

			<ol style="list-style-type: none"> 2. Social Sciences and Anthropology of Disasters; Vulnerable communities in fragile environmental and ecological regions; Geography, Environment and Disasters; Geospatial Mapping and human security. Role of NGOs, INGOs in disaster management and role of humanitarian agencies and humanitarian aid. Man-made disasters- war and conflict. 3. Disaster Economics, Planning and Preparing against economic losses, Role of Macro and Micro level economic institutions. 4. Database, Artificial Intelligence and Early Warning Systems in the management of rescue and relief operations. 5. Public Health and Disasters, Health Emergencies and Disasters, Pandemics and Public Health Response, Occupational Health and Safety, Environmental Health issues.
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19. Special Centre for National Security Studies (SCNSS)

The pattern of JNUEE 2022-23 will be based on Multiple Choice Questions (MCQs) through Computer Based Test (CBT)

Ph.D.

Sl. No.	Name of Centre	Sub. Code & Sub. Code (Number)	Syllabus for Entrance Examination
1	Special Centre for National Security Studies (SCNSS)	National Security Studies – NSSH (916)	<ol style="list-style-type: none"> 1. Domestic/Internal Security Studies of India <ol style="list-style-type: none"> a. Insurgencies in the North East b. Left Wing Extremism c. Terrorism in Heartland d. Coastal Security 2. External Security Studies of India <ol style="list-style-type: none"> a. India-Pakistan-China Military Balance b. International Terrorism c. Maritime Security d. Geopolitics & Geoeconomics and National Security e. Nuclear doctrine, regime & security 3. Indian Strategic Thoughts and Military History of India <ol style="list-style-type: none"> a. Kautilya's Arthashastra b. The Kural c. Kamandaka's Nitishastra d. Panchtantra and Hitopdesa e. India-Pakistan War of 1965, 1971, 1999 f. India-China Border War of 1962 4. Emerging Technology and National Security <ol style="list-style-type: none"> a. Science and Technology and National Security b. Science Diplomacy c. Biological Warfare, Chemical Warfare, Cyber warfare d. Artificial Intelligence, Genetic Engineering, Quantum Computing, Nanotechnology, Unmanned Aerial Vehicles 5. Studies of External Border of India <ol style="list-style-type: none"> a. Frontiers & Boundaries b. Border disputes c. India-Pakistan border d. India-Bangladesh border e. India-China border f. India-Myanmar border g. India-Nepal border h. Maritime border

			<ol style="list-style-type: none"> 6. Non-traditional Security Studies of India <ol style="list-style-type: none"> a. United Nation and Human Security b. Contemporary Non-Traditional Security Discourses c. Environmental Security (Health, Food and Water Security) d. Terrorism and Transnational Crime e. Migration and Demography 7. Research Methodology for National Security Studies of India <ol style="list-style-type: none"> a. Research Methods, Types and formulation of Research Design b. Hypotheses: Functions, Characteristics and Types; Formulation of Research Problem; Review of Literature; Concepts and Variables. c. Sampling: Types of sampling; Data Collection-Primary and Secondary sources; tools of data collection d. Introduction to Basic Statistics e. Research ethics and plagiarism 8. Remote sensing and GIS
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