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Project Report for NIT Conclave 2019 Hackathon in NIT Rourkela

ScholarHub

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PROJECT NAME

ScholarHub- Research and Collaboration Portal for NIT's across India

TITLE

Communication between research scholars in NIT's across India.

TRACK

Inter- NIT Communication

TECH STACK

- Ruby On Rails
- JQuery
- Web Development (HTML,CSS,JS)

PROBLEM STATEMENT

Despite the Government's stress for R&D across various sectors within India, we felt that the researchers lacked a platform to enlighten themselves, to interact with their fellow researchers, and to look for grants issued by Governments and Universities.

- We also realised the future lies in interdisciplinary knowledge: knowledge in multiple fields at the same time. There exists no central collection of research papers written by NIT researchers, which we felt was a requirement in this age.
- Researchers, when in need fellow researchers with a particular skillset, have to resort to Whatsapp messages to find someone. Rarely do these messages ever reach another NIT, which is sad because researchers from different NIT's can also collaborate among each other.

- Researchers have to go through every government and college website to find if they are providing any funding/grants.
- There is no official central collection of all the events happening for research students of NIT's.

OUR SOLUTION

The idea behind ScholarHub is to promote and support research culture within NIT's by making funding, human resource development and the provision of the necessary research facilities at one central place.

- No longer would you need to go to another NIT's research portal to find a paper: you can find it on ScholarHub.
- ScholarHub also provides a list of fellow researchers who are in need of partners. If you are interested, you can view his/her detailed profile and send instant messages as well.
- You also would not need to browse other NIT's websites to find if any event is happening there which you are interested in. Check out ScholarHub.
- You get a complete list of grants that NIT colleges and the Government offers.