

Mapping of the Courses to employability/entrepreneurship/Skill Development

Academic session 2022-2023

Name of the Department: P. G. Department of Geography

1.1.3: Average Percentage of Courses having focus on employability/ entrepreneurship/ Skill Development offered by Fakir Mohan University: Ph. D. Course Work – 60% (03 out of 05)				
Name of the course	Course code	Activities/content with direct bearing on employability	Activities/content with direct bearing on entrepreneurship	Activities/content with direct bearing on Skill Development
Research Methodology and Computer Applications	GG-701	Data Collection and Sampling, Report Writing, Computer Fundamentals	NO	Tools and Techniques in Data Collection, Sampling Techniques, Report Writing, Computer Applications
Recent Trends in Geography	GG-702	Demographic data Handling, Sample Survey, Population Policy	GIS, GPS & Remote Sensing Analysis - GIS Firms	Demographic Measures and Techniques, Disaster Vulnerability and Capacity Analysis
Research and Publication Ethics	RPE	Research and development	Publication Firm	Application of Research ethics


Signature of Head/ Coordinator with Seal

Head
P.G. Department of Geography
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Balasore-756089


Registrar
Fakir Mohan University
Vyasavihar, Balasore

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Name of the Department: P. G. Department of Geography

1.1.3: Average Percentage of Courses having focus on employability/ entrepreneurship/ Skill Development offered by Fakir Mohan University: M. A./ M. Sc. – 91.3% (21 out of 23)				
Name of the course	Course code	Activities/content with direct bearing on employability	Activities/content with direct bearing on entrepreneurship	Activities/content with direct bearing on Skill Development
Geomorphology	GG-101	NO	NO	Identification of Geomorphic Features and Mapping
Bio Geography and Environmental Geography	GG-102	Environmental Pollution and Pollutant , Disaster Management	NO	NO
Human and Economic Geography	GG-103	Economic and Developmental Planning	Community Engagement	Economic and Social Model Building
Regional Geography: India and Odisha	GG-104	Regional Planning	NO	Mapping and Regional Differentiation, understanding problems at local scale
Quantitative Geography	GG-105	Data Handling	Data Analyst	Data Science, Research and Development
Climatology, Oceanography, Hydrology	GG-201	Ground Water Mapping, Techniques of Weather Forecasting, Marine Resource Study, Coastal Area Management	NO	Measurement of weather elements , Conservation of Water and Mapping Ocean Resources and Disasters
Modern Geographical Thought	GG-202	Research and development; epistemology and ontology	NO	Creativity and disciplinary leadership skill
Population and Settlement Geography	GG-203/ GG-301	Demographic data Handling , Sample Survey, Population Policy	NO	Demographic Measures and Techniques, Conservation of Traditional Knowledge on Regional Archie-structure
Social and Cultural Geography	GG-204	NO	Social entrepreneurship addressing social inequity, equitable economic and cultural development and social engineering	Social entrepreneurship skill
Survey and Cartography	GG-205	Map Making and Interpretation; Land Use Survey and Socio-economic Survey	NO	Cartography and Map Projection; Land Use Survey, Feature Identification and Socio-economic Survey

Name of the course	Course code	Activities/content with direct bearing on employability	Activities/content with direct bearing on entrepreneurship	Activities/content with direct bearing on Skill Development
Research Methodology: Theory and practice	GG-302	Data Collection, Sampling, Report Writing	NO	Tools and Techniques in Data Collection, Sampling Techniques
Politics, Regions and Planning in Geography	GG-303	NO	NO	Geo politics of resources, Mapping party politics and electoral behaviour (I,II,III)
Survey	GG-305	Land Use Survey and Socio-economic Survey	NO	Land Use Survey, Feature Identification and Socio-economic Survey
Advanced Cartography	GG-401 B	Modern Cartographic Techniques, Map Projection, Symbolizing Geographic Features, Generating Cartographic Data, Application of Computer in Cartography	Web-based mapping applications, geospatial their cartography-related entrepreneurial ventures.	Data visualizations, Data representation, Geospatial Database Management, Technical Writing and Documentation, Project Management
Remote Sensing and Applications	GG-402 B	Image Analysis Techniques, Remote Sensing Software Proficiency, Remote Sensing Applications and Geospatial Data Integration	Business Planning for Remote Sensing Services	Remote Sensing Data Interpretation, Remote Sensing Applications Project, Spatial Analysis
GIS and Applications	GG-403 B	Geospatial Data Analysis and use of GIS Software in the fields of like urban planning, environmental management etc.	Entrepreneurial ventures in geospatial technology by using GIS-based solutions	Cartographic skill, design, Web GIS Development, Data Visualization and Spatial Problem-Solving
Population Studies, Data and Population Policies	GG-401 C	Demographic data Handling, Sample Survey, Population Policy	NO	Evaluation and Adjustment of data, Population Projection
Fertility, Mortality and Public Health	GG-402 C	Population Analysis, Public Health	NO	Demographic Measures and Techniques
Migration, Urbanization and Development	GG-403 C	Urban Issues	NO	Development Indicators
Computer Applications in Geography	GG-404	Data Analysis using SPSS and GIS Software	GIS Analysis - GIS Firms	Excel, SPSS and QGIS/ Arc GIS operation

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