National Institute Of Technology,Hamirpur(H.P)

Innovative Research Incubation Club

Innovative Research Project Proposal Format

Research Project Tittle**- “DYNAMIC RESPONSE OF STEEL RAILWAY TRUSS- GIRDER DUE TO TRAIN(HIGH SPEED) VEHICLES”**

Project Description-

Static and dynamic response of Railway Truss- Girder Bridge due to high speed train vehicle by FINITE ELEMENT METHOD.

Project Completion Time-

Long term (more than one year)

Student Skills Required, Pre-requisite (if any):

Dynamics of Structures- Bridge Engineering- Specification of Railway Bridge Codes (BIS) – Any of Finite Element Soft wares. E.g- Ansys, Abacus, SAP2000

Number of Students Required (UG/PG) for the Project- 3-UG, 1-PG

Name of Faculty Member: Dr. K. NALLASIVAM

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Any Other Details - ----