

## FACULTY PROFILE



**Name** : Arindam Kumar Sil

**Date of Birth** : 06.01.1974

**Educational Qualification** : M. E. (POWER ENGG).  
B. E. (Electrical and Electronics)

**Professional Experience** :

Teaching : 5 years and Six months.

Research :

Industry :

Others : Armed forces. Trainee Officer- 3 months.

**Area of Specialization** :

M. E. Level : Optimum Power Flow using Evolutionary  
Programming Technique.

Industry : SF6 CB at Kirloskar Systems Limited.

**Subject Teaching at** :

Under Graduate Level: Basic Electronics, Analog Electronic Circuit,  
Digital Electronic and Logic Design, Sensors and  
Transducer, Industrial Instrumentation, Advanced Sensor,  
Electrical Drives, Etc

Post Graduate Level :

**Research Interest** : Power Electronics

**Project carried out** : Projects carried out on automation of weigh  
Bridge for M. M. Instrumentation Asansol,

Automatic alarm Chain pulls system for  
Railway Electric locomotives,

Leakage detection in vacuum based air brake system  
for electric locomotives for Eastern railway,  
Asansol Division at Asansol.

**Patents** :

**Technology Transfer** :

**Research Publication** :

**No. of Books Published** :  
(With Details)



**Name** : Asok Kumar

**Date of Birth** : 08/05/1972

**Educational Qualification** : M.Tech. Ph.D. ( Thesis submitted )

**Professional Experience** :

Teaching : 9 yrs

Research : 6 yrs ( Part time)

Industry :

Others : 7 yrs working as a departmental Head.

**Area of Specialization** :

M.. E. Level : communication

Industry :

**Subject Teaching at** :

Under Graduate Level: communication , Computer Networking, Basic Electronics

Post Graduate Level : NA

**Research Interest** : Data communication security.

**Project Carried out** : in under graduate level as a part of curriculum.

**Patents** :

**Technology Transfer** :

**Research Publication** : 13 ( journal & Conference paper, National & International level)

**No. of Books Published** :  
(With Details)

## FACULTY PROFILE

**Name** : Amit Kumar Rai  
**Date of Birth** : 10.12.82



**Educational Qualification** : B. Tech  
( Electronics & communication Engineering)

**Professional Experience** :  
Teaching : 2 years  
Research :

Industry :

Others :

**Area of Specialization** :

M.. E. Level :

Industry :

**Subject Teaching at** :

Under Graduate Level: Digital Electronics & Microprocessor, Basic Electronics  
Post Graduate Level :

**Research Interest** : Digital Electronics&Microprocessors

**Project Carried out** :

**Patents** :

**Technology Transfer** :

**Research Publication** :

**No. of Books Published** :  
**(With Details)**

## FACULTY PROFILE

**Name** : ANUVA GANGULY

**Date of Birth** : 28/12/1979



**Educational Qualification** : B.E. in Electronics  
& Telecommunication Engineering.

**Professional Experience** :

Teaching : 1 and 1/2 year.

Research :

Industry : 1 and 1/2 year.

Others :

**Area of Specialization** :

M. E. Level :

Industry :

**Subject Teaching at** :

Under Graduate Level: Digital Electronics, Analog Electronics, Basic Electronics

Post Graduate Level :

**Research Interest** :Fiber optics Communication

**Project Carried out** :

**Patents** :

**Technology Transfer** :

**Research Publication** :2 No

**No. of Books Published** :  
(With Details)

## FACULTY PROFILE



**Name** :Mrs. Ashmi Chakraborty (Das)

**Date of Birth** :16.12.1980

**Educational Qualification** :B.E(ECE)

**Professional Experience** :

Teaching :Nil

Research :2 Years 2Months

Industry :Nil

Others :

**Area of Specialization** :

M.. E. Level :NA

Industry :

**Subject Teaching at** :

Under Graduate Level: Digital Electronics

Post Graduate Level :

**Research Interest** :Electromagnetics, Communication,Digital Electronics

**Project Carried out** :1.Design and Development of waveguide slotted array antenna at Ku and Ka band sponsored by RCI,Hyderabad.

2. Studies of a matched filter design on trans-receive characteristics for a monopole antenna.

3.Physibility study of anti-jam GPS receiver & GPS guided Weapons.

**Patents** :Nil

**Technology Transfer** :nil

**Research Publication** :Journal 5 Conference 3

**No. of Books Published** :Nil  
(With Details)

## FACULTY PROFILE



**Name** : **Bikash Chandra Sahana**

**Date of Birth** : **02.01.1979**

**Educational Qualification** :  
**M.E (Electronics & Communication Engg)**  
**B.E (Electronics & Communication Engg)**

**Professional Experience** :

Teaching : **3 Years**

Research : **NIL**

Industry : **NIL**

Others : **NIL**

**Area of Specialization** :

M... E. Level : **Instrumentation & Control**

Industry : **NA**

**Subject Teaching at** :

Under Graduate Level: **Digital Signal Processing. Microprocessor.**

Post Graduate Level : **NA**

**Research Interest** : **Digital Signal Processing. Pattern Recognition**

**Project carried out** : **Pattern recognition using Neural network in coin recognition Problem domain**

**Patents** : **NIL**

**Technology Transfer** : **NIL**

**Research Publication** : **International Journal: 2**  
**International Conference: 2**  
**National Conference: 10**

:

**No. of Books Published** : **NIL**  
**(With Details)**

## FACULTY PROFILE

**Name** :INTEKHAB HUSSAIN.  
**Date of Birth** :28.09.1976



**Educational Qualification** :M.Tech. in E & CE (Microwaves.)

**Professional Experience** :

Teaching :2 Years (Approx.)

Research :NIL

Industry :NIL

Others :NIL

**Area of Specialization** :

M.. Tech. Level :Microwave Engg.

Industry :

**Subject Teaching at** :

Under Graduate Level: Analog Communication,  
Principle of Communication Engg.  
Digital Signal Processing

Post Graduate Level : NA

**Research Interest** :Field Emitter Array, Microwave Tubes.

**Project Carried out** :M.Tech.- “Study of Field Emitter Array & Thermal and Structural Analysis of Ku-Band 140 watt Space TWT Electron Gun.”

**Patents** :NIL

**Technology Transfer** :NIL

**Research Publication** : 1.

**No. of Books Published (With Details)** :NIL

## FACULTY PROFILE

**Name** :JAYANTA GHOSH  
**Date of Birth** :08.03.1977  
**Educational Qualification** :M.E.  
(Electronics & Communication Engg.)

**Professional Experience** :

Teaching :2 Year

Research :NIL

Industry :NIL

Others :NIL



**Area of Specialization** :

M. E. Level :Microwave Engg.

Industry :

**Subject Teaching at** :

Under Graduate Level: VLSI Design, Electromagnetic Waves & Radiating  
Systems, Principle of Communication Engg.

Post Graduate Level : NA

**Research Interest** :Microstrip Antenna Design & VLSI Design

**Project Carried out** :M.E.- Design of Circularly Polarized Aperture  
Coupled Microstrip Antenna Design Using Numerical  
Techniques

**Patents** :NIL

**Technology Transfer** :NIL

**Research Publication** :4

**No. of Books Published  
(With Details)** :NIL

## FACULTY PROFILE



**Name** :KAUSHIK SARKAR

**Date of Birth** :04.12.1975

**Educational Qualification** :M.Tech. in Radiophysics and Electronics

**Professional Experience** :

Teaching :2 Years (Approx.)

Research :NIL

Industry :NIL

Others :NIL

**Area of Specialization** :

M.. Tech. Level :Radiophysics & Electronics.

Industry : NIL

**Subject Teaching at** :

Under Graduate Level: Digital Communication Systems,  
Microprocessor & Microcontroller.  
Optical Fibre Communication

Post Graduate Level : NA

**Research Interest** :Network Security, Image Processing & Pattern Recognition

**Project Carried out** :M.Tech.- “Proposed OCR Systems for Printed Bangla Script”

**Patents** :NIL

**Technology Transfer** :NIL

**Research Publication** : NIL.

**No. of Books Published  
(With Details)** :NIL

## FACULTY PROFILE

**Name** : **Khushi Banerjee**

**Date of Birth** : **18.11.1980**

**Educational Qualification** : **BE(ECE)**

**Professional Experience** :

Teaching : 2 Years

Research :

Industry :

Others :

**Area of Specialization** :

M.. E. Level : Electronics

Industry :

**Subject Teaching at** :

Under Graduate Level: Basic Electronics, Analog Electronics

Post Graduate Level :

**Research Interest** :

**Project Carried out** :

**Patents** :

**Technology Transfer** :

**Research Publication** :

**No. of Books Published** :  
**(With Details)**

## FACULTY PROFILE

**Name** : Krishnendu Karmakar

**Date of Birth** : 03/05/1984

**Educational Qualification** : B.Tech.  
(Electronics & Communication Engineering)

**Professional Experience** :

Teaching : 02 years

Research :

Industry :

Others :



**Area of Specialization** :

M.. E. Level :

Industry :

**Subject Teaching at** :

Under Graduate Level: Basic Electronics, Digital Electronics, Principal of

Communication

Post Graduate Level :

**Research Interest** : Network Security, Digital electronics, Communication Engineering.

**Project Carried out** :

**Patents** :

**Technology Transfer** :

**Research Publication** :

**No. of Books Published** :  
(With Details)

## FACULTY PROFILE

**Name** : LIPIKA GHOSH

**Date of Birth** : 15/08/1963

**Educational Qualification** : B.E

**Professional Experience** :

Teaching : 6 years 7 months

Research :

Industry : 9.5 years

Others :



**Area of Specialization** :

M.. E. Level : Electronics

Industry : Electronics

**Subject Teaching at** :

Under Graduate Level: Analog Electronics Circuit, Basic Electronics, Audio Video Engg, Opto Micro Electronics Devices, Solid State Device

Post Graduate Level : Nil

**Research Interest** : Nil

**Project Carried out** : Nil

**Patents** : Nil

**Technology Transfer** : Nil

**Research Publication** : Nil

**No. of Books Published** : Nil

**(With Details)**

## FACULTY PROFILE



**Name** : M. G. TIARY

**Date of Birth** : 19.02.1972

**Educational Qualification** : M.Tech. ( Pursuing PhD)

**Professional Experience** :

Teaching : 7½ years

Research :

Industry : 3½ years

Others :

**Area of Specialization** :

M.. E. Level : Microwave

Industry : Communication

**Subject Teaching at** :

Under Graduate Level: EM Theory, Microwave Engg., Analog Communication,  
Microprocessor

Post Graduate Level :

**Research Interest** : Microwave

**Project Carried out** : Loss calculation of VLSI Interconnection, Infrared  
Communication using PCM.

**Patents** :

**Technology Transfer** :

**Research Publication** : 04

**No. of Books Published** :  
(With Details)

## FACULTY PROFILE

**Name** : Nirupama Mandal

**Date of Birth** : 12/01/78

**Educational Qualification** : M.Tech

**Professional Experience** :

Teaching : 2 yrs. 4 mont

Research :

Industry :

Others :

**Area of Specialization** :

M.. E. Level :

Industry :

**Subject Teaching at** :

Under Graduate Level: Process Control, Industril Instrumentation ,Basic Electronics

Post Graduate Level :

**Research Interest** :

**Project Carried out** :

**Patents** :

**Technology Transfer** :

**Research Publication** :3

**No. of Books Published** :  
(With Details)



## FACULTY PROFILE

**Name** : **Dr. A.K. Ganguly**

**Date of Birth** : **31 Dec. 1944**

**Educational Qualification** : **Ph. D in Engineering**

**Professional Experience** :

Teaching : 25 Yea  
Research : 7 Years  
Industry : One year  
Others :



**Area of Specialization:**

M.. E. Level : Electronics  
Ph. D level : Optical fiber communication  
Industry : Process Control.

**Subject Teaching at** :

Under Graduate Level: **1. Advanced microprocessor, 2. Optical fiber metrology**

**3. Optoelectronics and Instrumentation 4. Commn. Engg.**

Post Graduate Level :

**Research Interest** : **High speed Optoelectronic Devices, Fiber optic sensors**

**Project Carried out** : **1. On line Jute Sliver control- Project sanctioned by EC**  
**2. Fiber Optic Data Linc – DST project.**  
**3. MODROB project –AICTE project**

**Patents** : **Nil**

**Technology Transfer** : **Yes**

**Research Publication** : **24 (Twenty four)**

**No. of Books Published** : **2 (Two).**  
**(With Details)**

- 1. Optoelectronic devices and circuits**  
**Publisher-Narosa Publishing House, New Delhi Asian Edition**
- 2. Optoelectronic Devices and circuits.**  
**Publisher – Alpha Science International Ltd., Oxford UK.**  
**European edition**
- 3. Optoelectronic Devices, Optical Fiber Communication and Fiber Optic Metrology**  
**Publisher- Books and Allied Pvt. Limited, Kolkata-700010**

## FACULTY PROFILE

**Name** : Ritesh Kumar Mishra  
**Date of Birth** : 10-12-1977



**Educational Qualification** : B.E.(Electronics Engg.),  
M.Tech.(ECE)

**Professional Experience** :

Teaching : 3 Years & Two Months

Research :

Industry : 3 Years

Others : Nil

**Area of Specialization** :

M. E. Level : Microwave, Wireless communication, Antenna

Industry : Maintenance of CNC machines

**Subject Teaching at** :

Under Graduate Level: Telecommunication switching systems, Computer (Data) communication & Networking, Wireless Communication

Post Graduate Level : Nil

**Research Interest** : Antenna and communication

**Project Carried out** : B. E. – Automatic Test Equipment  
M. Tech. – Improving the Performance of Microstrip Antennas  
Ph.D – Study of Broadband Antennas (Thesis submitted)

**Patents** : Nil

**Technology Transfer** : Nil

**Research Publication** : 18

**No. of Books Published (With Details)** : Nil

## FACULTY PROFILE

**Name** : R.N.Panda [Rabindranath Panda]

**Date of Birth** : 10<sup>th</sup> April, 1946

**Educational Qualification** : M.Tech



**Professional Experience** :

Teaching : 13 years

Research :

Industry : 24 years

Others :

**Area of Specialization** :

M. E. Level :

Industry :

**Subject Teaching at** :

Under Graduate Level: Discrete Electronic Circuits, Basic Electronics

Post Graduate Level :

**Research Interest** :

**Project Carried out** : Nil

**Patents** : Nil

**Technology Transfer** : Nil

**Research Publication** : Nil

**No. of Books Published** : Nil  
(With Details)

## FACULTY PROFILE

**Name** : **Sambit S. Mondal**

**Date of Birth** : **01.12.1975**

**Educational Qualification** :  
**M.Tech (Electronics & Communication Engg)**  
**B.E (Electronics)**

**Professional Experience** :

Teaching : **5.5 Years**

Research : **NIL**

Industry : **NIL**

Others : **NIL**

**Area of Specialization** :

M... E. Level : **Microwaves**

Industry : **NA**

**Subject Teaching at** :

Under Graduate Level: **Digital Electronics Circuits. Microprocessor.**

Post Graduate Level : **NA**

**Research Interest** : **Microwaves & Solid State Devices**

**Project carried out** : **Characterization of Si Schottky diodes Using Ni & Pt and comparison of result with TCAD using SILVACO.**

**Patents** : **NIL**

**Technology Transfer** : **NIL**

**Research Publication** : **Nil**

**No. of Books Published (With Details)** : **NIL**

## FACULTY PROFILE

**Name** : **SAMIT CHAKRABORTY**

**Date of Birth** : **05/01/1980**

**Educational Qualification** : **M.E.**  
(Computer Science and Engineering)

**Professional Experience** :

Teaching : 1 Year

Research : NIL

Industry :

Others : NIL



**Area of Specialization** :

M. E. Level : Embedded Systems

Industry :

**Subject Teaching at** :

Under Graduate Level: Microelectronics,  
Solid State Electronic Devices,  
Electronic Communication Systems,  
Data Communication and Computer Networking,  
Digital Electronics and Logic Design.

Post Graduate Level : NA

**Research Interest** : **Computer Architecture, Microelectronics and VLSI**

**Project Carried out** :

**Patents** : NIL

**Technology Transfer** : NIL

**Research Publication** : NIL

**No. of Books Published** : NIL  
(With Details)

## FACULTY PROFILE

**Name** : SASWATA BANERJEE  
**Date of Birth** : 3<sup>rd</sup> July, 1980



**Educational Qualification** : M.Tech. in Instrumentation & Control Engg.  
B.Tech in Instrumentation Engg.  
B.Sc.(Hons.) in Physics.

**Professional Experience** :

Teaching : 2 years.

Research :

Industry :

Others :

**Area of Specialization** :

M.. E. Level :

Industry :

**Subject Teaching at** :

Under Graduate Level: Sensor & Transducer, Telemetry, Electrical Measurement  
Post Graduate Level :

**Research Interest** : Industrial Instrumentation.

**Project Carried out** :

**Patents** :

**Technology Transfer** :

**Research Publication** : 2

**No. of Books Published** :  
(With Details)

## FACULTY PROFILE



**Name** : Sayani Kansary

**Date of Birth** : 03.06.1984

**Educational Qualification** : B.Tec h  
M.Tech (undergoing)

**Professional Experience** : Nil

Teaching :Nil

Research :Nil

Industry :Nil

Others :Nil

**Area of Specialization** :

M. E. Level : Embedded System

Industry : Nil

**Subject Teaching at** :

Under Graduate Level: Nil

Post Graduate Level : Digital Electronics, Basic Electronics.

**Research Interest** : Embedded field

**Project carried out** : NA

**Patents** : Nil

**Technology Transfer** : NA

**Research Publication** : Nil

**No. of Books Published** : Nil  
(With Details)



**Name** : **SIBAYAN CHAKRABORTY**

**Date of Birth** : **27.05.1980**

**Educational Qualification** : **M.Tech (result awaited)**

**Professional Experience** :

Teaching : 12 month(part time)

Research : nil

Industry : yes(26 month)

Others : nil

**Area of Specialization** :**Electronics**

M.. E. Level : ECE

Industry : Networking

**Subject Teaching at** :

Under Graduate Level: **Basic Electronics**

Post Graduate Level :

**Research Interest** :

**Project Carried out** :

**Patents** :

**Technology Transfer** :

**Research Publication** :

**No. of Books Published** :  
**(With Details)**



**Name** :Samir Kumar Roy

**Date of Birth** :30/09/1946

**Educational Qualification** : M.Sc, CE, FIE, EIETE.

**Professional Experience** :

Teaching : 3 Years

Research :nil

Industry :34 Years

Others :nil

**Area of Specialization** :

M.. E. Level :Electronics & Communication Engineering

Industry : Electronics & Process Instrumentation and Control System

**Subject Teaching at** :N/A

Post Graduate Level :

**Research Interest** :Biomedical Instrumentation

**Project Carried out** :in SAIL-ISP, BURNPUR : 2 nos. in Power Plant ,2 nos in Rolling Mills and 1 no in  
**Coke ovens.**

**Patents** :nil

**Technology Transfer** :nil

**Research Publication** :3 (Three)nos.

**No. of Books Published** :nil  
**(With Details)**

## FACULTY PROFILE



**Name** : **SUJIT GOSWAMI**

**Date of Birth** : **01/01/1976**

**Educational Qualification** : **AMIE (Electronics & Comm Engg)**  
**MBA (Systems & Marketing management)**

**Professional Experience** :

Teaching : **NIL**

Research : **NIL**

Industry : **1 & ½ yrs**

Others : **05 yrs & 08 months as Technical Assistant.**

**Area of Specialization** :

M.. E. Level : **NA**

Industry : **Computer Hardware & Networking.**

**Subject Teaching at** :

Under Graduate Level: **Digital Integrated Circuits**

Post Graduate Level : **NA**

**Research Interest** : **Electronics Devices & Advanced microcontroller**

**Project Carried out** : **Ultrasonic Transducer to detect unwanted object,**  
**Protocol Router Performance & Efficiency Analyzer.**

**Patents** : **NIL**

**Technology Transfer** : **NIL**

**Research Publication** : **NIL**

**No. of Books Published (With Details)** : **NIL.**

## FACULTY PROFILE

**Name** :Sumana Roy  
**Date of Birth** :05/01/1980



**Educational Qualification** :B.Tech

**Professional Experience** :

Teaching : 2 Years and 1 month

Research :nil

Industry :nil

Others :nil

**Area of Specialization** :

M.. E. Level :

Industry :

**Subject Teaching at** :

Under Graduate Level:Electrical Measurement And Instruments control and Instrumentation,Sensors and Transducers

Post Graduate Level :

**Research Interest** :

**Project Carried out** :

**Patents** :

**Technology Transfer** :

**Research Publication** :

**No. of Books Published** :  
**(With Details)**