

<b>Designation</b>	Program Director, Cyber security risk management and training for Government of Karnataka departments
<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></p> <p><b><i>Promotion of industry and start-ups</i></b></p> <p><b><i>Supporting state government departments with cyber risk management</i></b></p> <p><b><i>Research and innovation</i></b></p> <p>The responsibilities of the Program Director, Cyber security risk management and training for Government of Karnataka departments include the following:</p> <ul style="list-style-type: none"> <li>• Develop and implement cyber security programme for various state government departments</li> <li>• Recruit and manage a cyber security team that will interact with various government departments like the CeG and the SDC to <ul style="list-style-type: none"> <li>o Define a cyber security risk management and governance strategy</li> <li>o Review and periodic refresh of the cyber security policy</li> <li>o Devise a cyber security architecture</li> <li>o Oversee its implementation in the departments</li> <li>o Define and implement Secure Software Development Life Cycle (SDLC) processes for the departments</li> <li>o Conduct risk assessments, exercises, and subject processes to tests and audits</li> <li>o Provide training sessions to departments and Law Enforcement Agencies</li> </ul> </li> <li>• Stay informed about the latest industry trends and security tools and promote their adoption when they add value to the departments</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> </ul>

	<ul style="list-style-type: none"> <li>Track project status and take corrective actions where necessary</li> <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 7+ years with at least 3 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>	<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 PD”</b>

	For any queries, please email <a href="mailto:kuri@iisc.ac.in">kuri@iisc.ac.in</a> , with the same subject line.
<b>Closing date</b>	<b>14 October 2024</b>