



Support Scientific Research to Accelerate Digital and Platform based Business Transformation



Partner: [International Institute of Information Technology, Bangalore](#)

The International Institute of Information Technology, a Deemed University, popularly known as IIITB was established in 1999 with its unique model of education, research, and industry interaction, has grown in stature to become an institution of considerable repute in academic as well as corporate circles. The Institute works in partnership with the corporate sector, while retaining the freedom of an academic institution. It is inspired by other renowned institutions, and also strives to emulate an academic culture that is on par with the best international institutions.

About the Program: Sonata funds research and funding entrepreneurs in technology ventures through educational institutions such as IISc Bangalore & NIT Trichy. With the IIIT-B partnership, another premier academia -industry relevant program has been brought to bear on its commitment to accelerate the impact of technology on society.

The 3-year project, funded to the tune of Rs. 1.05 Crores, will focus on research fellowships, evangelization of technology for digital transformation through workshops/structured courses, framework & course content creation, talks, training sessions, meetups for larger technical community and knowledge dissemination through invited talks by IIIT-B Professors and Researchers at the Sonata Campus and interaction with Sonata executives in their campus.

Prof. Sadagopan, Director, IIITB and Mr. Srikar Reddy, CEO and MD, Sonata Software signed and exchanged MoUs on the 18th of April 2018.

Expected Outcome:

Sonata believes in nurturing relationships with leading academic institutions as part of its Corporate Social Responsibility initiative. This initiative with IIIT-B should help unlock the potential for platform based digital transformation in other organizations that Sonata has been propagating. We also hope that the larger society will benefit from the research that IIIT-B will do under the scope of the Research programs.

The First Research Program has been identified and relates to Data Security in Platforms

Abstract of the Research Project:

The sharing platforms such as Uber, Airbnb, Expedia etc., have radically altered the landscape of the transport, travel and leisure economy. This necessitates collection of users' and service providers' personal information and the usage statistics. Recent reports and studies on privacy issues arising in the use of sharing platforms point out glaring instances of misuse of personal information. The objective of this research project is to investigate and broaden the applicability of encryption technology to address privacy issues in the sharing platforms. In particular, we want to investigate the use of Homomorphic Encryption technology in the context of enhancing privacy in taxi service applications. The societal impact of this project is to improve the privacy of individuals in the above context.

To know more about the Researcher please click [here](#)

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