

R&D PROJECTS

ONGOING

7. NYAYA: A Legal Assistance System for Legal Experts and the Common Man in India

Duration: June 2019 – May 2022 (3 years)

Role: Co-PI (PI: Dr. Arnab Bhattacharyya, IIT Kanpur)

Funding agency: Science & Engineering Research Board (SERB), DST, Government of India

Funding amount: 44.73 Lakhs INR [shared between IITKGP (19.33 Lakhs INR) and IIT Kanpur]

6. Generating Actionable and Reliable Summaries from Social Media in a Post-disaster Scenario

Duration: March 2019 – March 2021 (2 years)

Role: Co-PI (PIs: Professor Niloy Ganguly, IIT Kharagpur and Professor Prasenjit Mitra, Pennsylvania State University)

Funding agency: MHRD, Government of India (under SPARC scheme)

Funding amount: 49.52 Lakhs INR

5. Building Healthcare Informatics Systems Utilising Web Data

Duration: April 2018 – March 2021 (3 years)

Role: PI (jointly with Dr. Arnab Jana, C-USE, IIT Bombay)

Funding agency: DST, Government of India (under ICPS-EDA scheme)

Funding amount: 43.54 Lakhs INR [shared between IITKGP (20.76 Lakhs INR) and IIT Bombay]

4. Building Information Systems for Emergency Relief and Preparedness

Duration: April 2018 – March 2021 (3 years)

Role: PI

Funding agency: SRIC, IIT Kharagpur (under ISIRD scheme for young faculties)

Funding amount: 27.40 Lakhs INR

COMPLETED

3. Utilising Online Social Media for Understanding and Countering Disease Outbreak

Duration: July 2017 – June 2019

Role: PI (jointly with Professor Niloy Ganguly, Department of CSE, IIT Kharagpur)

Funding agency: Accenture Corporation

Funding amount: 16.07 Lakhs INR (25,000 USD)

2. Utilising Social Media for Disaster Relief: Linguistic Analysis and Matching of Resource Requests and Offers on Twitter

Duration: June 2017 – May 2019

Role: PI

Funding agency: Microsoft Research India

Funding amount: 7.01 Lakhs INR

1. Post-Disaster Situation Analysis and Resource Management Using Delay-Tolerant Peer-to-Peer Wireless Networks

Duration: September 2013 – December 2018

Role: Co-PI (from IEST Shibpur) (PI: Professor Sipra DasBit, Department of CST, IEST Shibpur)

Funding agency: ITRA, Media Labs Asia and DEITY, Government of India

Funding amount: 58.66 Lakhs INR (for IEST Shibpur)