

PhD in Project Mode – December 2023

Sl. No.	01
Dept.	Nanotechnology
Project Code	PM_NT_AA
Joint Supervisors	PI: Dr. Akshai Kumar Alape Seetharam (Chemistry) Co-PI: NIL
Title of the Project	Catalytic Process for the Transformation of Ethanol to Specialty Chemicals
Project Summary	Funding Agency: ChemDist Group of Companies Total Project Duration: 05 Years Number of Months Left: 60 Number of Students Required: 01 Assistantship per Month: Rs. 35,000/- Number of Months of Assistantship: 60 HRA Amount, if applicable: NIL Any other Allowances: Rs. 1,250/- (Medical allowance)
Sl. No.	02
Dept.	Energy
Project Code	PM_EN_CK
Joint Supervisors	PI: Dr. Prakash Kotecha (CL) Co-PI: Dr. R. Anandalakshmi (CL)
Title of the Project	Super hygroscopic hydrogel based moisture pump for continuous indoor air dehumidification and water harvesting applications
Project Summary	Funding Agency: IIT Madras Total Project Duration: 3 years (extendable) Number of Months Left: 48 Number of Students Required: 01 Assistantship per Month: First two years Rs. 31,000/- (consolidated); Rs. 35,000/- (consolidated) from third year onwards Number of Months of Assistantship: 36 HRA Amount, if applicable: NIL Any other Allowances: NIL

Sl. No.	03
Dept.	Chemical Engineering
Project Code	PM_CL_SS
Joint Supervisors	PI: Dr. Senthilmurugan Subbiah (CL) Co-PI: Dr. K. Mohanty (CL)
Title of the Project	Design and Development of a Demonstration Plant for production of Marketable Grade Green Activated Carbon from Bamboo Dust
Project Summary	Funding Agency: Numaligarh Refinery Limited Total Project Duration: 3 Years 6 months Number of Months Left: 42 Number of Students Required: 03 Assistantship per Month: Rs. 35,000/- Number of Months of Assistantship: 42 HRA Amount, if applicable: 18% Any other Allowances: Rs. 1,250/- (Medical allowance)
Sl. No.	04
Dept.	Electronics and Electrical Engineering
Project Code	PM_EE_GT_AS
Joint Supervisors	PI: Dr. Gaurav Trivedi (EEE) Co-PI: Dr. Aryabartta Sahu (CSE)
Title of the Project	Intel FAME Labs
Project Summary	Funding Agency: Intel Technologies India Pvt. Ltd. Total Project Duration: 4 years Number of Months Left: 39 (extendable) Number of Students Required: 01 Assistantship per Month: Rs. 40,000/- for the first two years and Rs. 45,000/- for the remaining two years Number of Months of Assistantship: 48 HRA Amount, if applicable: 18% Any other Allowances: Rs. 1,250/- (Medical allowance)

Sl. No.	05
Dept.	Electronics and Electrical Engineering
Project Code	PM_EE_AB
Joint Supervisors	PI: Dr. Ankush Bag (EEE) Co-PI: NIL
Title of the Project	Integration of group-III oxide and III-nitride based wide bandgap semiconductors for next-generation electronics applications
Project Summary	Funding Agency: Indian National Academy of Engineering (INAE) Total Project Duration: 3 years Number of Months Left: 32 (extendable) Number of Students Required: 01 Assistantship per Month: Rs. 37,000/- for the first two years and Rs. 45,000/- for the remaining two years Number of Months of Assistantship: 36 HRA Amount, if applicable: 18% Any other Allowances: NIL

Sl. No.	06
Dept.	Civil Engineering
Project Code	PM_CE_RB
Joint Supervisors	PI: Dr. Rajib Kumar Bhattacharjya (CE) Co-PI: NIL
Title of the Project	A real time 2D flood inundation forecasting system for the Brahmaputra River basin using Hydrologic- Hydro dynamic and statistical dynamical approaches
Project Summary	Funding Agency: Indian Institute of Tropical Meteorology, Pune Total Project Duration: 3 years Number of Months Left: 35 Number of Students Required: 01 Assistantship per Month: Rs. 37,000/- for candidates with GATE / Rs. 31,000/- for candidate without GATE (to be revised as per rule) Number of Months of Assistantship: 36 HRA Amount, if applicable: 18% Any other Allowances: NIL

Last Updated: 13/10/2023