



C R Rao Advanced Institute of Mathematics Statistics and Computer Science
University of Hyderabad Campus, Prof. C R Rao Road
Gachibowli, Hyderabad – 500 046, Telangana
Website: www.crraoaimscs.org

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ADVERTISEMENT

Applications are invited in the prescribed format for the following. Candidates satisfying the mentioned qualification, requirements and experience may send their signed application with latest resume to Director, CR Rao AIMSCS, by email to jobs@crraoaimscs.res.in with the subject as Advertisement No. and position, on or before **28th July, 2023**.

S.No	Designation	Qualification and Requirements	No of posts
1	Project Scientist	Qualification: B.E/B.Tech in Computer Science/IT and ME/M.Tech/MS in Computer Science/IT with minimum 70% marks or CGPA 8.0 or above from an AICTE/MHRD recognized University/Institute Experience: Minimum 3 years Research/Industry experience Skills: <ul style="list-style-type: none">• Knowledge in network security concepts,• Android/iOS app reverse engineering,• Penetration testing,• Experience on both commercial and open-source tools such as Kali Linux, Metasploit, Burpsuite, appscan, etc.,• Java programming.	2
2	Project Associate-II	Qualification: B.E/B.Tech in Computer Science/IT (or) ME/M.Tech/MS in Computer Science/IT with minimum 70% marks or equivalent from an AICTE/MHRD recognized University/Institute Experience: Minimum 2 years Research/Industry experience Skills: <ul style="list-style-type: none">• Knowledge in Java programming,• Cyber Security, Computer Networks concepts	3
3.	Data Science Application Engineer	Qualification: MTech Data Science from AICTE/MCHRD recognized institution with 70% /CGPA 8.0 or above. Requirement: <ul style="list-style-type: none">• Exposure to Environments & Libraries of ML & DL, including data preparation and visualization.• Good understanding of Neural Networks• Strong Programming Skills in C/C#/Java/Python• Good knowledge of R/Excel and writing Macros• Good mathematics background especially on Linear Algebra and Probability• Analytical Thinking• Knowledge of Cryptography/Cryptanalysis, Hash Functions Experience: Minimum 1-year live project/thesis experience	5
4.	Embedded Systems Engineer	Qualification: B.Tech/M.Tech Electronics and Communication Engineering from AICTE/MCHRD recognized institution with 70% /CGPA 8.0 or above. Requirement: <ul style="list-style-type: none">• Embedded Systems Programming, cross-compiler debugging.• Exposure to ARM platform, RISC architecture knowledge• Good Knowledge of Wireless protocols, Open AT commands, WiFi, Zigbee, LoRa, GSM/GPRS	3

	<ul style="list-style-type: none">• Deep Understanding of Low-level wireless protocols• Strong Programming Skills in C/C#/Java/Python• Knowledge of Cryptographic Algorithms & hash functions <p>Experience: Minimum 1-year live project/thesis experience in building algorithms onto ARM processors.</p>	
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Note:

- 1) Detailed CV to be attached with all the technical work done in the various domains, highlighting programming experience.
- 2) Initial appointment will be for a probation period of 6 months. Extension will be given based on performance and necessity.
- 3) The salary and emoluments will be as per qualifications and experience.
- 4) For posts S.No 1 and 2, emoluments are as per DST norms.
- 5) The number of posts is indicative; additional posts may be considered based on project requirement.
- 6) The Institute reserves the right to fill or not to fill the positions according to the suitability of the candidates.
- 7) All the posts are for project-based duration.

**Sd/-
Director
CR Rao AIMSCS**