



**GOVERNMENT OF INDIA, DEPARTMENT OF SPACE
INDIAN SPACE RESEARCH ORGANISATION
U R RAO SATELLITE CENTRE &
ISRO TELEMETRY TRACKING AND COMMAND NETWORK
BENGALURU**



वि.स.यू.आर.एस.सी. Advt. No.URSC:ISTRAC:01:2024

February 10, 2024

RECRUITMENT OF SCIENTIST / ENGINEER - 'SC' / TECHNICAL ASSISTANT / SCIENTIFIC ASSISTANT / LIBRARY ASSISTANT / TECHNICIAN - 'B' / DRAUGHTSMAN - 'B' / COOK / FIREMAN - 'A' / HEAVY VEHICLE DRIVER - 'A' / LIGHT VEHICLE DRIVER - 'A'

THE RESPONSIBILITY TO ENSURE THE FULFILLMENT OF ELIGIBILITY CRITERIA AND REQUIREMENTS DETAILED IN THIS ADVERTISEMENT RESTS WITH THE APPLICANT. APPLICANTS ARE THEREFORE ADVISED TO CAREFULLY READ THE FULL ADVERTISEMENT BEFORE PROCEEDING FOR ONLINE APPLICATION.

CANDIDATES ARE ADVISED NOT TO TAKE COGNIZANCE OF FAKE OFFER OF APPOINTMENT FOR JOBS IN ISRO

U R Rao Satellite Centre (URSC) situated in Bengaluru of Karnataka State is the lead centre of ISRO for satellite technology. URSC is in the forefront of spacecraft technology towards conceptualization, design, development, fabrication, testing, launch and in-orbit management of spacecraft. As a sequel to its mandate of spacecraft development, the centre is engaged in development of cutting edge technologies of relevance to its activities and infrastructures set-up for design, development, fabrication and testing of spacecraft. Over a period of four decades, URSC has successfully established Indian National Satellite (INSAT) system, which is one of the largest domestic communication satellite systems in Asia-Pacific region and Indian Remote Sensing (IRS) system which is one of the largest constellations of earth observation satellites in operation. NAVigation with Indian Constellation (NAVIC) an independent Indian Satellite based regional positioning system with a constellation of seven satellites for critical national applications will be operational shortly. The Space science missions like Chandrayaan-1, Mars Orbiter Mission, Chandrayaan-3, Aditya-L1 and Astrosat have received World Wide acclaim and put India in the global map while at the same time inspiring the Gen next. The future missions being undertaken by URSC is highly challenging and provide opportunity to undertake development of innovative technologies and establish the advanced infrastructure needed for space exploration and beyond.

ISRO Telemetry Tracking And Command Network (ISTRAC) is the premier ground segment solution provider for ISRO's satellite and launch vehicle missions. As a part of this, ISTRAC has established Spacecraft Control Centres, TTC Ground Station Networks, Deep Space Network, Ground Segment for Navigation mission, which includes a precise timing facility, Space Science Data Centre among other things. In addition, ISTRAC performs a host of other activities including development of Radars, Search and Rescue Operations and hub services for Satellite Communication Networks. ISTRAC also provides TTC support for missions of other space agencies. Towards, these objectives, ISTRAC has established a network of ground stations at Bengaluru, Lucknow, Mauritius, Sriharikota, Port Blair, Thiruvananthapuram, Brunei, Biak (Indonesia) and the Deep Space Network Stations. It has also commissioned/ is commissioning several state-of-the-art facilities to carry out its various activities.

2. U R Rao Satellite Centre (URSC), and ISRO Telemetry Tracking and Command Network Bengaluru, invites on-line applications for the following posts, the posts are temporary, but likely to continue:

Post Code.	Discipline/ Field	No. of posts	Unreserved/ Reserved for	Essential Minimum Qualification & Experience	Area of Work / Job Specification	Mode of Selection
SCIENTIST / ENGINEER – 'SC'						
001	Mechatronics	02	UR	M.E / M. Tech or equivalent in Mechatronics with an aggregate minimum of 60% or CGPA / CPI grading of 6.5 on a 10 point scale with pre eligibility of B.E / B.Tech or equivalent	Design and Instrumentation of Electro-mechanical systems such as motors, resolvers, encoders, potentiometers, etc. Development of test / measurement/characterization systems for electro-mechanical systems.	Written Test / Computer Based Test and Interview (Curriculum Based)

				qualification in Mechanical Engineering with an aggregate minimum of 65% (average of all semesters) or CGPA / CPI grading of 6.84 on a 10 point scale		
002	Material Science	01	UR	M.E / M. Tech / M. Sc (Engg.) or equivalent post graduate degree in Materials Engineering / Material Science / Metallurgical Engineering / Metallurgical & Materials Engineering / Polymer Science & Technology specialization in 1st class with an aggregate minimum of 60% or CGPA / CPI grading of 6.5 on a 10 point scale or equivalent. With pre-eligibility of B.E / B.Tech / B.Sc (Engg.) or equivalent qualification in Chemical Engineering / Mechanical Engineering with an aggregate minimum of 65% (average of all semesters) or CGPA / CPI grading of 6.84 on a 10 point scale or M.Sc or equivalent qualification in Chemistry / Physics / Applied Chemistry / Applied Physics with an aggregate minimum of 65% (average of all semesters) or CGPA / CPI grading of 6.84 on a 10 point scale.	R&D in Surface Engineering (Thermal control coatings / painting) area process qualification, scale-up, Infrastructure design and realization, In-house Production planning and implementation, Vendor evaluation and development	Written Test / Computer Based Test and Interview (Curriculum Based)
003	Mathematics	01	UR	M.Sc or equivalent post graduate degree in Mathematics / Applied Mathematics with an aggregate minimum of 65% or CGPA / CPI grading of 6.84 on a 10 point scale with pre-eligibility qualification of B.Sc or equivalent with 1st Class.	Space Flight dynamics, software development, modelling and analysis	
004	Physics	01	UR	M.Sc or equivalent post graduate degree in Physics / Applied Physics with an aggregate minimum of 65% or CGPA / CPI grading of 6.84 on a 10 point scale with pre-eligibility qualification of B.Sc with 1st Class. with pre-eligibility qualification of B.Sc with 1st Class or equivalent.	Spacecraft Mission planning and operation, software development, simulation & modelling	

Post Code.	Discipline/ Field	No. of Vacancy (ies)	Unreserved/ Reserved for	Essential minimum qualification & Experience	Mode of Selection
TECHNICIAN-B					
005	Electronics Mechanic / Technician Power Electronic Systems / Mechanic Consumer Electronic Appliances / Mechanic Industrial Electronics	63 (44+02+17)	(UR-28, OBC-16, SC-09, ST-05, EWS-05) (Out of 63 Vacancies, 05-UR, 05-OBC, 03-SC, 03-ST and 01-EWS Vacancies are identified for ISTRAC, Bengaluru). (Out of 63 Vacancies, 02-UR Vacancies are identified for MCF, Hassan out of which 01 vacancy is reserved for PwBD-OL). (Out of 44 URSC vacancies, 02 vacancies are reserved for PwBD (VH) which includes one Backlog vacancy and 01 vacancy is reserved for PwBD HH)).	SSLC/SSC/Matriculation + ITI/NTC/NAC in Electronics Mechanic / Technician Power Electronic Systems / Mechanic Consumer Electronic Appliances / Mechanic Industrial Electronics trade from NCVT.	Written Test / Computer Based Test and Skill Test (Curriculum based)
006	Electrical / Electrician	13 (07+04+02)	(UR-05, OBC-03, SC-03, EWS-02) (Out of 13 Vacancies, 02-UR, 01-OBC and 01-SC Vacancies are identified for MCF, Hassan). (Out of 13 Vacancies, 01-UR and 01-SC Vacancies are identified for ISTRAC, Bengaluru). (Out of 07 URSC vacancies, 01 backlog vacancy is reserved for PwBD (Autism))	SSLC/SSC/Matriculation + ITI/NTC/NAC in Electrical / Electrician trade from NCVT.	
007	Photography / Digital Photography	05	(UR-01, OBC-01, SC-01, ST-01, EWS-01) (Out of 05 URSC vacancies, 01 vacancy is reserved for PwBD (Autism))	SSLC/SSC/Matriculation + ITI/NTC/NAC in Photography/ Digital Photography trade from NCVT.	
008	Fitter	17 (15 + 02)	(UR-06, OBC-07, SC-02, ST-01, EWS-01) (Out of 17 Vacancies, 01-UR and 01-OBC Vacancies are identified for ISTRAC, Bengaluru).	SSLC/SSC/Matriculation + ITI/NTC/NAC in Fitter trade from NCVT.	
009	Plumber	03 (02+01)	(UR-03) (Out of 03 Vacancies, 01-UR vacancy is identified for ISTRAC, Bengaluru).	SSLC/SSC/Matriculation + ITI/NTC/NAC in Plumber trade from NCVT.	
010	Refrigeration and Air - Conditioning (R&A/C)	11 (09+01+01)	(UR-05, OBC-04, SC-01, EWS-01) (Out of 11 Vacancies, 01-UR vacancy is identified for ISTRAC, Bengaluru). (Out of 11 Vacancies, 01-UR vacancy is identified for ISRO Headquarters).	SSLC/SSC/Matriculation + ITI/NTC/NAC in Refrigeration and Air - Conditioning (R&A/C) trade from NCVT.	
011	Turner	02	(UR-01, SC-01)	SSLC/SSC/Matriculation + ITI/NTC/NAC in Turner trade from NCVT.	
012	Carpenter	03 (02+01)	(OBC-01, EWS-01, SC-01) (Out of 03 Vacancies, 01-EWS vacancy is identified for ISTRAC, Bengaluru).	SSLC/SSC/Matriculation + ITI/NTC/NAC in Carpenter trade from NCVT.	
013	Motor Vehicle Mechanic	02 (01+01)	(UR-01, OBC-01) (Out of 02 Vacancies, 01-OBC vacancy is identified for ISTRAC, Bengaluru).	SSLC/SSC/Matriculation + ITI/NTC/NAC in Motor Vehicle Mechanic trade from NCVT.	
014	Machinist	05 (04+01)	(UR-03, OBC-01, SC-01) (Out of 05 Vacancies, 01-UR vacancy is identified for ISTRAC, Bengaluru).	SSLC/SSC/Matriculation + ITI/NTC/NAC in Machinist trade from NCVT.	
015	Welder	02 (01+01)	(UR-02) (Out of 02 Vacancies, 01-UR Vacancy is identified for ISTRAC, Bengaluru).	SSLC/SSC/Matriculation + ITI/NTC/NAC in Welder trade from NCVT.	

Post Code.	Discipline/ Field	No. of Vacancy (ies)	Unreserved/ Reserved for	Essential minimum qualification & Experience	Mode of Selection
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DRAUGHTSMAN-B

016	Draughtsman (Mechanical)	11 (09+01+01)	(UR-05, OBC-02, EWS-02, SC-01, ST-01) (Out of 11 Vacancies, 01-EWS vacancy is identified for ISTRAC, Bengaluru). (Out of 11 Vacancies, 01-UR vacancy is identified for ISRO Headquarters). (Out of 09 URSC vacancies, 01 vacancy is reserved for PwBD (OH) and 01 backlog vacancy is reserved for PwBD (HH))	SSLC/SSC/Matriculation + ITI/NTC/NAC in Draughtsman Mechanical trade from NCVT.	Written Test / Computer Based Test and Skill Test (Curriculum based)
017	Draughtsman (Civil)	05 (01+01+03)	(UR-03, OBC-02) (Out of 05 Vacancies, 01-OBC vacancy identified for ISTRAC, Bengaluru is reserved for PwBD(OH).If OH candidate is not available, HH candidate will be considered for the post. (Out of 05 Vacancies, 02-UR and 01-OBC vacancies are identified for ISRO Headquarters).	SSLC/SSC/Matriculation + ITI/NTC/NAC in Draughtsman Civil trade from NCVT.	Written Test / Computer Based Test and Skill Test (Curriculum based)

Post Code.	Discipline/ Field	No. of Vacancy (ies)	Unreserved/ Reserved for	Essential minimum qualification & Experience	Mode of Selection
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TECHNICAL ASSISTANT

018	Electronics	28 (16+08+04)	(UR-11, OBC-09, SC-05, ST-02, EWS-01) (Out of 28 Vacancies, 02-UR, 01-OBC, 01-SC vacancies are identified for ISTRAC, Bengaluru). (Out of 16 Vacancies, 03-UR, 03-OBC and 02-SC Vacancies are identified for MCF, Hassan). Out of 16 URSC vacancies, 01 vacancy is reserved for PwBD (VH) and 01 backlog vacancy is reserved for PwBD (OH)	First Class Diploma in Electronics Engineering from a recognized State Board.	Written Test / Computer Based Test and Skill Test (Curriculum based)
019	Computer Science	06 (02+03+01)	(UR-04, SC-01, ST-01) (Out of 06 Vacancies, 01-UR vacancy is identified for ISTRAC, Bengaluru). (Out of 06 Vacancies, 02-UR and 01-ST Vacancies are identified for MCF, Hassan) (Out of the 02-UR and 01-ST Vacancies identified for MCF, Hassan, One Vacancy is reserved for PwBD-OL(One Leg)).	First Class Diploma in Computer Science Engineering from a recognized State Board.	
020	Electrical	05 (02+03)	(UR-01, OBC-03, EWS-01) (Out of 05 Vacancies, 02-OBC and 01-EWS Vacancies are identified for MCF, Hassan).	First Class Diploma in Electrical Engineering from a recognized State Board.	
021	Civil	04 (02+02)	(UR-02, OBC-01, EWS-01) (Out of 04 Vacancies, 01-UR, 01-OBC Vacancies are identified for MCF, Hassan).	First Class Diploma in Civil Engineering from a recognized State Board.	
022	Mechanical	12 (10+02)	(UR-05, OBC-03, SC-02, EWS-02) (Out of 12 Vacancies, 01-UR and 01-EWS Vacancies are identified for MCF, Hassan). (Out of 10 URSC vacancies, 01 backlog vacancy is reserved for PwBD (Autism))	First Class Diploma in Mechanical Engineering from a recognized State Board.	

Post Code.	Discipline/ Field	No. of Vacancy (ies)	Unreserved/ Reserved for	Essential minimum qualification & Experience	Mode of Selection
SCIENTIFIC ASSISTANT					
023	Chemistry	02	(UR-01, ST-01)	First Class Graduate in BSc (Chemistry) from a recognized University/ Institution.	Written Test / Computer Based Test and Skill Test (Curriculum based)
024	Physics	02	(UR-01, SC-01)	First Class Graduate in BSc (Physics) from a recognized University/ Institution.	
025	Animation & Multimedia	01	(UR-01)	First Class Graduate in BSc (Animation & Multimedia) from a recognized University/ Institution.	
026	Mathematics	01	(UR-01)	First Class Graduate in BSc (Mathematics) from a recognized University/ Institution.	
LIBRARY ASSISTANT					
027	Library Assistant	01	(UR-01)	Graduate + First Class Master's degree in Library Science / Library & Information Science or Equivalent from recognized University/Institution.	Written Test & Skill Test (Computer Literacy)
Post Code.	Discipline/ Field	No. of Vacancy (ies)	Unreserved/ Reserved for	Essential minimum qualification & Experience	Mode of Selection
COOK					
028	Cook	04	(UR-02, OBC-01, ST-01) (Out of 04 URSC vacancies, 01 vacancy is reserved for PwBD (HH))	<ol style="list-style-type: none"> 1. SSLC/SSC Pass or its equivalent 2. 05 years experience in a similar capacity as cook in a well Established Hotel/ canteen, an approved certificate in cookery issued by any recognized/ reputed institute. 3. Experience Certificates from individuals will not be accepted. 	Written Test / Computer Based Test and Skill Test
FIREMAN 'A'					
029	Fireman 'A'	03	(UR-03)	<ol style="list-style-type: none"> 1. SSLC/SSC Pass or its equivalent 2. Should satisfy the prescribed physical fitness standards and endurance test standards. 	Written Test / Computer Based Test & Skill Test (Endurance Test)
Post Code.	Discipline/ Field	No. of Vacancy (ies)	Unreserved/ Reserved for	Essential minimum qualification & Experience	Mode of Selection
LIGHT VEHICLE DRIVER-'A'					
030	Light Vehicle Driver-'A'	06 (04+02)	(UR-04, EWS-01, SC-01) (Out of 06 Vacancies, 02-UR, 01-EWS, 01-SC Vacancies are identified for ISTRAC and 02-UR Vacancies are identified for HSFC).	<ol style="list-style-type: none"> 1. SSLC/SSC Pass or its equivalent 2. 03 years experience as Light Vehicle Driver 3. Must possess valid LVD licence 4. Any other requirement of the Motor Vehicle Act of Karnataka State should be met within 3 months from the date of joining the post. 5. Total prescribed experience should be after obtaining valid Driving licence 6. Experience Certificate should only be from Government/Semi-Government agencies/Registered Companies/ Societies/ Trusts, etc. Experience Certificates from individuals will not be accepted. 7. Part time experience will not be considered for calculation of number of years of experience. 8. Candidate should possess the requisite qualification, experience and requirement of public service badge as on the last date of receipt of online application. 	Written Test / Computer Based Test and Skill Test (Driving Test)
HEAVY VEHICLE DRIVER-'A'					
031	Heavy Vehicle Driver-'A'	02	(UR-01, SC-01) (These Vacancies are identified for ISTRAC, Bengaluru).	<ol style="list-style-type: none"> 1. SSLC/SSC Pass or its equivalent 2. 05 years experience, out of which minimum 03 years as Heavy Vehicle Driver and the balance period driving experience of light motor vehicle. 3. Must possess valid HVD licence and Public Service Badge, if statutory 	Written Test / Computer Based Test and Skill Test

				<p>(In case Public Service Badge is not mandatory in any State, candidate from such State(s) should meet this requirement within 3 months of joining the post in Karnataka).</p> <ol style="list-style-type: none">4. Total prescribed experience should be after obtaining valid Driving licence5. Experience Certificate should only be from Government/Semi-Government agencies/Registered Companies/ Societies/ Trusts, etc. Experience Certificates from individuals will not be accepted.6. Part time experience will not be considered for calculation of number of years of experience.7. Departmental LVDs who meet the norms are eligible to compete, if they so desire, along with external candidates.8. Candidate should possess the requisite qualification, experience and requirement of public service badge as on the last date of receipt of online application.	(Driving Test)
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