

Dr. P.S.Das

Qualification: Highest qualification is Ph.D from IIT (ISM), Dhanbad

Teaching interest: Interested area in teaching i) Control System ii) Microprocessor

Teaching & Industrial Experience: 12 years teaching experience and 1 year industrial experience.

Research Interest: Sensor & Transducer, Control system

Administrative responsibility: Mentorship

Project: Disaster management

Research & Publication:

i) Journal-08

1) Rescue and protection systems for underground mines workers based on Zig Bee. International Journal of Advanced Computer Engineering and Architecture ISSN 2248- Cited by 89452 .Vol2.No.2 (June-December 2012).

2) Low power low cost environment monitoring and control through ZigBee in underground Mines Journal of Mines, Metals & Fuels ISSN 0022 2755 July-August 2013

3) A NOVEL APPROACH FOR DISASTER PREVENTION INSIDE UNDERGROUND MINES
Journal of Mines, Metals & Fuels ISSN 0022 2755, Mentca 2015, 16

4) ENVIRONMENT MONITORING OF AN ENCLOSED PLACE LIKE UNDERGROUND MINES
WITH ANSYS SOFTWARE AND SENSORS BASED TECHNOLOGY
Current World Environment ISSN: 0973-4929, Online ISSN: 2320-80315) A simple Wireless Real-time Environment Monitoring system for Safety of Underground Miners
Disaster advances E-ISSN 2278-4543

6) Wireless Communication & Environment Monitoring in Underground Coal Mines– Review
IETE Technical Review ISSN 0256-4602

7) Challenges inside underground mines and their prevention techniques Disaster Advances
Vol. 8 (9) September (2015)

8) DESIGN OF A DISASTER MANAGEMENT SYSTEM FOR INDUSTRIAL ZONE LIKE UNDERGROUND MINES. DISCOVERY JOURNAL OCT 15.

ii) Conference-07

1) Intelligent Online Measurement and Management of Energy Meter
Data through Advanced Wireless Network
At International Conference On Devices and Communications, at BIT, Mesra, 24th-25th FEB, 2011 Cited by 6

2) A novel three phase Energymeter Model with wireless Data Reading and online Billing Solution
2011 IEEE Symposium on Computerrrs and Informatics, atKulla Lumpur ,Malaysia,20-22th March, 2011.

3) A Wireless Surveillance and Safety System for Mine Workers Based on Zigbee This Paper (three authors) published inProceeding of Recent Advances in Information Technology 2012, Indian School of Mines, Dhanbad.15th-17th March2012.

4) Design of Surveillance and Safety System for Underground Coal Mines Based on Low Power WSN IEEE International Conference on Signal Propagation and Computer Technology (ICSPCT 2014) Technically Sponsored by IEEE Delhi Section july 12,13 2014

5) Development of Wireless Real-time Environment Monitoring Network for Underground Mines
International Conference on Communication and Computing ICCS – 2014 20th -22th August 2014, Bangalore

6) DESIGN OF A DISASTER MANAGEMENT SYSTEM FOR INDUSTRIAL ZONE LIKE UNDERGROUND MINES. INTERNATIONAL CONFERENCE CCEEDS Mar 2015, AP.
(Two authors)

7) A NOVEL APPROACH FOR DISASTER PREVENTION INSIDE UNDERGROUND MINES
AT 2nd NATIONAL CONFERENCE ON MINING EQUIPMENT: NEW TECHNOLOGIES, CHALLENGES AND APPLICATIONS (MENTCA-2015) 9th – 10th October, 2015, ISM, DHANBAD

iii) Seminar-1

1) A New Mines Data Acquisition and Safety System Based on Zigbee Wireless Sensor Network
This Paper (Three authors) published in
Proceeding of National Seminar on Mining Equipment: New Technologies, Challenges, & Applications Organised by Department of Mechanical Engineering & Mining Machinery Engineering of Indian School of Mines, Dhanbad. 19-21 January, 2012. at ISM, Dhanbad.

1) Intelligent Online Measurement and Management of Energy Meter

Data Through Advanced Wireless Network

At International Conference On Devices and Communications, at BIT,Mesra,24th-25th FEB,2011

2) A novel three phase Energy meter Model with wireless Data Reading and online Billing Solution

2011 IEEE Symposium on Computers and Informatics, atKullaLumpur ,Malaysia,20-22th March,2011.

Member of several international and national engineering/scientific institutions/organizations.

Editorial board member of one publisher (2017-2020).

Reviewer of several international/national journal of repute.