



**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**  
**MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR**  
JLN Marg, Jhalana Gram, Malviya Nagar, Jaipur, Rajasthan 302017

Advt. No. MNIT/CSE/2022/PROJ./RP0074-01

Date: 18/07/2022

**ADVERTISEMENT FOR PROJECT STAFF FOR R&D PROJECT ON CYBERSECURITY**  
**AT MNIT JAIPUR**

Applications are invited from highly motivated and dynamic eligible candidates for the following temporary positions to work for the projects focused on cybersecurity, formal program analysis, software testing, and high-end computing-intensive test bed development suitable for cybersecurity applications titled “**Analysing Vulnerabilities in Applications and Device Drivers in Linux and Windows OS Platforms Using Symbolic Execution**” (RP0074).

**1. THE MINIMUM ESSENTIAL AND DESIRABLE QUALIFICATIONS FOR THE PROJECT POSTS ARE AS FOLLOWS:**

S. No.	Position	Qualification (Minimum)	Desirable Qualification	Upper Age Limit and Salary
1.	Project Scientist – III	<ol style="list-style-type: none"><li>M.E./MTech. Degree in Computer Science &amp; Engineering/Computer Engineering/ Information Technology or equivalent degree in related fields.</li><li>05 years’ experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and Services. Desirable excellent programming skills with relevant experience in Cybersecurity</li></ol>	<ol style="list-style-type: none"><li>Knowledge in cyber security, operating systems, virtualization &amp; debugging software along with GitHub and CVS.</li><li>Good knowledge in computer programming (Python/C/C++ is preferable).</li><li>Excellent written and oral communication skills.</li></ol>	40 Years  Per month Rs.78000/- + (HRA as per norms of GOI)
2.	Project Associate – II	<ol style="list-style-type: none"><li>M.E./MTech. Degree in Computer Science &amp; Engineering/Computer Engineering/ Information Technology or equivalent degree in related fields.</li><li>02 years’ experience in Research and Development in Industrial &amp; Academic Institutions or Science &amp; Technology Organizations and Scientific activities and Services</li></ol>	<ol style="list-style-type: none"><li>Knowledge of cyber security, operating systems, virtualization &amp; debugging software along with GitHub and CVS.</li><li>Good knowledge of computer programming (Python/C/C++ is preferable).</li><li>Excellent written and oral communication skills.</li></ol>	35 Years  Per month Rs.35,000/- + HRA (HRA as per norms of GOI)

**\*NOTE: This is a pure temporary ad-hoc project post and the appointment shall be initially for one year and can be extended only after satisfactory progress. In any case, the appointment shall be for the duration of the project or 24 months whichever is earlier.**

## 2. ADDITIONAL REQUIREMENTS: For Project Scientist – III / Project Associate – II positions

1. Willingness to learn new software tools and experiments is essential.
2. Will be required to work in deliverable mode and adhere to deadlines set by the project investigator.
3. Experience in program analysis, program verification, malware analysis, symbolic execution and designing heuristics for NP complete problems are highly desirable.
4. More experienced candidates in relevant skills will be preferred.
5. Experience in GUI interfaces (desktop or Mobile or Web) is desirable.

## 3. POSITIONS FOR INTERNS\*:

1. **Project Intern-I:** A candidate pursuing a full-time degree in **Bachelor of Technology** from any University/Institute recognized by Govt. of India in the field of **Computer Science & Engineering/Computer Engineering/ Information Technology or equivalent degree in related fields.** (A good aptitude for Operating systems and Cybersecurity is desired by the candidate)

**Stipend:** Per month Rs. 8000/- consolidated

2. **Project Intern-II:** A candidate pursuing a full-time degree in **Master of Technology** from any University/Institute recognized by Govt. of India in the field of **Computer Science & Engineering/Computer Engineering/ Information Technology/ Information Security/Cloud Computing or equivalent degree in related fields.** (A good aptitude in the domain of Cyber Security, Virtualization, and Programming is desired by the candidate)

**Stipend:** Per month Rs. 15000/- consolidated

**Age Limit:** 35 Years as on the last date of application

**\*Please note that the Intern positions are for 2 / 6 / 12 months and are purely contractual.**

## 4. GENERAL INSTRUCTIONS AND INFORMATION:

1. Appointed candidate will be placed at the Malaviya National Institute of Technology Jaipur and the appointment will be made purely on a temporary basis initially for a period of one year and can be extended up to the completion of the project based on the performance. The contract will also include a one-month notice period wherein if the candidate selected wants to discontinue the project, he/she will have to inform the PI one month in advance. In case the PI is not satisfied with the performance of the candidates, he/she will need to inform them one month prior to the termination of the contract.
2. Please upload self-attested photocopies of supporting documents. Original documents along with one set of self-attested copies will have to be produced at the time of the written test/interview for verification.
3. The interested candidates having the required qualification and experience (as mentioned above) may apply for the post by giving the required details in google form for which below link is available: - <https://forms.gle/yFeja3AAdNpoVHLF7>
4. Applications, which are not in the prescribed format, shall be summarily rejected. No correspondence shall be entertained in this regard.
5. No TA/DA will be paid for attending the written test/interview.
6. Any queries related to the above post must be addressed to [cybersecmnitj@gmail.com](mailto:cybersecmnitj@gmail.com)

## 5. IMPORTANT DATES

Submission of soft copy of the application in prescribed format along with scanned documents/mark sheets through email	<b>August 1, 2022</b>
Date of written test/ interviews	<b>First Week of August, 2022</b>