NATIONAL INSTITUTE OF TECHNOLOGY, SRINAGAR
HAZRATBAL SRINAGAR KASHMIR-190006 J&K

Advertisement Notice No. 07(f) of 2018

Dated :- 10.08.2018

Applications are invited for the post of Programmer, Website Developer/ Administrator and System Analyst/ Programmer on contract basis initially for a period of one year.

Interested candidates may apply on the prescribed format at NIT Srinagar latest by 31-8-18 .

For further details please visit institute web site **www.nitsri.ac.in**.

Registrar

NATIONAL INSTITUTE OF TECHNOLOGY, SRINAGAR
HAZRATBAL SRINAGAR KASHMIR-190006 J&K

Advertisement Notice No. 07(f) of 2018
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Applications are invited on the prescribed format for the following position in the Computer Service Centre and in the Library and Information Resource Centre. The post are on contract for the duration one year extendable on performance basis.

Posts with details:-

S. No.	Designation	No.	Salary Consolidated	Eligibility/ Qualification	Experience in Related Field
1	Programmer	1	40,000	B. Tech CSE/IT	3 years
2.	Website Developer/ Administrator	1	30,000	B .Tech CSE/IT	3 years
3.	System Analyst/ Programmer	1	45,000	B.E./B. Tech. in Computer Science & Engineering / Computer Sciences / Information Technology, with a minimum of 60% or 6.5 CGPA, from a recognized University / Institution Sound knowledge of Open source Software like Operating Systems / Data Bases. Sound Knowledge of different Hardware platforms.	*__Desirable qualification /Experience.__* M. E. / M. Tech. in the related Specialization / field. Professional Certifications in Linux / Cisco / Oracle etc.

1.   Job Role for Programmer

Essential Duties & Responsibilities

- Configure all the active networks.
- Deploy the equipment.
- Maintain and monitor the network in order to ensure uniform operation of the networks.
- Install and support network systems.

- Work with servers in data centre.
- Monitor working of Campus WiFi System.
- Set up user accounts, permissions, and passwords.
- Resolve all the problems or queries reported by the end user and provide them with proper resolution .
- Keep a record of all the requirements and day updates required for the system.
- Specify system requirements and design solutions for the network systems.

Knowledge, Skills & Abilities:

- Types of networking devices- features and concepts-switch, router.
- Cabling standards- straight through, crossover, roll over . UTP cable types.
- Switches- types, SFP, Fiber modules.
- Ethernet, WiFi, Fiber
- IP Addressing and VLAN. Static IP v/s DHCP.
- Firewall, LDAP, TCP/IP, LAN, and WAN. SAN and NAS and types of storage
- Essential Electrical Connections, Color coding, Earthing, Common Electrical problems and troubleshooting.
- Power supplies, UPS – types, maintenance and troubleshooting.
- Proxy, Firewall, IP tables, VPN management
- Troubleshooting of network issues (wireless) , system and network configuration,
- Network printer configuration and issues.
- System administration or network management.
- Knowledge of NKN, Virtual Class Room setup, collaboration tools- Vidyo, skype, team
  Viewer. VCR –devices, camera, audio/video, recording.
- Concept of MCU and local remote controlling of the lecture theatres. Streaming of lectures over web.
- Surveillance, types of cameras, retrieving the recording. Backup and recovery. Concept of video analytics.
- VOIP and telecommunication services through server based exchanges. Concept of voice calls and features of such state of the art exchanges and connectivity to PSTN
- Server machines, Cloud-based solutions. Network Security solutions/ mechanisms
- Common OS types, System and Database administration in a campus situation
- Updating Website

Working hours:

Typically work a standard week. However, can be on call outside office hours, at weekends or in the evenings and need to be flexible in case of major technical problems occurs in the campus network. There may be other duties, as assigned.

2. Job Role for Website Developer/ Administrator

Essential Duties & Responsibilities

- Ensure that web sites are working properly and resolve issues, if any
- Make changes to web pages as required
- Review web pages in multiple browsers and identify/ correct operational or display issues
- Generate reports
- Support applications and troubleshoot any problems that arise and when necessary, work with other support services to find the solution and restore service.
- Other duties, as assigned

Knowledge, Skills & Abilities:

- Efficient in Microsoft Office
- Woprking with Linux, LDAP, Apache, SSO.
- Working experience of HTML, CSS, SQL, javascript. Node. Js, MEAN stack, MongoDB, Jason.
- Programming with php/ [erl
- Experience of working with Version control – git
- Knowledge of site hosting solutions, AWS.
- Experience of any template based website framework- Drupal, Wordpress, etc.
- Wireframing for website design.
- Role based access control.
- VPN management, Proxies, Internet and Intranet creation, and web portal management.
- Common attacks on website and programming techniques to counteract these attacks
- SSL, key generation, certificate, hosting sites using https
- Create/ modify website and applications for use on mobile devices.
- Develop new web applications from scratch, according to the requirements provided.
- Develop functional/ technical documentation.

Working hours:

Typically work a standard week. However, can be on call outside office hours, at weekends or in the evenings and need to be flexible in case of major technical problems occurs in the campus website/ network. There may be other duties, as assigned.

3. Job Role for System Analyst/ Programmer

Installation, Operation and Maintenance of the Servers, Network systems, RFID hardware, Bar code.

Maintenance and the operation Library management software.

Installation Maintenance and Management of any other hardware / Software related to Library Information system.

Any other duties assigned.

The application complete in all respects should reach to the office undersigned up to 31.08.2018 at 5.00 P.M.

The list of eligible candidates and the date of interview shall be uploaded on the Institute website **www.nitsri.ac.in.**

S/d
Registrar

No.NIT/PD/18/3190(i-iv)
Dated:-10.08.2018

Copy to :-

1. All HODs/Deans
2. Deputy Registrar (Accounts)
3. In charge Institute Web Site with a request to kindly get the Advertisement Notice uploaded on the Institute web site.
4. P.A. to Director for information of the Director.
5. Concerned file.

Application for the post of _____

Name in Full (Capital Letters) _____

Parentage: _____

Date of Birth: _____

Permanent Address: _____

_____

Present Address: _____

_____

Mobile No: _____

Email id: _____

Photograph

Educational Qualifications (from 12th Onwards)

Name of Degree	Name of University / Institution	Year	Percentage / CGPA

Certification Courses (if any)

Name of Course	Name of Institution	Duration /Year

Work Experience (if any), Further the candidate needs to attach a certificate from the employer, mentioning in detail regarding the nature of work / responsibilities.

Name of Employer with complete address, contact details	Post Held / Designation	Period		
		From	To	Years/ Months

Signature of Applicant with name: _____

Dated: _____