

Strategic planning for water resources and implementation of novel biotechnical treatment solutions and good practices (SPRING).

International India-EU Joint collaborative Research Project

The delegation of European Union to India, DST and DBT has jointly selected and funded Seven Research & Innovative projects out of 123 proposals, namely **SPRING**, India – H2O, LOTUS, PANI WATER, PAVITR, PAVITRA GANGA, and SARASWATI2.0.

DYPSOE is the only private institute in India along with Three IIT's, Two Autonomous and one NGO as an Indian Partners and five international universities from Norway, Hungary, Finland & Portugal, who has been chosen as an International partner for the said major multidisciplinary project worth of Rs. Six Crores Eleven Lakhs in total for Indian partners. DYPSOE has received a grant of Rs.81.90 lakhs over a period of three years.

DYPSOE is the affiliated to Pune of University has got an opportunity to work on major joint India-Europe International collaborative project for the development of an Autonomous Unmanned Robot for water quality monitoring & control of pollution using pipe blockage removal systems.

SPRING presents an integrated water resource management for reliable water supply for all needs that involve developing innovative simple to operate bio oxidation systems for treatment of polluted water bodies, cost effective real time monitoring tools and by implementing good practices in water planning for treatment, supply and usage.

Dr. Sanjukta Patra, IIT Guwahati is the Project Coordinator (India) & Dr. Rajnish Kaur Calay, University of Tromse (Norway) as the European Counterpart for a period of three years.

Principal Investigator: Dr. Saniya Ansari, Associate Professor, E & TC Department, Pune

Co-Principal Investigator: Dr. S.M. Khairnar, HoD(FE Dept.), Pune

Funded By: Ministry of Science and Technology, Government of India & European Commission.

The total research Project cost: 6 Crore & 11 Lakh

Funds allocated to DYPSOE: 81.90 Lakhs

Duration Of Project: Three years from 2020-2023.

Project Collaborative Partners:

The SPRING project has 14 partners, 6 based in Europe and 8 based in India. The partners are:

European Partners:

- University of Tromso (UiT), Norway
- University of PECS (UP), Hungary
- Northern Research Institute, Norway
- INESC TEC, Portugal
- ENVIROINVEST, Hungary
- SINTEF Narvik
- Finnish Water Forum (FWF), Finland

Indian Partners:

- Indian Institute of Technology Guwahati (IITG)
- Indian Institute of Technology, Kharagpur (IITK)
- Indian Institute of Technology BHU (IIT BHU)
- SRK Engineering College, Bhimavaram, Andhra Pradesh, India.
- Dr.D.Y.Patil School of Engineering, Lohegaon, Pune
- Elixir Ecobiotech, SME, Bhimavaram, Andhra Pradesh, India.
- Palavi Trsut, NGO, Pune, Maharashtra

