



Society for Promotion of Vocational & Technical Education [SOVTECH]
Port Blair

VACANCY NOTICE

Advertisement No. SOV/2-17/Programmer/2014/292

Dated 14/12/2021

SOVTECH invites applications from eligible candidates for filling up of the following posts purely on contract basis.

Sl. No	Name Of Post	No. of Post(s)	Consolidated remuneration per month (in Rs)
1	Network Engineer	2	37,400/-
2	Programmer	5	38,500/-
3	Programmer (Mobile Application)	1	38,500/-
4	BMS Engineer (State Data Centre)	1	25,000/-
	Total	9	

The details of posts, Eligibility criteria viz., Essential qualification, Experience, Age, Roles and responsibility and terms and conditions are given below: -

S.N	Name of the Post	Eligibility Criteria
1	Network Engineer	<p>Essential Qualification and Experience:</p> <ul style="list-style-type: none">• B.E/B.Tech in CSE/ECE/IT/EEE <p style="text-align: center;">Or</p> <ul style="list-style-type: none">• B.Sc. (IT/Computer Science) <p style="text-align: center;">Or</p> <ul style="list-style-type: none">• 3 years Diploma in CS/EC/IT/Electrical with 2 years experience in the field of networking. <p>Duties and responsibilities:</p> <ul style="list-style-type: none">• Monitoring and providing connectivity support to Government departments.• LAN networking• Setting up of VPN connectivity for CSCs.• Monitoring of VSAT operations across A & N Islands.• Monitoring of SWAN network across A & N Islands.• Maintenance of Video Conferencing (VC) register.• Maintenance of stock register.

S.N	Name of the Post	Eligibility Criteria
2	Programmer	<p data-bbox="684 237 1050 271">Essential Qualification</p> <ul data-bbox="684 315 1474 730" style="list-style-type: none"> <li data-bbox="684 315 1474 421">• B.E/ B.Tech (Computer Science Engineering/Information Technology) Or Master of Computer Application <li data-bbox="724 427 767 461">Or <li data-bbox="684 468 1474 573">• Diploma in (Computer Engineering/Information Technology) <li data-bbox="724 535 767 568">Or <li data-bbox="684 575 1474 680">• B.Sc. (Computer Science/ Information Technology) <li data-bbox="724 642 767 676">Or <li data-bbox="684 683 1246 730">• Bachelor of Computer Applications <p data-bbox="684 768 874 801">Experience:</p> <ul data-bbox="684 824 1474 1760" style="list-style-type: none"> <li data-bbox="684 824 1474 929">• At least two (02) Years' experience in software Designing & Development with core domain knowledge and experience on: <ul data-bbox="724 974 1474 1760" style="list-style-type: none"> <li data-bbox="724 974 1474 1122">- Development of Web application in ASP.Net using VB/C# as code-behind language, MS SQL Server 2008 or higher, MVC 3 with EDM (Entity Data Model). <li data-bbox="724 1128 1209 1162">- Experience in PHP & My SQL. <li data-bbox="724 1169 1474 1274">- Experience in SQL Server Reporting Services, Stored Procedures in MS SQL Server 2008 or higher database versions. <li data-bbox="724 1281 1474 1350">- Deployment & configuration of web Applications in IIS/Apache Web Servers. <li data-bbox="724 1357 1474 1426">- Data security, privacy & threat protection of web applications & web services. <li data-bbox="724 1433 1474 1467">- Core knowledge on Web Application Security. <li data-bbox="724 1473 1474 1507">- Extensive knowledge on XML, AJAX & JQuery. <li data-bbox="724 1514 1474 1583">- Experience in Web Services like JSON, WSDL, SOAP & REST. <li data-bbox="724 1590 1422 1624">- Working on Content Management Software. <li data-bbox="724 1630 1406 1700">- Software development working in Government/PSU Projects <li data-bbox="724 1706 1406 1760">- Basic configuration in WIN NT/Linux, Hardware and Networking.

S.N	Name of the Post	Eligibility Criteria
3	Programmer (Mobile Application)	<p>Essential Qualification:</p> <ul style="list-style-type: none"> • B.E/ B.Tech (Computer Science Engineering/Information Technology) Or Master of Computer Application Or • Diploma in (Computer Engineering/Information Technology) Or • B.Sc. (Computer Science/ Information Technology) Or • Bachelor of Computer Applications <p>Experience:</p> <ul style="list-style-type: none"> • At least two (02) Years' experience in mobile Application Development with core domain knowledge & experience on: <ul style="list-style-type: none"> - Design and build advanced mobile applications for the Android/IOS platform and Proven working experience in Android app development. - Experience with Android SDK and Android Studio. - Experience working with remote data via REST and JSON. - Experience with third-party libraries and APIs eg. Retrofit, Google Map API, Live location tracking etc. - Hands-on Working knowledge of Firebase (FCM). - Good Knowledge of OOPS concept & Core Java ,Knowledge of Kotlin is addon - Knowledge of local storage SQLite database and Shared Preference. - Collaborate with cross-functional teams to define, design, and ship new features. - Unit-test code for robustness, usability, and general reliability. - Work on bug fixing and improving application performance. - Maintain existing Application & improve features.

S.N	Name of the Post	Eligibility Criteria
4	BMS Engineer (State Data Centre)	<p data-bbox="684 230 1315 266">Essential Qualification and Experience:</p> <ul data-bbox="724 309 1437 450" style="list-style-type: none"> <li data-bbox="724 309 1437 450">• B.E/B.Tech in any Discipline with 3+ years of relevant experience out of which at least 2 years work experience in Data Centre in any Tier-1/Tier-II/Tier-III Data Center <p data-bbox="703 495 756 524">OR</p> <ul data-bbox="724 568 1461 710" style="list-style-type: none"> <li data-bbox="724 568 1461 710">• Diploma in Engineering in any Discipline with 5 + years of relevant experience out of which at least 2 years' experience in any Tier-1/Tier-II/Tier-III Data Center <p data-bbox="684 792 1123 824">Duties and responsibilities:</p> <ul data-bbox="724 869 1466 1576" style="list-style-type: none"> <li data-bbox="724 869 1430 938">• Overall responsibility of Physical security of the Data Center facility <li data-bbox="724 943 1466 1048">• Monitoring and maintenance of temperature at desired level at all operations area including Farm Area. <li data-bbox="724 1052 1461 1122">• Check and response BMS alert and generating reports <li data-bbox="724 1126 1461 1196">• CCTV monitoring and backing up of CCTV recording <li data-bbox="724 1200 1259 1229">• Maintaining access control cards <li data-bbox="724 1234 1461 1263">• Servicing of comfort AC, PAC, UPS, battery etc <li data-bbox="724 1267 1466 1373">• Performing preventive maintenance of all Non-IT devices (UPS, DG, PAC, CCTV, Fire suppression system, VESDA, RRS, WLD, etc) <li data-bbox="724 1377 1442 1447">• Refilling diesel and maintaining consumption Report <li data-bbox="724 1451 1466 1520">• Coordinate with respective OEMs/Vendors for Carrying out AMC/ maintenance. <li data-bbox="724 1525 1362 1554">• Resolving EMS, Civil incidents assigned

METHOD OF SELECTION:

- The Selection for the posts of Network Engineer and BMS Engineer (State Data Centre) will be made through a written test which will be held for the eligible candidates on **29th Dec, 2021**. Skill test in the relevant field will be held for the posts on **30th Dec, 2021**.
- The Written Test will carry maximum marks 30.
- The skill test will carry maximum marks 70.
- The Selection for the posts of Programmer will be made through a skill test which will be held for the eligible candidates on **30th Dec, 2021**

TENURE OF CONTRACT:

The period of contract shall be for Five Years renewable on yearly basis based on performance.

GENERAL CONDITIONS:

- A Candidate may apply for more than one post.
- The candidate who can join immediately after selection will be given preference.
- The candidates needs to apply online by visiting the url – <https://erecruitment.andaman.gov.in> or may also apply through eDweep Kendra (CSC) by paying usual charges for scanning and uploading the documents.
- All relevant documents in support to the essential qualification, desirable qualification like Educational Certificate, Mark Sheets, Age Proof and Experience Certificate should be uploaded along with the applications.
- The last date of submission of application (online) is **21st Dec, 2021 by 4.30 PM**.
- Applications received after the due date and time shall not be considered.
- The syllabus for the examination for the above mentioned posts is enclosed as **Annexure A**.
- Society for Promotion Vocational & Technical Education (SOVTECH) reserves the right in all respect regarding filling up the post and the decision. Its decision will be final and binding.
- In case it is detected at any stage of recruitment that a candidate does not fulfil the eligibility norms and/or that he/she has furnished any incorrect/false information, his/her candidature will stand rejected.
- The candidates are advised to go through the requirements of educational qualification, age etc. carefully and satisfy themselves that you are eligible before appearing for the interview.
- The decision of SOVTECH in all aspects pertaining to the application, its acceptance or rejection, conduct of interview and at all consequent stages culminating in selection or otherwise of any candidate shall be final and binding on all concerned. SOVTECH reserves its right to alter/modify any condition laid down in this vacancy notice or any backend process for conduct of selection during its various stages as warranted by an unforeseen circumstances arising during the course of this process or as deemed necessary by SOVTECH at any stage.
- Applicants should note that some of the above posts may involve work of arduous nature and in shifts.

ACTION AGAINST MISCONDUCT:

- i) Candidates are advised in their own interest that they should not furnish any documents/information that are false, tampered, fabricated, having overwriting, having correction marks and they should not suppress any material information while filling up application.
- ii) At any stage of recruitment or later, if a candidate is or has been found guilty of any misconduct during the selection process, in addition to rendering himself/herself liable to legal/criminal prosecution, will also become liable to be:
 - a) Disqualified from the selection process and/or
 - b) Debarred either permanently or for a specified period from any examination/recruitment and/or
 - c) Discharged/removed/dismissed from service, if the act of misconduct comes to notice after his/her appointment to the roll of SOVTECH.

**SYLLABUS FOR SELECTION TEST OF THE POST NETWORK ENGINEER,
PROGRAMMER AND BMS ENGINEER (STATE DATA CENTRE) IN SOVTECH**

1. Name of the post: Network Engineer

Syllabus:

Written test: Time allowed: 30 min (30 marks)

- Networking-Network Devices, IP Addressing and Subnetting, Switching and VLANs, Routing (Static and Dynamic), Access Control Lists, DHCP
- SWAN- Overview, Design and Architecture
- Proxy Servers and Virtual Private Network
- Fiber Optic Networks

Skill test: Time allowed: 90 min (70 marks)

- Configuration of Routers.
 - Optical Fiber Cable Splicing and ensuring end-to-end connectivity between two PCs in a fiber network.
 - LAN Networking.
 - Configuration of Leased Line Network.
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2. Name of the post: Programmer and Programmer (Mobile Application)

Syllabus for skill test: 100 marks (4 hours)

- Development of a web Application/ mobile Application (Android/IOS) - based on the desired experience.
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3. Name of the post: BMS Engineer

Syllabus:

Written test: Time allowed: 30 min (30 marks)

- Working principle, Fault analysis & Troubleshooting technique of Electrical devices
 - Uninterrupted Power Supply (UPS)
 - Diesel Generator (DG)
 - Precision Air Conditioner (PAC)

- Working principle, Fault analysis & Troubleshooting technique of Security Systems
 - Fire suppression system
 - Addressable fire panel
 - Very Early Smoke Detection Apparatus (VESDA)
 - Close Circuit Television (CCTV)
 - Rodent Repellent system (RRS)
 - Water level detection system (WLD)
 - Access control system (ACS)

Skill test: Time allowed: 90 min (70 marks)

- Fault analysis of 82.5 KVA Diesel Generator (DG), Engine Model No: 6BT-5.9-G1, Make: CUMMINS.
- Fault analysis of 8.5 ton Precision Air Conditioner (PAC), Model-PEX 130EC with ICOM), Emersion make.
- Calibration of electrical device parameters through Johnson control (JCI) Metasys V5.2.0.5400 monitoring systems.
- Troubleshooting of EST (quick start) addressable fire panel, Water level detection system.
- Troubleshooting of S321-IP door controller

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