



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

1. Name of the School: School of Interdisciplinary and Transdisciplinary Studies
2. Name of the Programme: M.A. Environmental and Occupational Health & MAEOH

S.No.	Parameters	Details
a.	Programmes mission & objectives:: <i>(its alignment with industrial/ learner demands)</i>	<p><b>Programme Mission:</b></p> <p>The mission of the Master of Arts (Environmental and Occupational Health) programme is to enable students to think critically on Environmental and Occupational Health which is to prevent adverse health effects related to chemical and biological contaminants in the environmental and occupational exposures through education, research, and service. The central theme is prevention, focusing on initiatives for the society to decrease, the burden of occupational hazards and environmental health.</p> <p><b>Programme Objectives:</b></p> <ul style="list-style-type: none"> <li>• Describe how the environment and human health interact at different levels.</li> <li>• List the types of occupations and discuss how they can cause risk to human health</li> <li>• Describe pathways of human exposure to hazardous agents and stressors in the environment and workplace and their impact on human health</li> <li>• Investigate how individual and population factors affect vulnerability and evaluate epidemiologic methods used in occupational and environmental research and interpret findings.</li> <li>• Identify and measure environmental and occupational hazards and develop strategies to prevent these hazards affecting workers, property, environment and the general public.</li> <li>• Develop mitigation strategies to contain</li> </ul>

		<p>and manage environmental and occupational hazards for positive health</p> <ul style="list-style-type: none"> <li>• Exhibit the knowledge and skills needed to improve the environmental sustainability of human health systems</li> </ul>
<p>b.</p>	<p>Relevance of program with IGNOU's Mission &amp; Goals:</p>	<p>During designing this programme, sufficient consideration has been given to cohereto the mission and goals of IGNOU. As the mission and goal of the IGNOU is to provide distance education programme in diversified areas, this programme touches upon one of the significant areas and need of the hour in environmental discipline that is environmental and occupational health. This multidisciplinary programme aims to impart education and build knowledge and capacities of graduates at various concepts related to general environment, environment at the work place, related hazards and evaluation of health risk assessment by providing solutions to various aspects of environmental health, occupational hazard management, epidemiology, health policy and management, and environmental health promotion, so that they would be able to conduct studies on various issues and challenges of environmental and occupational hazards. This would be a unique programme to be available in the country in conventional and distance mode of offering programmes in the higher education system. The successful learners will be able to work with health practitioners, researchers and policy makers to develop, evaluate and monitor health policies, programs and practices related to healthy environments. This programme is in relevance with the IGNOU's Mission and Goals by dissemination of the environmental and occupational health knowledge through education for all through open and distance learning mode with blended option, to strive towards continuous development to meet these challenges of the society. <b>Environmental and</b></p>



		<p>occupational health professionals improve public health by focusing all their efforts on identifying and addressing these environmental risk factors. This is fairly a new discipline and area of study. Here it is emphasized that all the courses of PG Diploma in Environmental and Occupational Health (PGDEOH) programme would be the first-year courses of the MA in Environmental and Occupational Health programme. The learners of PGDEOH programme and many other employee learners, other stakeholders have requested for upgradation of this programme to MA.</p>
<p>c.</p>	<p>Nature of prospective target group of learners:          1. Specify the targetgroup:          2. Needs of the targetgroup:  <i>(Annex Report of Exploratory Expert Committee Meeting and Need Assessment Study)</i></p>	<ol style="list-style-type: none"> <li>1. Applicants to this program should possess graduation from any discipline and must possess a strong inclination and desire to build a career in Environmental and Occupational health and should also have an interest in issues related to public health and the environment.  <b>Qualification:</b> Any Graduate  <b>Gender:</b> No issue  <b>Age:</b> No Bar  <b>Employment Status:</b> Build capacities of learners interested to pursue job in industrial sectors, hospital management, safety inspectors, environmental health specialists, health practitioners, researchers and policy makers to develop, evaluate and monitor health policies, programs and practices related to healthy environments.</li> <li>2. <b>Area of Residence:</b> Both Rural and Urban.</li> <li>3. <b>Social Status:</b> Students belonging to various social strata of the society will be benefited.</li> <li>4. Expert Committee Meeting minutes</li> <li>5. Need Assessment Study(Copies enclosed at annexure 2 &amp; 3)</li> </ol>

<p>d.</p>	<p>Appropriateness of program to be conducted in Open &amp; Distance Learning (ODL) mode to acquire specific skills &amp; competence: Specify the expected learning outcomes in terms of:</p> <ol style="list-style-type: none"> <li>1. Knowledge attainment:</li> <li>2. Transferable Skills and Competencies:</li> <li>3. Reflection of academic, professional and occupational standards:</li> </ol>	<p><b>Learning Outcomes:</b></p> <p>After completing Master of Arts (Environmental and Occupational Health) student will be able to</p> <ul style="list-style-type: none"> <li>• Define environmental &amp; Occupational health in the context of the interrelationship of human activities, environment Occupation and public health;</li> <li>• explain hazards at worksites</li> <li>• Adopt and execute strategies to prevent hazards to workers, property, environment and the general public.</li> <li>• Describe food/water sanitation, hazardous/infectious waste handling, and cleanliness/safety in all environments.</li> <li>• Outline the method of collecting and analyzing environmental samples to test for hazards and dispensing information regarding disease outbreaks</li> <li>• Explain Industrial safety and disaster management</li> <li>• Describe knowledge of the history of environmental health;</li> <li>• Design and execute a feasible plan to address gaps in the state of knowledge in environmental and occupational health</li> <li>• Discuss public health in the context of environmental factors, occupational exposures, and individual susceptibilities, and related health</li> <li>• Explain research implications, methods, results, and conclusions, demonstrated through the preparation and defense of a thesis;</li> <li>• Interpret published environmental health research findings; and</li> <li>• Design and execute a feasible research plan to address gaps in the state of knowledge in environmental and occupational health;</li> </ul> <p><b>Specific Skill and Competencies:</b></p> <ol style="list-style-type: none"> <li>1. Competency skill to conduct research and</li> </ol>
-----------	---	---

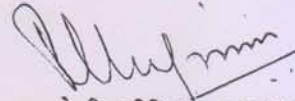


		<p>studies to improve public health by focusing all their efforts on identifying and addressing these environmental risk factors</p> <p>2. Formulate project proposals, conduct research and write report relating to multidimensional environmental health and public health problems and challenges.</p>
e.	<p><b>Instructional Design :</b></p> <ol style="list-style-type: none"> <li>Curriculum design (<i>Outcome of Expert Committee meeting; Programme Structure: specify the theory, practical, fieldwork, project, etc components</i>):</li> <li>Total Credit hours (<i>including coursewise</i>):</li> <li>Detailed syllabi:</li> <li>Duration of the programme (<i>Minimum &amp; Maximum</i>):</li> <li>Medium of instruction:</li> <li>Type of programme (<i>General/ Professional</i>):</li> <li>Faculty and Support staff:</li> <li>Instructional design &amp; delivery mechanism (<i>Media to be used -print, audio, video, online, computer aided, web based, etc. (coursewise)</i>):</li> <li>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>The programme was designed with the help of the Expert Group. It will have 74 credits and will be offered through ODL. (Copy enclosed)</li> <li>74 credits</li> <li>Copy enclosed at Annexure</li> <li>Minimum-2yrs &amp; Maximum 4yrs</li> <li>English</li> <li>General</li> <li>9 faculty from In-house &amp; from other schools within IGNOU</li> <li>Print, audio, soft copies of SLM of the programme available in e-GyanKosh.</li> <li>As per the IGNOU norms</li> </ol>
<b>S.No.</b>	<b>Parameters</b>	<b>Details</b>
f.	<p>Procedure for admissions, curriculum transaction and evaluation:</p> <ol style="list-style-type: none"> <li>Define the admission policy (<i>including web based tools to be adopted</i>):</li> <li>Eligibility criteria:</li> <li>Fee structure:</li> <li>Financial assistance to learners (if any):</li> <li>Activity planner of all academic activities of the academic session:</li> <li>Policy for Evaluation of learner progress along with methods and tools:</li> </ol>	<ol style="list-style-type: none"> <li>1. As per IGNOU admission policy</li> <li>2. Graduation from any discipline</li> <li>3. As per IGNOU norms (P&amp;DD)</li> <li>4. No</li> <li>5. As per IGNOU Rules and Regulations</li> <li>6. Continuous assignments carrying 30% weightage and Term-End Examinations carrying 70% weightage</li> </ol>
g.	<p>Requirement of the laboratory support and library resources:</p> <ol style="list-style-type: none"> <li>Laboratory support to the learners (<i>if any</i>):</li> <li>Provision of Practical book for learners (<i>if any</i>):</li> <li>Provision of Virtual Reality methods for Practicals in case of Online learning (<i>if any</i>):</li> </ol>	NA

h.	Cost estimate of the program and the provisions: 1. Indicate the budgetary requirement for: 1.ProgrammeDevelopment 2.Delivery 3.Maintenance	Rs.3,00,000/-
i.	Quality assurance mechanism and expected program outcomes*: 1. Define the review mechanism of the Programme for enhancing the standards of curriculum, instructional design relevant to professional requirements: 2. Define Programme benchmark statements: 3. Mechanism for monitoring the effectiveness of the programme: *Minimum standards must adhere to UGC (ODL) Regulations, 2017 and directions of the Statutory Bodies of the University	1. The programme will be revised after 5 years 2. It is multidisciplinary in nature which is one of the mandate of the NEP 2020 3. Through telephone, What App, e-mail, through google meet

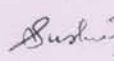
Name & Signature of Programme Coordinator(s)

1. Prof.B.Rupini  
Environmental Studies, SOITS



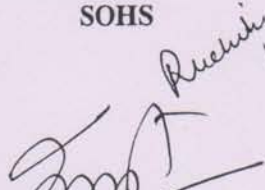
प्रो. वि. रूपिणि / Prof. B. RUPINI  
अचार्य (पर्यावरण अध्ययन) एस.ओ.आई.टी.एस.  
Professor of Environment Studies, SOITS

2.Dr.Sushmitha Baskar  
Environmental Studies, SOITS



डॉ. सुष्मिता भास्कर / Dr. Sushmitha Baskar  
अध्यापक, पर्यावरण अध्ययन  
Assistant Professor, Environmental Studies  
अंतर विषयक एवं परा-विषयक अध्ययन विद्यापीठ  
School of Interdisciplinary & Trans-disciplinary Studies  
इ.गॉ.रा.मु.वि., मैदान गढ़ी, नई दिल्ली-110068  
IGNOU, Maidan Garhi, New Delhi-110068

3.Prof.Ruchika Kuba  
SOHS



प्रोफेसर (डॉ.) रुचिका कूबा / Prof. (Dr.) Ruchika Kuba  
प्रोफेसर / Professor  
स्वास्थ्य विज्ञान विद्यापीठ / School of Health Sciences  
इ.गॉ.रा.मु.वि., मैदान गढ़ी, नई दिल्ली-110068  
IGNOU, Maidan Garhi, New Delhi-110068

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

Enclosure:

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

प्रो. शची शाह  
निदेशक (एस.ओ.आई.टी.एस.) इग्नू  
Prof. Shachi Shah  
Director (SOITS) IGNOU