Professor Suman Chakraborty
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Dated: May 01, 2026

Dr. Suman Chakraborty, Director

Institute Chair Professor & J. C. Bose National Fellow

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I-STEM Software Request - Guide Approval Form

User Details

- **Name of Researcher**: **BIPLAB KUMAR PAL**
- **User Type**: [√] **Ph.D. Scholar** ~~[ ] Postdoctoral Researcher [ ] Bachelor's [ ] Masters~~
- **Institution Name : INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR**
- **Institutional Contact No**: **03222 255221, 255303**
- **Research Topic**: **MICROFLUIDICS**

Software Request Details

- **Software Name**: **COMSOL Multiphysics, ANSYS-Fluent, Open Foam, MATLAB**
- **Justification for Software Request**: **The PhD scholar is perusing coursework for area of research in Microfluidics for which simulation through software like COMSOL Multiphysics, ANSYS-Fluent, Open Foam, MATLAB are very much essential for his regular research work.**

Guide/Supervisor Approval

I, **Prof. Dr. Suman Chakraborty** (Guide/Supervisor Name),

- Confirm that the above-mentioned researcher is affiliated with our institution
- Have reviewed the software request and its relevance to the researcher's academic work
- Approve the software request for research purposes

Approval Confirmation

- I approve the software request
- The software aligns with the researcher's research objectives
- The request meets the institutional research guidelines

Guide/Supervisor Signature: Suman Chakraborty

Date: May 01, 2026