Best Practices

The Department of Geography and Disaster Management conducts field study tour every year in the areas of special socio-economic and geographic significance .i.e Gurez, Ladakh, Chenab Valley and different hydro-electric power projects of the country. The significant component of such field studies is to train the students in field exercises and to have a broder outlook of the rural development and community empowerment programmes in such areas. Experiences on the ground are assessed and disseminated in order to highlight socio-economic setup and different geographic peremeteres. The prime focus of such field tours is to estimate the change in the income, sources of income, asset ownership, incidence, depth and severity of poverty and associated social characteristics of the poor households. The people's accessibility to use of basic social and public services, such as access to water and sanitation, education, health, civil acts registration, etc. are also the focus of such studies. To basic objective of such practices is to provide students with means enabling them to implement community-driven socio-economic development interventions, an increased voice and capability to influence public policy decision making through active engagement with local authorities for quality, inclusive, and equitable service delivery, and civic-oversight. A consultative approach is generally adopted in such studies with the aim of developing a survey that is based on shared expectations followed by various consultative meetings with the local community memebers.

Best Practices 2023

Gurez, Bandipora

A field study tour to Gurez, duiring 2023 study was conducted in Gurez Tehsil of Bandipora from 11-09-2023 to 20-11-2023. One of the significant component of this practice was community outreach and to have a broder outlook of the rural development and various empowerment programmesin the area.Experiences on the ground were assessed and disseminated in order to highlight socio-economic setup and different geographic peremeteresin Khandyal, Markoot, Kanzalawan, Dawar, Gujran, Badugam, Baduab, Saradab and Niru in both Gurez and Tulail Valley.The prime focus was toestimate the change in the income, sources of income, asset ownership, incidence, depth and severity of poverty, and associated social characteristics of the poor households. The people's accessibility to use of basic social and public services, such as access to water and sanitation, education, health, etc. was also the focus of the 2023 study.To basic objective of such practices is to provide students with means enabling them to implement community-driven socio-economic development interventions, an increased voice and capability to influence public policy decision making.

Dawar: Interaction with Sericulture department officials about the scope of the sector in the region high altitude areas like Gurez

MarkootVillege: Accessing cropping pattern and the indigenous practices to make agriculture possible in view of limited crop growing season.

Kishanganga Hydro-Electric Project: First-hand experience about how hydro-power projects work

Tulail Valley: Interaction with local households about basic social and public services like water, sanitation, education, health etc.

Training Program On Advanced Surveying Using Remote Sensing, Total Station And Global Positioning System (GPS)

A week long skill enhancement training program on Advanced Surveying using Remote Sensing, Total Station and Global Positioning System (GPS) was organized by the Department of Geography and Disaster Management, School of Earth and Environmental Science University, Kashmir from 18th to 17th March.

The program was a brain child of the Department of Geography and Disaster Management which has planned to bridge the gap between industry requirements and academics. The main objective of this initiative was to provide skill based training to the polytechnic, engineering and Geography students to cope up to the construction and survey field requirements and become industry ready which makes them really feel employable. This program was to gain the importance of setting a set of ambitious but realistic goals for each of the participants, and working closely with them to realize these goals over the course of the workshop.

The course was designed by qualified personalities from the University and by leading professionals and expert faculties from various noted institutions and industries of the country. The ultimate goal was to educate the upcoming leaders in the industry, to equip them with the very latest knowledge and skills to lead and innovate within their organizations, improving the performance, efficiency and sustainability of different sectors.

Besides having 12 technical sessions one full session was taken by an expert from Jammu & Kashmir entrepreneurship development institute (JKEDI), wherein the expert gave a brief outline of start-up policy 2024, by providing the participants extensive knowledge as how to assess the funding for start-ups, venture capital funds, loan guarantee programmes, seed funding, patent related assistance and assistance for mentorship,

Skill Enhance Workshop on Advanced Land Surveying USING Remote Sensing, GPS and Total Station
Department of Geography and Disaster Management, University of Kashmir
PROGRAMME

	MORNING SESSION		BREAK	AFTERNOON SESSION	
	1030 – 1130	1130 – 1300	1300 – 1400	1400 – 1500	1500 – 1600
Day 1 18-03-24	**Inaugural**	Lecture Fundamentals of Remote Sensing **Prof. Pervez Ahmed**		Downloading satellite data, Image interpretation **Prof. Pervez Ahmed**	Image Classification **Dr. Mohd Wasim**
Day 2 19-03-24	Lecture Introduction to GIS **Dr. Javeed Ahmad**	Lecture Introduction to GIS **Dr. Javeed Ahmad**		GIS Mapping (point, line and polygon) **Dr. Hakim Farooq**	Overlay Analysis **Dr. Hakim Farooq**
Day 3 20-03-24	Lecture **Dr. Janani L.** Civil Engineering NIT Srinagar	Lecture **Dr. Janani L.** Civil Engineering NIT Srinagar		Setting-up a Total Station [Base Station Leveling, Centering, and Northing] **Dr. Mohd Wasim**	Data collection using Total Station **Dr. Zahoor Ul Islam**
Day 4 22-03-24	Group Exercise Global Positioning System (GPS) **Dr. Akhtar Alam**	Group Exercise Global Positioning System (GPS) **Dr. Atiqullah Malik**		Data Collection (Point, line and polygon) using GPS **Dr. Akhtar Alam**	Data Collection (Point, line and polygon) using GPS **Dr. Hakim Farooq**
Day 5 25-03-24	Group Exercises **Prof. Shamshad Ahmad** Civil Engineering, JMI, New Delhi	Group Exercises **Prof. Shamshad Ahmad** Civil Engineering, JMI, New Delhi		Basic measurements: Area calculation, Distance measurement, REM **Prof. Shamshad Ahmad** Civil Engineering, JMI, New Delhi	Basic measurements: Area calculation, Distance measurement, REM **Prof. Shamshad Ahmad** Civil Engineering, JMI, New Delhi
Day 6 26-03-24	Group Exercises **Prof. Shamshad Ahmad** Civil Engineering, JMI, New Delhi	Group Exercises **Prof. Shamshad Ahmad** Civil Engineering, JMI, New Delhi		Lecture **Mr Abdul Rauf** JKEDI	Lecture **Mr Abdul Rauf** JKEDI
Day 7 27-03-24	**Valedictory**			Participant Feedback	

Landslide awareness programme for the residents of Panditgam village of District Kishtwar

As part of the best practices an awareness programme was held for the residents of Panditgam village of District Kishtwar between 01.08.2019. The areas is highly prone to rainfall induced landslides, slope failure and road accidents owing to highly rugged terrain. The people living in the village are generally poor and thus disaster resilience is not priority for them. They were apprised of the proper construction practices on slopes. Different safety and risk reduction cum preparedness measures were discussed with them.

Field Photograph: Dr. Mohd. Shafi Bhat and Dr. Zahoor Ul Islam along with the 34d Semsetr students of M.A.?M.Sc. Programme Batch-2017 while interacting with the one namely Javed Ahmad of Panditgam, Kishtwar whose small house was hit by a huge boulder after rains in July 2019.

An awareness programme was conducted for the public transport drivers of Kishtwar, Doda and Badhrewah, J&K during the field visit on between 03.08.2019. The aim of the programme was to assess the perception of the drivers towards the causative factors for the accidents. The road safety measures were discussed with them and they were apprised of the importance of safe driving and regular vehicle maintenance particularly in the highly accident prone terrains of Chenab Valley.