

**Scientists desirous of taking AcSIR students in August 2020 Batch must provide details in the following format by email on [vivek.neeri@acsir.res.in](mailto:vivek.neeri@acsir.res.in)**

**List of Ph. D. Topics**

<b>Title of Ph. D. Topic</b>	<b>Name and Division</b>	<b>Broad theme (As per institute's thrust area)</b>	<b>Email Address of Faculty</b>	<b>Brief description of the project</b>	<b>Any prerequisite</b>

## Example/Sample Form

Title of Ph. D. Topic	Name and Division	Broad theme (As per institute's thrust area)	Email Addresses of Supervisors'	Brief description of the project	Any prerequisite
Reliability, Resilience and Vulnerability (RRV) Assessment of Urban Water Supply Infrastructures in India	Dr ABC XYZ Division CSIR-NEERI-HQrs	Climate Change	<a href="mailto:pqr@neeri.res.in">pqr@neeri.res.in</a>	Urban water supply infrastructures are critical for sustaining cities. Due to rapid urbanization and growing industrial activities in adjoining areas there is rise in tremendous demand for water. Along with the demand, the reliability of the water provisioning is becoming essential. Additional stress on water infrastructure is going to be exerted due to climate change. This makes it essential to build resilience in the water systems. Also, knowledge of vulnerability associated with water supply will help in develop of mitigation plans specific to local conditions. To develop and prioritise the strategies for increasing Reliability and Resilience there is need for applying appropriate metric of assessment. This work focuses on developing an integrated framework for assessment of Reliability, Resilience and Vulnerability (RRV) of Urban Water Supply Infrastructures in India. Specifically, in the context of prevailing intermittent water supply in India there is a need to evaluate existing frameworks for assessing RRV and adapt to the Indian conditions.	Knowledge of Hydraulics and good computational and statistical skills