

<b>Designation</b>	Program Manager, Skill Building
<b>Responsibilities</b>	<p>The Centre of Excellence in Cybersecurity, Govt of Karnataka (CySecK CoE), supported by the Dept of Electronics, IT, BT and S&amp;T, GoK and the Karnataka Innovation and Technology Society (KITS). The objectives of the CoE are organized into 4 pillars:</p> <p><b><i>Skill building</i></b>  <b><i>Promotion of industry and start-ups</i></b>  <b><i>Supporting state government departments with cyber risk management</i></b>  <b><i>Research and innovation</i></b></p> <p>The responsibilities of the Program Manager, Skill Building include the following:</p> <ul style="list-style-type: none"> <li>• Define and execute the academia programme of CySecK</li> <li>• Conduct workshops in colleges and universities across Karnataka, to raise awareness of cyber security as a career option among students</li> <li>• Organize “Finishing Schools” at various locations in Karnataka in partnership with local academic institutes to bridge skill gaps, as well as facilitate internships for participants</li> <li>• Conduct Faculty training-and-certification sessions for faculty of UG, PG and Diploma degree programmes</li> <li>• Manage the development of high-quality recorded courses on various topics of cyber security, to be made available through MOOC platforms</li> <li>• Identify and foster partnership with other organizations from industry, academia, government bodies, civil society and volunteers to strengthen the academia programme</li> <li>• Manage volunteer programmes for skill building and ensure the effectiveness of the skilling programmes conducted through volunteers</li> <li>• Establish and operate a virtual “Cyber Range” for strengthening practical skills among students of cyber security programmes</li> <li>• Supplement vocational training courses with trainings on secure practices for technicians</li> <li>• Conduct periodic reviews of activities to assess effectiveness and identify any corrective actions to be taken</li> <li>• Prepare holistic budget estimates for all activities</li> <li>• Create and maintain project plans with detailed work breakdown structure</li> <li>• Define and prepare periodic project status updates to various levels of stakeholders</li> <li>• Track project status and take corrective actions where necessary</li> </ul>

	<ul style="list-style-type: none"> <li>Resolve any issues in accomplishing the deliverables as per scope, schedule and quality</li> </ul>
<b>Employment type</b>	Full-time, fixed-term contract for three years, initially with six-month probation. Based on requirements and performance, the contract can be extended by mutual consent.
<b>Remuneration</b>	Commensurate to with experience and skill set, competitive with the industry
<b>Location</b>	Bengaluru
<b>Education</b>	<ol style="list-style-type: none"> <li>ME/MTech or above in Electrical, Electronics, or Computer Science or allied disciplines or</li> <li>BE/BTech in Electrical, Electronics, or Computer Science or allied disciplines and/or Management degree</li> </ol>
<b>Experience level</b>	Overall experience of 5+ years with at least 2 years in Project / Program Management and relevant R&D experience. These could be relaxed in the case of candidates with an exceptional track record.
<b>Technical skills</b>	<ul style="list-style-type: none"> <li>Experience in cyber security policy and practice, knowledge of security vulnerabilities, security measures threat modeling approaches, and tools.</li> <li>Understanding of network attacks, DDoS, encryption, authentication, logging and log analysis, security rules and policies, and knowledge of related protocols (e.g., TCP/IP, TLS, routing protocols).</li> <li>Understanding of database security, data encryption, data desensitization, data backup, and managing identity and access such as role-based access control.</li> <li>Exposure to cyber security audit mechanisms of and exposure to standards-based security assessment (ISO 27001), cyber security frameworks such as that of NIST</li> </ul>
<b>Management Skills</b>	<ul style="list-style-type: none"> <li>Knowledge of programme management principles, and processes, strong interpersonal skills, people management and mentoring skills, ability to work in small teams and manage projects independently</li> <li>Excellent verbal and written communication in English and Kannada</li> <li>Strong moral compass that will uphold organizational values of public service, ethics, and integrity</li> <li>Ability to interact with and manage senior-level stakeholders in government, academia, and industry</li> </ul>
<b>Selection Process</b>	After the closing date, the applications will be screened, and shortlisted candidates will be called for personal interviews. <u>IISc and FSID reserve the right to interview only a subset of the candidates.</u>
<b>How to Apply</b>	<p><b>Please send your CV with a cover letter and any other relevant supporting documents as a single PDF document to <a href="mailto:kuri@iisc.ac.in">kuri@iisc.ac.in</a>, with the subject line “CySecK CoE PM SB”</b></p> <p>For any queries, please email <a href="mailto:kuri@iisc.ac.in">kuri@iisc.ac.in</a>, with the same subject line.</p>

<b>Closing date</b>	<b>14 October 2024</b>
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