

CURRICULAM VITAE

NAME: ARNAB GANGULY

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ADDRESS

Postal Address

Arnab Ganguly
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District-Kolkata
West Bengal

PERSONAL DETAILS

Name: Arnab Ganguly
Date of birth: 02.04.1990
Gender: Male
Father's Name: Late Asim Kumar Ganguly
Mother's Name: Dipali Ganguly
Languages known: Bengali, English, Hindi
Nationality: Indian
Religion: Hindu
Marital Status: Married

EDUCATIONAL BACKGROUND (SCHOOL)

EXAMINATION	BOARD	YEAR OF PASSING	SCORE (%)	INSTITUTE
MADHYAMIK (X)	W.B.S.E	2005	73.9%	JODHPUR PARK BOYS' SCHOOL
HIGHER SECONDARY (XII)	W.B.C.H.S.E	2007	76.6%	BIJOYGARH VIDYAPITH

TECHNICAL BACKGROUND (B.TECH)

UNIVERSITY	INSTITUTE	DEPARTMENT	YEAR OF PASSING
WEST BENGAL UNIVERSITY OF TECHNOLOGY (WBUT)	BENGAL INSTITUTE OF TECHNOLOGY AND MANAGEMENT, SANTINIKETAN	ELECTRICAL ENGINEERING	2011

SEMESTER MARKS (B.TECH)

SEMESTER	MARKS(SGPA)
1ST	7.27
2ND	6.81
3RD	7.70
4TH	7.86
5TH	7.52
6TH	7.73
7TH	8.00
8TH	8.81
OVERALL DGPA	7.77

FINAL YEAR PROJECT (B.TECH)

TUNING OF SERVO MOTOR USING GENETIC ALGORITHM

M.TECH IN ILLUMINATION TECHNOLOGY & DESIGN FROM JADAVPUR UNIVERSITY

SEMESTER MARKS (M.TECH)

1ST SEM (CGPA)	2ND SEM (CGPA)	3RD SEM (CGPA)	4TH SEM (CGPA)	FINAL YEAR (CGPA)	TOTAL PERCENTAGE	CLASS	YEAR OF PASSING
8.4	8.3	8.31	8.31	8.65	79%	FIRST	2016

FINAL YEAR THESIS (M.TECH)

OPTIMIZED DESIGN SOLUTION OF AN AREA LIGHTING SCHEME USING GENETIC ALGORITHM

INDUSTRIAL TRAINING

- Training at **WEST BENGAL STATE ELECTRICITY DISTRIBUTION COMPANY LIMITED (WBSEDCL)** in July 2010 as per the WBUT curriculum
- Training at **CALCUTTA ELECTRIC SUPPLY CORPORATION LIMITED (CESC)** in August 2010.

FAVOURITE SUBJECTS

- ILLUMINATION ENGINEERING
- CIRCUIT THEORY
- UTILIZATION OF ELECTRIC POWER
- CONTROL SYSTEM
- ELECTRICAL MEASUREMENT & MEASURING INSTRUMENTS

OBJECTIVE FOR A SUCCESSFUL CAREER

- **SPECIAL CHARACTERISTICS:** Innovative, Hardworking & Determined.
- **CAREER OBJECTIVE:** To be a future leader in the field of innovation.
- **PRIMARY OBJECTIVE:** To be a versed engineer in my level.

WORKING EXPERIENCE

SL NO	INSTITUTE	JOINING	POST	YEARS OF EXPERIENCE
1	JLD COLLEGE OF ENGINEERING AND MANAGEMENT	02.04.2012	LECTURER	3.2 YEARS
2	JLD ENGINEERING AND MANAGEMENT COLLEGE	01.06.2015	ASSISTANT PROFESSOR	4.4 YEARS
3	GARGI MEMORIAL INSTITUTE OF TECHNOLOGY	15.10.2019	ASSISTANT PROFESSOR	3.3 YEARS (TILL NOW)

FDP, STTP, SPECIAL TRAINING & WORKSHOP

- SUCCESSFULLY COMPLETED THE TRAINING PROGRAMME ON '*STUDENT FRIENDLY METHODS OF INSTRUCTION*' ORGANIZED BY NATIONAL INSTITUTE OF TECHNICAL TEACHERS' TRAINING AND RESEARCH, KOLKATA
- SUCCESSFULLY COMPLETED THE SHORT TERM COURSE ON '*ENGINEERING AND MATERIALS FOR SUSTAINABLE DEVELOPMENT*' ORGANIZED BY GLOBAL INITIATIVE FOR ACADEMIC NETWORKS.
- SUCCESSFULLY COMPLETED FDP ON '*STUDENTS INDUCTION MANUAL & GUIDE*' ORGANIZED BY AICTE.
- SUCCESSFULLY COMPLETED THE TRAINING PROGRAMME THROUGH ICT MODE ON '*POWER ELECTRONICS IN POWER SYSTEM*' ORGANIZED BY NATIONAL INSTITUTE OF TECHNICAL TEACHERS' TRAINING AND RESEARCH, KOLKATA.
- SUCCESSFULLY COMPLETED THE TRAINING PROGRAMME THROUGH ICT MODE ON '*ENGINEERING CAPSTONE PROJECT*' ORGANIZED BY NATIONAL INSTITUTE OF TECHNICAL TEACHERS' TRAINING AND RESEARCH, KOLKATA
- SUCCESSFULLY COMPLETED THE TRAINING PROGRAMME THROUGH ICT MODE ON '*THEORY, OPERATION & EXPERIMENTATION ON SENSORS, TRANSDUCERS & ACTUATORS*' ORGANIZED BY NATIONAL INSTITUTE OF TECHNICAL TEACHERS' TRAINING AND RESEARCH, KOLKATA.
- SUCCESSFULLY PARTICIPATED IN THE FDP ON '*IMPORTANT ASPECTS OF ELECTRICAL POWER & ENERGY*' ORGANIZED BY IEEE PES SOCIETY CHAPTER OF KOLKATA SECTION JOINTLY WITH MEGHNAD SAHA INSTITUTE OF TECHNOLOGY.
- SUCCESSFULLY COMPLETED COURSE ON '*EXAMINATION REFORMS*' ORGANIZED BY AICTE.
- SUCCESSFULLY COMPLETED E-LEARNING PROGRAM ON '*POWER SYSTEMS GENERATION*' ORGANIZED BY TATA STEEL.
- SUCCESSFULLY COMPLETED E-LEARNING PROGRAM ON '*POWER SYSTEM TRANSMISSION & DISTRIBUTION*' ORGANIZED BY TATA STEEL.
- SUCCESSFULLY PARTICIPATED IN THE FDP ON "*RECENT ADVANCEMENTS & RESEARCH OPPORTUNITIES IN ENERGY SECTOR*" ORGANIZED BY ADITYA ENGINEERING COLLEGE (A)
- ORGANIZED FDP ON "*APPLICATION OF DIFFERENT COMPUTATIONAL TECHNIQUES IN THE FIELD OF ENGINEERING*" IN COLLABORATION WITH IEEE SPS, KOLKATA SECTION

- **ORGANIZED FDP ON “SMART PRACTICES TOWARDS TOMORROW’S ELECTRIC POWER PARADIGM”** IN COLLABORATION WITH IEEE PES, KOLKATA SECTION
- **ORGANIZED FDP ON “RECENT ADVANCEMENT AND RESEARCH OPPORTUNITIES IN ELECTRICAL ENGINEERING”** IN COLLABORATION WITH IEEE – SPS & IEEE – PES, KOLKATA SECTION
- **ORGANIZED FDP ON “RESEARCH OPPORTUNITIES IN AI, ML & IoT IN THE FIELD OF ELECTRICAL ENGINEERING”** IN COLLABORATION WITH IEEE – SPS, KOLKATA SECTION

PUBLICATION DETAILS

- **“REAL TIME CONDITION MONITORING SYSTEM FOR LED LUMINARIES-AN APPROACH”,** PUBLISHED IN 2ND IEEE CONFERENCE ON APPLIED SIGNAL PROCESSING (ASPCON, 2020), IEEE 2020.
- **“ENERGY EFFICIENT RAILWAY LIGHTING DESIGN – A CASE STUDY”,** PUBLISHED IN INTERNATIONAL CONFERENCE ON “SMART ENERGY & ADVANCEMENT IN POWER TECHNOLOGIES” (ICSEAPT – 21), BOOK CHAPTER PUBLICATION IN SPRINGER PROCEEDINGS
- **“IMPLEMENTATION OF POST-COVID AUTOMATED UV SANITISATION SYSTEM IN A CLASSROOM – A CASE STUDY”,** PUBLISHED IN INTERNATIONAL CONFERENCE ON “EMERGING TECHNOLOGY AND MANAGEMENT TRENDS IN ENVIRONMENT AND SUSTAINABILITY” (EMTES – 2022), BOOK CHAPTER PUBLICATION IN TAYLOR & FRANCIS PROCEEDINGS
- **“DESIGN AND ESTIMATION OF A SOLAR BASED OFFICE BUILDING”,** PUBLISHED IN INTERNATIONAL CONFERENCE ON “ENERGY SYSTEMS, DRIVES, POWER ELECTRONICS, MEASUREMENT AND SENSORS” (ESDPEMS – 2023)
- **“A COMPREHENSIVE REVIEW OF EVOLUTION OF ACS NANO-GENERATOR”,** PUBLISHED IN INTERNATIONAL CONFERENCE ON “NANO MATERIALS” (ICN – 2022)

ADMINISTRATIVE RESPONSIBILITY

- **EXAM CELL MEMBER. O.I.C OF SEVERAL STATE GOVT & CENTRAL GOVT EXAM**
- **CONVENOR OF CULTURAL COMMITTEE, ROUTINE COMMITTEE & DEPARTMENTAL ACADEMIC COMMITTEE**
- **EXECUTIVE MEMBER & CO-CONVENOR OF NDLI PROGRAM**
- **SPOC OF SWYAM/NPTEL RELATED INSTITUTIONAL ACTIVITIES**

I hereby declare that all the above stated statements are true to the best of my knowledge and belief

Arnab Ganguly

Date: 12th February 2023

Signature