



# DISASTER RECOVERY AND BUILD BACK BETTER

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**TYPE OF COURSE** : Rerun | Elective | PG/UG

**Course Duration** : 8 Weeks (21 Feb`22 - 15 Apr`22)

**EXAM DATE** : 24 April 2022

**PRE REQUISITES** : B.Arch/B.Plan 1st year completed

**INTENDED AUDIENCE** : B.Arch, Masters in disciplines of Architecture planning and Built Environment studies, PhD

**INDUSTRIES APPLICABLE TO** : National and International NGO's, Humanitarian agencies, Municipalities, Corporations, Village councils, Disaster Management Agencies, Research Organizations

**COURSE OUTLINE :**

The concept Build Back Better (BBB) proposes an integrated and holistic approach to post-disaster reconstruction and recovery in order to address the wide range of prevalent issues and ensure that the affected community is redeveloped in a resilient manner for the future. For a comprehensive understanding of the Build Back Better principles, it is valuable to analyze the complete list of propositions from all prominent studies and guidelines which depict effective post-disaster reconstruction and recovery. It is important to identify key areas of present research on and potential research gaps or future research needs for BBB.

**ABOUT INSTRUCTOR :**

Prof. Ram Sateesh Pasupuleti is a registered architect in Sweden and India. He has attained his educational qualifications from most prestigious institutions- Doctorate from SABE University of Westminster, London, UK, M.A. in International Studies in Vernacular Architecture, Oxford Brookes University, Oxford UK, and a Bachelor of Architecture from Jawaharlal Nehru Technological University, Hyderabad, India. He has gained interesting working experiences from UK, Cyprus, Sweden and India. Such experiences across different working environments and geographies have endorsed his professional skills in trans-national education and research challenges and activities. His original quest of knowledge has contributed for designing culturally responsive environments in post disaster recovery in South Asian context. His research contributions have opened up interdisciplinary and trans-disciplinary research ideas involving vernacular architecture, urban design, sociology and cultural anthropology

Prof. Subhojyoti Samaddar; Associate professor, Disaster Prevention Research institute, Kyoto university, Japan. His research interests are household preparedness behavior, disaster risk communication, risk governance and implementation science. He has an interdisciplinary academic background including PhD in disaster management from Kyoto University, Japan and Master of Planning from School of Planning and Architecture (SPA), New Delhi. He has been involved in different international research projects funded by JICA and JST on disaster risk management and climate change adaptation. Dr. Samaddar has conducted in-depth field studies in different countries including India, Bangladesh, Japan, and Ghana under different disaster risk contexts. He is the recipient of international award Hazards 2000 in 2016.

**COURSE PLAN :**

**Week 1** : Introduction: Understanding Risk and Vulnerability; The road map of BBB.

**Week 2** : Vulnerability mapping and culture at risk.

**Week 3** : The organizational set up and the role of built environment professions in DRR.

**Week 4** : Disaster risk reduction and pre-disaster planning.

**Week 5** : Relief recovery and transition.

**Week 6** : Post disaster reconstruction.

**Week 7** : Evaluating post reconstruction development.

**Week 8** : Communication and participation for people centered development.