

**Assam Electronics Development Corporation Ltd.**  
(A Govt. of Assam Undertaking)

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AEDC/HRD/SDC/645/03

Dated 02/02/2021

Online applications are invited through the official recruitment website of Assam Electronics Development Corporation Limited i.e. [recruitment.amtron.in](http://recruitment.amtron.in), from the candidates who are citizens of India as defined in Article 5 to 8 of the Constitution of India and permanent resident of Assam for filling up of the vacancy as indicated below-

Sl. No.	Role	Number of Posts	Educational Qualification	Proposed Gross Salary per month
i	Cloud Specialist	1 (One)	Minimum 60% marks in B.E/B.Tech/MCA/M.Sc/ BCA/B.Sc. from AICTE/UGC recognized Institutions  (Stream-Computer Science/IT/ Electronics/Electrical)	Rs. 60,000 to Rs. 85,000
ii	System and Storage Specialist	1 (One)	Minimum 60% marks in B.E/B.Tech/MCA/M.Sc/ BCA/B.Sc. from AICTE/UGC recognized Institutions  (Stream-Computer Science/IT/ Electronics/Electrical)	Rs. 60,000 to Rs. 85,000
iii	Infrastructure Management Specialist	1 (One)	Minimum 60% marks in B.E/B.Tech/MCA/M.Sc/ BCA/B.Sc. from AICTE/UGC recognized Institutions  (Stream -Computer Science/ IT/Electronics/Electrical/ Instrumentation)	Rs. 60,000 to Rs. 85,000
iv	Network and Security Specialist	1 (One)	Minimum 60% marks in B.E/B.Tech/MCA/M.Sc/ BCA/B.Sc. from AICTE/UGC recognized Institutions  (Stream -Computer Science/ IT/Electronics/Electrical)	Rs. 60,000 to Rs. 85,000
v	Electrical Specialist	1 (One)	Minimum 60% marks in B.E/B.Tech/Diploma in Electrical Engineering from AICTE recognized Institutions.	Rs.60,000 to Rs. 85,000
vi	Electrical Supervisor	4 (Four) (Shift Duty on 24x7 basis)	Minimum 60% marks in Diploma in Electrical Engineering from AICTE recognized Institutions.	Rs.35,000 to Rs. 50,000
vii	Electrical Technician	8 (Eight) (Shift Duty on 24x7 basis)	Minimum 60% marks in ITI (Electrical) from Government recognized Institutions.	Rs.25,000 to Rs. 40,000

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1. **Age limit/ Eligibility:** Must not be less than **18 years and not more than 44 years** in respect of **General/Unreserved** candidates, **not more than 47 years** in respect of **OBC/MOBC** candidates and **not more than 49 years** in respect of **SC/ST candidates** and **Person with Disability (PwD)** as on **1<sup>st</sup> January 2021**. The age relaxation shall be applicable only to those candidates who have attained the necessary educational qualification prior to crossing of 38 years of age. There will be no provision for age condonation.
2. **Language Known** – Assamese, English, Hindi
3. **How to Apply:** Interested eligible candidates may apply **online** by visiting the website **recruitment.amtron.in** and clicking the link for **Recruitment of Technical Manpower for ongoing Project**, from **05:00 PM, 2<sup>nd</sup> February 2021** till midnight **16<sup>th</sup> February 2021**.

A candidate can apply **only ONLINE** through the website **recruitment.amtron.in**.

**No other mode of application is acceptable.** The online application can be uploaded following the steps mentioned below:

- i. Visit **recruitment.amtron.in**
  - ii. Register yourself into the website
  - iii. Login using your Registration No and Date of Birth.
  - iv. Fill-up form/ upload all documents mentioned therein and submit the online application form
4. **Method of Selection:** Shortlisted candidates only can download the Admit cards for the Written Test. Written Test will be conducted on respective domain knowledge and experience mentioned against each role. List of shortlisted candidates will be notified in the website **recruitment.amtron.in** and shortlisted candidate will be informed via SMS/e-mail. Date of written test for shortlisted candidates will be intimated through **recruitment.amtron.in**. Candidates qualifying in the written test will be called for viva-voce which will be held at Guwahati. No TA/DA will be entitled for appearing in the Written Test and Viva-voce.
  5. **Tenure of Engagement:** The Contractual engagement will be initially for a period 1 (one) year, which will be renewed annually, based upon satisfactory performance and decision of the higher authority of the Organisation and may be extended up to 5 (five) years or more.
  6. List of Documents to be uploaded in **'recruitment.amtron.in'**
    - i) Educational Qualification Certificates and Mark Sheets from Class X onwards.
    - ii) Certificates of Professional Qualifications as desired against each role.
    - iii) Age Proof Certificate (Birth Certificate/Admit Certificate of Class X)
    - iv) Proof of Permanent Residence
    - v) Certificate issued by Competent Authority prescribed by the Government regarding their status as SC/ST/OBC/MOBC/PwD.
    - vi) Experience Certificate on relevant field from Ex-employers.
    - vii) Self-attested passport sized photograph.

**Please Note:**

Incomplete or wrongly filled applications will be summarily rejected. The form submission website will not allow submission of incomplete forms. On submission of the online application form and uploading all documents mentioned therein, the applicant will receive an **acknowledgement number**. It is to be noted that submission of the online application does not automatically qualify any candidate for the role and also does not imply verification of credentials of the candidate.

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For any query candidates may mail to [recruitment@amtron.in](mailto:recruitment@amtron.in)

AMTRON reserves the right to reject any application or cancel this advertisement, without assigning any reasons thereof.

**7. Skill Set of Technical Manpower required for Data Center.**

**7.1 Cloud Specialist-**

B.E/B.Tech/MCA/M.Sc with minimum 5 (five) years of relevant experience or BCA/B.Sc. with minimum 7 (seven) years of relevant experience in following domains-

- i. Deploy, Implement and Maintain Openstack, Cloudstack, CloudForms for private cloud infrastructure.
- ii. Excellent understanding of hypervisor technology. Hands on experience on KVM.
- iii. Hands on experience with EC2, S3, VPC, Autoscaling.
- iv. Excellent experience with Linux as a super user with shell scripting skills.
- v. Experience on high availability in Openstack, Cloudstack, CloudForms
- vi. Deploy, implement, and maintain docker and Kubernetes which includes performance monitoring of the cluster and debugging of various issues.
- vii. Experience in DevOps process using Jenkins, Ansible for On Demand Openstack, Cloudstack and cloudforms deployment.
- viii. Experience in deploying Cloud both automatically using container, Ansible and manual deployment.
- ix. Experience in managing cloud software deployments, with a focus on continuous integration and deployment using GitHub, Jenkins, and Maven.
- x. Experience in implementation and maintenance on Apache Tomcat, MySQL and Jboss web service environment.
- xi. Experience with Linux, database and application server configuration.
- xii. Participated in the execution of the business continuance and disaster recovery plans.
- xiii. Developed, modified, installed, maintained, analyzed, and supported storage solutions for Redhat, SUSE, Oracle etc.
- xiv. Assisted in the upgrade of an environment of Linux servers.
- xv. Capability to implement DR strategy for business continuity plan.
- xvi. Professional Certifications -  
Minimum any of the two (2) certifications from below list
  - a) Redhat Cloud Certification
  - b) Oracle Cloud Infrastructure Certified Architect
  - c) Rackspace Cloud certification
  - d) Vmware Cloud certification
  - e) Public Cloud Certification Google/Amazon/Azure/etc.
  - f) Any other equivalent cloud certification.

**7.2 System and Storage Specialist:**

B.E/B.Tech/MCA/M.Sc with minimum 5 (five) years of relevant experience or BCA/B.Sc. with minimum 7 (seven) years of relevant experience in following domains-

- i. Deploy, Implement and Maintain different model of storage Platform which includes performance monitoring and debugging of various issues.
- ii. Excellent understanding of SAN switch, Storage stacking and Storage Clustering.
- iii. Performed SAN design work for SAN administrators to implement regarding cisco and Brocade fiber switched storage area networks.
- iv. Implemented Dell Networker for data migration in the phase of new SAN implementation.

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- v. Assist in developing 'best practice' policies and procedures for SAN and storage management.
- vi. Provision and Zone SAN storage to Hosts.
- vii. Capability to integrate storage system with various cloud platform like Openstack, Cloudstack, CloudForms, etc.
- viii. Performed moving LUNs from entire 3PAR Magazine for replacement of magazine.
- ix. Performed encapsulation on VPLEX for existing storage arrays and migrated data to new arrays through device mobility.
- x. Provision and allocate devices, LUNS and devices utilizing a variety of software for storage arrays.
- xi. Support various Storage Arrays and Filers from different vendors like EMC, 3PAR, HP, NETAPP and IBM.
- xii. Managed and executed the implementation and migration of SAN environment which included EMC/HP/NetApp/Dell storage arrays, Brocade/Cisco SAN Fabrics.
- xiii. Implemented Disaster Recovery using backup software for production systems and tested for disaster recovery preparedness.
- xiv. Participated in the execution of the business continuance and disaster recovery plans.
- xv. Ensure successful replication between the main Data Center and the Disaster Recovery site.
- xvi. Develop, test, and maintain a disaster recovery plan for critical VMS and application data.
- xvii. Developed, modified, installed, maintained, analyzed, and supported storage solutions for Redhat, SUSE, Oracle etc.
- xviii. Upgrade of an environment of Linux servers.
- xix. Performed tests and support for projects requiring storage and SAN/NAS components while adhering to corporate guidelines and specifications.
- xx. Implemented and evaluated a Network Appliance NAS (Network Attached Storage) device.
- xxi. Fair understanding of Software defined storage (CEPH/etc.).
- xxii. Professional Certifications –
  - System – Minimum 2 certifications on Operating System from three different OEMs.
    - a) Red Hat Certified System Administrator
    - b) SUSE Certified Administrator in Enterprise Linux
    - c) IBM Certified System Administrator
    - d) Microsoft Certified System Administrator
    - e) Any other equivalent Operating System certification.
  - Storage – Minimum 2 certifications on Storage from three different OEMs.
    - a) HPE storage certification.
    - b) EMC storage certification
    - c) Oracle Unified Storage Systems Certification
    - d) Netapp Storage Certification
    - e) Any other equivalent Storage Certification

**7.3 Infrastructure Management Specialist:**

B.E/B.Tech/MCA/M.Sc with minimum 5 (five) years of relevant experience or BCA/B.Sc. with minimum 7 (seven) years of relevant experience in following domains-

- i. Managed Data Center overall IT and Non-IT infrastructure.
- ii. Hands on experience in Network Security Component.
- iii. Hands on experience in Router and Server Farm Switches.
- iv. Handled Data Center Server Farm UPS.

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- v. Handled Precision AC/In-row Cooling for Server Farm.
  - vi. Handling BMS Infrastructure of entire Data Center.
  - vii. Experience in Vendor Management related to day to day maintenance of Data Center Infrastructure.
  - viii. Experience in Data Center Asset Management.
  - ix. Experience in handling Telecom Service Provider/ Internet Service Provider.
  - x. Good knowledge of Data Center Passive Components.
  - xi. Experience in deployment of Network and Security Monitoring Tools.
  - xii. Knowledge of penetration testing tools.
  - xiii. Knowledge of Data Center Certifications like ISO 27001, Tier II/III/IV, ASHRAE, etc.
  - xiv. Knowledge in Data Center Disaster Recovery methods.
  - xv. Responsible for defining required level of physical protection in the SDC
  - xvi. Responsible for managing physical environment (maintaining, monitoring and reporting)
  - xvii. Responsible for defining and implementing procedures for physical access authorization and maintenance.
  - xviii. Ensure User Management and control Access Card Activation services in consultation with the Data Centre Operator.
  - xix. Problem Resolution / Troubleshooting Supervise Material movement for all material entering / exiting from the Data Centre and details about inventory.
  - xx. Review visitor details including name, time of entry and exit, entry authorised by, purpose of visit, etc as applicable.
  - xxi. Review Incident reports leading to disruption, downtime, and security violations.
  - xxii. Physical Infrastructure SLA compliance reports
- Any two of below Certifications
- a) ISO27001 Certification
  - b) ITIL Certification
  - c) Prince Certification
  - d) CDCP/CDCS/equivalent
  - e) Any other Equivalent Certification relevant to Data Center Physical Infrastructure.

Note: Candidates with MBA/PGDBM as additional qualification will be preferred for Infrastructure Management Specialist

**7.4 Network and Security Specialist:**

B.E/B.Tech/MCA/M.Sc with minimum 5 (five) years of relevant experience or BCA/B.Sc. with minimum 7 (seven) years of relevant experience in following domains-

- i. Implemented Network and Security Infrastructure in at least Data Centers.
- ii. Implemented Advance Routing Protocols like IS-IS, OSPFv2/v3 and BGPv4.
- iii. Hands on experience on MPLS and QoS.
- iv. Hands on experience on Software Defined Networks.
- v. Good knowledge on OPEN Switch and White box/ Bare Metal switches.
- vi. Knowledge on Open daylight/ Open Contrail/ ONIE etc.
- vii. Good knowledge in Data Center Leaf and Spine Architecture.
- viii. Implemented/assisted at least one single project involving Data Center and Remote Site/branch offices.
- ix. Knowledge in Network Virtualization.
- x. Hands on experience in any two Next Generation Firewall (e.g.Fortigate, PaloAlto, Checkpoint, Cisco, Juniper etc.)
- xi. Knowledge in Virtual Firewall.
- xii. Knowledge in Opensource firewall.

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- xiii. Experience in implementation of VPN and good knowledge in VPN tools of various OEMs.
- xiv. Hands on experience in Web Application Firewall.
- xv. Hands on experience in Server Load Balancer.
- xvi. Hands on experience in Network Analyzer/Sniffer tools.
- xvii. Experience in handling Telecom service Provider/Internet Service Provider.
- xviii. Good knowledge of Data Center Passive components.
- xix. Experience in deployment of Network and Security Monitoring Tools.
- xx. Knowledge of penetration testing tools.
- xxi. Knowledge of Data Center Certifications.
- xxii. Knowledge in Data Center Disaster Recovery methods.
- xxiii. Professional Certifications –
  - Network – Professional Level Certification from Cisco/ Juniper/ HPE/Extreme etc.
  - Security – Certification from Checkpoint/ Fortinet/ Palo Alto/ Cisco/ Juniper/ etc.
  - Analyzer – Wireshark/ equivalent (Preferred).
  - SIEM – Certification (Preferred)

**7.5. Electrical Specialist**

B.E/B.Tech Electrical with minimum 5 (five) years of relevant experience or Diploma in Electrical Engineering with minimum 8 (eight) years of relevant experience in following domain-

- i. Experience in operation and maintenance or implementation of Data Center/Telecom/Other Industrial Projects.
- ii. Working knowledge in Electrical Constructional Projects involving Over Head-Line Construction both LT & HT, all types of internal Wiring, Under Ground Cable Wiring etc.
- iii. Working Knowledge of BMS Infrastructure.
- iv. Operation and maintenance of Genset of high capacity (500KVA and above).
- v. Hands on experience in three phase and single-phase wiring.
- vi. Hands on experience in Data Center/Telecom UPS and Precision Cooling.
- vii. Supervised 24x7 electrical shift duties.
- viii. Experience in Vendor Management.
- ix. Operation, Testing & Maintenance of Control Panel for Genset, Sub-Station, 500KVA and 750KVA Three Phase Transformer etc.
- x. Knowledge in electrical designing tools, HLD, SLD, Power Factor Management, Earthing, Electrical Panels, Synchronizing Panel, Automation, Load Balancing, Load Calculation etc.
- xi. Operation, Testing & Maintenance of Elevators
- xii. Certification - Electrical Supervisor's Certificate from Authorized Govt. Organisation/Board

**7.6. Electrical Supervisor**

Diploma in Electrical Engineering with minimum 5 (five) years of relevant experience in following domain-

- i. Experience in operation and maintenance or implementation of Data Center/Telecom/Other Industrial Projects.
- ii. Knowledge in Electrical Constructional Projects involving Over Head-Line Construction both LT & HT, all types of internal Wiring, Under Ground Cable Wiring etc.
- iii. Operation and maintenance of Genset of high capacity (250KVA and above).

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- iv. Hands on experience in three phase and single-phase wiring.
- v. Hands on experience in Data Center/Telecom UPS and Cooling Infrastructure.
- vi. Operation, Testing & Maintenance of Control Panel for Genset, Sub-Station, 250KVA and above Three Phase Transformer etc.
- vii. Knowledge in HLD, SLD, Power Factor Management, Earthing, Electrical Panels, Synchronizing Panel etc.
- viii. Operation, Testing & Maintenance of Elevators
- ix. Certification - Electrical Supervisor's Certificate from Authorized Govt. Organisation/Board

**7.7. Electrical Technician**

ITI (Electrical) with 3 (three) years of relevant experience in following domain-

- i. Operation and maintenance of Genset of high capacity (minimum 150KVA).
- ii. Hands on experience in three phase and single-phase wiring.
- iii. Operation, Testing & Maintenance of Control Panel for Genset, Three Phase Transformer etc.
- iv. Certification - Electrical Workmen Permit from Authorized Govt. Organisation/Board.