. • Propose draft regulations for Grievance Redressal for Telecom Services. • Prepare consultation papers to address consumer issues. • Assist the Authority in reference to various issues related to Metering & Billing, Grievance Redressal and Consumer Protection measures and proposal for future action. 	<p>A Degree in Engineering or a Post-Graduate Degree in any discipline from a recognized university.</p>	<p>Essential:</p> <ul style="list-style-type: none"> • A minimum of three years' experience in billing & metering frame work adopted by telecom service providers and related intricacies and dealing with public grievance issues and redressal system. • Must have experience in handling court cases, especially relating to deficiency in service/ public utility services. • Must have working knowledge of computers. <p>Desirable:</p> <ul style="list-style-type: none"> • Experience in drafting regulations for grievances redressal for telecom services.