

Name: PRATAP KARMAKAR

Gender: Male

Date of Birth: 21- 11 – 1980

Designation & Affiliation: Technical Assistant, CSIR-Central Mechanical Engineering Research Institute, Durgapur

Postal Address: Electronics and Instrumentation Lab, CSIR-Central Mechanical Engineering Research Institute, Durgapur – 713209

Phone Numbers: 9432883100

E-mail ID: p_karmakar@cmeri.res.in, pratap.karmakar@gmail.com

Qualifications (starting from University Level)

Sl No	Degree	University	Year
1	B-Tech in Electronics and Tele-Communication	J.R.N Rajasthan Vidyapeeth University	2013

Employment Experience

Sl. No	Position and Organisation	Nature of Job	Period
1	Technical Assistant, CSIR-CMERI	Research & Development	2009- to till date

List of publication:

Anubhuti Saha, 2R. P. Chatterjee, 3**Pratap Karmakar**

"Adaptive Control Mechanism for Snake with Intelligent Distributed Controller (SiD) "International Journal of Engineering Science and Innovative Technology (IJESIT) Volume 2, Issue 2, March 2013

B. S. Somesh, A. Mukherjee, S. Sen, **P. Karmakar**, "Constant current control of stepper motor in microstepping mode using PIC16F877A", IEEE 2nd International Conference on Devices, Circuits and Systems (ICDCS) 2014, 6-8 March 2014

Dr.Arпита Mukherjee, **Pratap Karmakar**, Saikat kumar Shome, Siddheswar Sen, Uma Datta , "Precision Positioning System for Long Travel Range and Submicron Resolution", 2nd International Conference on Control Instrumentation Energy and Communication, 2016,

Technology Transferred:

Technology transferred to M/ S Safe Instrument, Ludhiana, Mohali, Punjab, Project "Design of a RADAR-based Proximity Warning Device for Haul Trucks used in Open-cast Mines" no-SSP-096712 on 29/06/2012

Sponsored Research Projects:

SI No	Title	Sponsoring Agency and Officer Concerned	Period	Amount	Achievements
1	High Speed Inter-point Braille Embosser	Department of Information Technology, Govt. of India	2009- 2011	68 lakhs	Completed
2	Design and Development of Serpentine Robot	CSIR, Govt. of India.	2010-2011	90.0 lakhs	Completed
3	Design of a RADAR-based Proximity Warning Device for Haul Trucks used in Open-cast Mines" no-SSP-096712	M/ S Safe Instrument, Ludhiana, Punjab	2011- 2012	2.13 lakhs	Completed

4	Capability Building for Design and Development of Ultra Wide Band (UWB) Microwave Sensor for Hidden Object Detection	CSIR, Govt. of India	2011-2014	Rs 19.86 Lakhs	Completed
5	Multi-axis motion drives and control systems for micro machines	CSIR, Govt. of India.	2013-2017	98.0 lakhs	Continuing