





**Programme Project Report – PPR**  
**(To be annexed with Programme Development Form)**  
**(Approval of the School Board and Academic Council)**

Name of the School: **School of Vocational Education and Training**

Name of the Programme: **Master of Science (Information Security) (MSCIS)**

S.No.	Parameters	Details
a.	Programmes mission & objectives:: (its alignment with industrial/ learner demands)	<p>Mission:</p> <ul style="list-style-type: none"> <li>To provide protection and security to personal data and to built data-oriented infrastructure for stakeholders.</li> <li>To raise high professional ethics among individuals towards providing information security.</li> <li>To experiment and learn the skills and techniques needed for providing protection and security to our information.</li> </ul> <p>Objective:</p> <p>To prepare graduate students for productive courses in Information Security by providing an outstanding environment for teaching and research in core areas of the discipline.</p>
b.	Relevance of program with IGNOU's Mission & Goals:	The programme is relevant to IGNOU's mission and goal i.e. reaching the unreached learners. It will provide knowledge and skills/competencies to make an individual for getting a job or start his/her own start up in the field of information security. The programme provides for instruction in such branches of knowledge, technology, vocations and professions as the University may determine from time to time and to make provision for research.
c.	Nature of prospective target group of learners : 1. Specify the target group: 2. Needs of the target group: (Annex Report of Exploratory Expert Committee Meeting and Need Assessment Study)	<ul style="list-style-type: none"> <li>Any graduate from who belongs to every section of society.</li> <li>To cater the needs of youth those, want their career in the area of IT and Security.</li> <li>To upgrade existing skills of in-service employee in Information Security.</li> </ul>
d.	Appropriateness of program to be conducted in Open & Distance Learning (ODL) mode to acquire specific skills & competence : Specify the expected learning outcomes in terms of: 1. Knowledge attainment: 2. Transferable Skills and Competencies:	Most of the important and personal data is stored electronically and has large commercial value. Industry across the globe, especially the outsourcing Industry, is facing a huge challenge for security and privacy. Recently, the Government of India initiated the 'Digital India' scheme, where the information of every citizen would be kept safe in

  
  
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	<p>3. Reflection of academic, professional and occupational standards:</p>	<p>the electronic database. Government is also promoting digital transactions in all walks of life. Now, the major threat is concerning information security and privacy issues. Therefore, the proposed master-level programme has great relevance for the growth of society and the Indian economy. Towards this need, IT-ITeS Sector Skills Council NASSCOM (SSC NASSCOM) has embarked on a need of the program to build Cyber Security Skills to support the ecosystem. Therefore, there is a great need for making computer professionals be proficient in preventing the threats. This leads to the need for privacy and a lot of demand because IT is growing exponentially. So, there will be a tremendous demand for capacity-building programmes for computer professionals.</p> <ul style="list-style-type: none"> <li>• The programme will be appropriate for the in-service employee working in every sector. It will also be useful for the prospective employee of public and private sector.</li> <li>• To meet the industry needs as per their requirements</li> <li>• To acquaint the trainee with Information security Skills through ODL like Analytic Ability, Analyse Security Stream, Security Efficiency, Problem Solving and supporting and managing the Security Services.</li> </ul>
<p>e.</p>	<p>Instructional Design :</p> <ol style="list-style-type: none"> <li>1. Curriculum design (<i>Outcome of Expert Committee meeting; Programme Structure: specify the theory, practical, fieldwork, project, etc components</i>):</li> <li>2. Total Credit hours (<i>including course wise</i>):</li> <li>3. Detailed syllabi:</li> <li>4. Duration of the programme (<i>Minimum &amp; Maximum</i>):</li> <li>5. Medium of instruction:</li> <li>6. Type of programme (<i>General/ Professional</i>):</li> <li>7. Faculty and Support staff:</li> <li>8. Instructional design &amp; delivery mechanism (<i>Media to be used -print, audio, video, online, computer aided, web based, etc. (course wise)</i>):</li> <li>9. Student Support Service system (<i>Specify the provisions to be made at HQs, Regional Centres, Learner Support Centres and Web based, etc</i>):</li> </ol>	<ol style="list-style-type: none"> <li>1. A copy of the Minutes of the Expert Committee meeting held on 18<sup>th</sup> June, 2021 ( enclosed)</li> <li>2. 1920 hours (64 Credits, 1 credit= 30 hours)</li> <li>3. Enclosed</li> <li>4. Duration: Minimum: 2 Years, Maximum : 4 Years</li> <li>5. Medium of Instruction: English</li> <li>6. Vocational</li> <li>7. Professor and 1 Assistant Professor</li> <li>8. Printed SLMs, Audio/Video/Online/Web based for all the courses and Gyan Vani/Gyan Darshan/SWAYAM Prabha platform.</li> <li>9. As per existing PGDIS and MCA programmes</li> </ol>
<p>f.</p>	<p>Procedure for admissions, curriculum transaction and evaluation:</p> <ol style="list-style-type: none"> <li>1. Define the admission policy (<i>including</i></li> </ol>	<ol style="list-style-type: none"> <li>1. As per IGNOU's norms</li> <li>2. Bachelor Degree in any discipline or its</li> </ol>

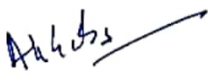
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	<p><i>web based tools to be adopted</i> ) :</p> <ol style="list-style-type: none"> <li>2. Eligibility criteria:</li> <li>3. Fee structure:</li> <li>4. Financial assistance to learners (if any):</li> <li>5. Activity planner of all academic activities of the academic session:</li> <li>6. Policy for Evaluation of learner progress along with methods and tools:</li> </ol>	<p>equivalent from the recognized University/ Institute.</p> <ol style="list-style-type: none"> <li>3. Rs. 10800/- per Semester as per existing SOVET's PGDIS programme</li> <li>4. As per University norms</li> <li>5. Will be specified in Programme Guide as per University norms.</li> <li>6. Subjective (Summative) evaluation method will be adopted (70/ Theory and 30% Continuous Evaluation). For all courses, the evaluation process carries course wise weightage of each component i.e. theory, continuous evaluation and practicals. The evaluation comprises (i) Self assessment exercises within each unit of study (non-credit); (ii) Continuous evaluation, term-end examination and practicals in the form of periodic assignments carries course-wise weightage from 70% for all theory and practical courses and 30% for continuous evaluation. All the assignments and term-end examination will be scored on a numerical marking scheme. The requirement for passing would be at least 50% marks in continuous evaluation and 50% in the term end examination with overall average 40 marks for pass in the course. For practical course: practical session lab record (50 marks); Assignment Problems (40 marks) and Combined viva (20 Marks). The minimum passing marks will be overall (lab records+problems+viva) 50% in each assignment. The project consists of two components i.e. project evaluation and viva voice (150 marks for project evaluation +50 marks for Viva Voice =200 Marks). Viva Voice is compulsory and is a part of evaluation. A learner in order to declare successful in the project must secure 50% marks in each component i.e. project evaluation and viva voice.</li> </ol>
g.	<p>Requirement of the laboratory support and library resources:</p> <ol style="list-style-type: none"> <li>1. Laboratory support to the learners (if any):</li> <li>2. Provision of Practical book for learners (if any):</li> <li>3. Provision of Virtual Reality methods for Practical in case of Online learning (if any):</li> </ol>	<ol style="list-style-type: none"> <li>1. The existing PGDIS software's and OER/Open software license will be used for laboratory support to the learners.</li> <li>2. Will be developed by 15<sup>th</sup> September 2021</li> <li>3. Existing MOOC programmes will be used.</li> </ol>
h.	<p>Cost estimate of the program and the provisions:</p> <ol style="list-style-type: none"> <li>1. Indicate the budgetary requirement for:               <ol style="list-style-type: none"> <li>1. Programme Development</li> <li>2. Delivery</li> </ol> </li> </ol>	<ol style="list-style-type: none"> <li>1. 9 Lakh</li> <li>2. As per IGNOU norms</li> </ol>

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S.No.	Parameters	Details
	3. Maintenance	3. About 1 Lakh
i.	<p>Quality assurance mechanism and expected program outcomes*:</p> <ol style="list-style-type: none"> <li>1. Define the review mechanism of the Programme for enhancing the standards of curriculum, instructional design relevant to professional requirements:</li> <li>2. Define Programme benchmark statements:</li> <li>3. Mechanism for monitoring the effectiveness of the programme:</li> </ol> <p>*Minimum standards must adhere to UGC (ODL) Regulations, 2017 and directions of the Statutory Bodies of the University</p>	<ol style="list-style-type: none"> <li>1. The university has standard norms and guidelines for programme design, development and delivery of its programme. The present programme adopted all SLMs design guidelines as well pedagogy of distance education as per IGNOU norms. Faculty also gets feedback form students on courses from time to time. Two percent assignment are being monitored by faculty in the school.</li> <li>2. The programme has been designed as per UGC (ODL and Online) Regulation, 2020 and direction of Statutory Bodies of the University (School Board, Planning Board and Academic Council).</li> <li>3. The university also adopt Programme Evaluation techniques for the revision of the programme. The student support services are being monitored through network of regional and study centers.</li> </ol>

  
 Name & Signature of Programme Coordinator(s)

  
 Name & Signature of the Director of the School of Studies with seal

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**Enclosure:**

1. Report of Exploratory Expert Committee Meeting
2. Need Assessment Report

  
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