

Curriculum Vitae

ABIR DAS

Permanent Address : 311/20, Maharaja Nanda Kumar Road (South),
P.O. & P.S. – Baranagar, Kolkata - 700036

Contact No. : +91 9051501521
Email : abir100das@gmail.com
Date of Birth : 27th January, 2001
Gender : Male
Nationality : Indian
Religion : Hinduism
Marital Status : Unmarried
Father's Name : Prabir Kumar Das
Mother's Name : Arati Sengupta Das



CAREER OBJECTIVE

Intend to build a career with an Organization, with committed and dedicated people, which will help me to explore my potential and attain growth and establishment.

EDUCATION QUALIFICATION

Degree	Institution	Year	CGPA/%	Specialization
Ph.D. (Enrolled)	University of Engineering & Management (UEM)	2025	Enrolled	Application of AI and ML in Health Care
Masters	Narula Institute of Technology (affiliated with MAKAUT)	2023- 2025	9.3 (CGPA) Percentage = 85.5%	Power System
Graduation (B.Tech)	Narula Institute of Technology (affiliated with MAKAUT)	2019-2023	8.37 (CGPA Percentage = 76.2%)	Electrical Engineering
12th	Central Modern School	2019	78.25% (Best of 5) 74.67(AII Subject)	Science
10th	Central Modern School	2017	83.6% (Best of 5) 80.67(AII Subject)	Science

OTHERS QUALIFICATION

Programming Language : C, C++, JAVA

M.Tech Thesis Title: Development of Fuzzy Logic based Linearizer for removal of Swelling and Shrinkage phenomenon for accurate level measurement in Industrial Boiler.

Guide: Dr. Bansari Dev Majumder (Head department of Electrical Engineering, Narula Institute of Technology).

Abstract: The abstract discusses the challenges of accurately measuring water levels in industrial boilers due to swelling and shrinkage effects. Traditional PID controllers struggle to handle these nonlinear dynamics, leading to inaccurate readings and unsafe operations. A fuzzy logic controller, designed using MATLAB's Fuzzy Logic Designer, is proposed to manage these transients more effectively. This method offers better accuracy, adapts well to changing conditions, and integrates easily into existing systems. The study highlights improved performance, reduced operator workload, and the potential for future AI-based control enhancements.

CERTIFICATION:

- ☐ NPTEL course Research Methodology with a consolidated score of 67%.
- ☐ Coursera online certificate on Wind Energy.
- ☐ Coursera online certificate on Electric Industry and Markets.
- ☐ Ementora certificate for Participating in Ementora Webinar.

TRAINING:

Vocational training at West Bengal State Electricity Distribution Company Limited (WBSEDCL)

PROJECTS:

- B.Tech final Year project on Design and Implementation of DC-DC Single Ended Primary Inductor Converter (SEPIC)

PAPER PUBLICATION:

- Study on Battery Technology at Ideal International E-Publication Pvt. Ltd. [International Conference on Energy, Systems, Drives, Power Electronics, Measurement & Sensors (ISBN:978-93-89817-95-9)]
- Contingency Analysis Study for a 5Bus System at Ideal international E-Publication Pvt. Ltd. [International Conference on Energy, Systems, Drives Power Electronics, Measurement & Sensors (ISBN:978-93-89817-95-9)]
- Energy Audit and Management at international Advanced Research Kpirma; on Science, Engineering and Technology [ISBN(online):2393-8021][ISBN (PRINT)2394-1508]
- IoT Based monitoring of the health of Dam at International Conference on Novel Infrastructure Technique (NITCon-2025)

Achievements:

Department Topper in M.Tech (2023-25).

Subject of Interest:

1. Power System
2. Data Base Management System
3. Java
4. Industrial Safety Management
5. AI Techniques

STRENGTH

- ☐ Problem Solving, Willing to accept challenges

OTHERS

Language known : Bengali, English, Hindi

Hobby : Playing Cricket & Football, Drawing, Travelling, Reading Books

EXPERIENCE

Assistant professor at Swami Vivekananda University, Barrackpore, West Bengal- 700121

Teaching Experience: I have three years of experience in ofclass VII-X (Physics, Chemistry, Biology, Computer Application, History and Geography) and one year of class XI and XII (Computer).

DECLARATION

Isolemnly declare that all information made in the above are true to my best knowledge and belief.

Date :

Place:

ABIR DAS

No. TD 90084866



1172994/056

084866

PASS CERTIFICATE

No divisions are awarded

This is to certify that **ABIR DAS**

of **CENTRAL MODERN SCHOOL, BARANAGAR, KOLKATA**

UNIQUE ID 6529691

Son of

Smt **ARATI SENGUPTA DAS**

Shri **PRABIR KUMAR DAS**

was awarded an

INDIAN CERTIFICATE OF SECONDARY EDUCATION (CLASS-X)

The candidate attained at least grade 7 in **SIX** subjects of the External Examination and at least grade D in the subject of Internal Assessment as given below:

SUBJECTS

External Examination

ENGLISH

BENGALI

HISTORY, CIVICS & GEOGRAPHY

MATHEMATICS

SCIENCE

COMPUTER APPLICATIONS

NEW DELHI

GRADE

3 **THREE**

2 **TWO**

1 **ONE**

4 **FOUR**

3 **THREE**

1 **ONE**

Internal Assessment

SUPW & COMMUNITY SERVICE

Date of birth as

certified by the (in words) Twenty Seventh January Two Thousand One

Head of the School

at the time of (in figures) 27.01.2001
registration

EXAMINATION YEAR 2017

Date of declaration of Result - 29.05.2017

[Signature]

Chief Executive & Secretary

[Signature]

Chairman

Council for the Indian School
Certificate Examinations

(See Overleaf)

COUNCIL FOR THE INDIAN SCHOOL CERTIFICATE EXAMINATIONS, NEW DELHI
INDIAN CERTIFICATE OF SECONDARY EDUCATION (CLASS - X) - YEAR 2017

No. TD 10085915



1172994/056

STATEMENT OF MARKS

Name ABIR DAS

of CENTRAL MODERN SCHOOL, BARANAGAR, KOLKATA

UNIQUE ID 6529691

Son of

Smt ARATI SENGUPTA DAS

Shri PRABIR KUMAR DAS

SUBJECTS

External Examination

ENGLISH

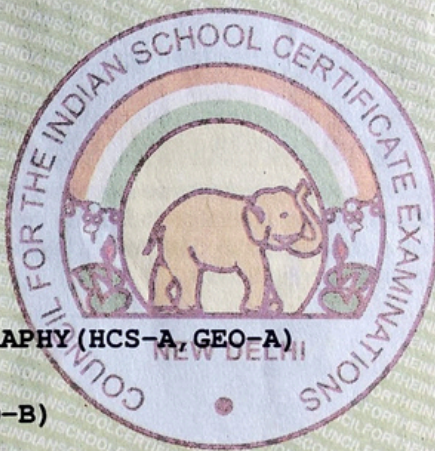
BENGALI

HISTORY, CIVICS & GEOGRAPHY (HCS-A, GEO-A)

MATHEMATICS

SCIENCE (PHY-C, CHE-B, BIO-B)

COMPUTER APPLICATIONS



Percentage Marks

73 SEVEN THREE

81 EIGHT ONE

94 NINE FOUR

66 SIX SIX

79 SEVEN NINE

91 NINE ONE

Internal Assessment

Grade

SUPW & COMMUNITY SERVICE

A

Date of birth as

certified by the (in words) Twenty Seventh January Two Thousand One

Head of the School

at the time of (in figures) 27.01.2001
registration

RESULT - PASS CERTIFICATE AWARDED

Date of declaration of Result - 29.05.2017

Note: 1. The pass mark for each subject is 35%
2. No divisions are awarded.


Chief Executive & Secretary

(See Overleaf)

No. BM 80015695

2192262/047

015695



PASS CERTIFICATE

No divisions are awarded

This is to certify that **ABIR DAS**

of **CENTRAL MODERN SCHOOL, BARANAGAR, KOLKATA**

UNIQUE ID **6529691**

Son of

Smt ARATI SENGUPTA DAS

Shri PRABIR KUMAR DAS

was awarded an

INDIAN SCHOOL CERTIFICATE (CLASS-XII)

The candidate attained at least grade **8** in **SIX** subjects of the External Examination and at least grade **D** in the subject of Internal Assessment as given below:

SUBJECTS

External Examination

ENGLISH

BENGALI

MATHEMATICS

PHYSICS

CHEMISTRY

COMPUTER SCIENCE

GRADE

4 FOUR

1 ONE

4 FOUR

3 THREE

3 THREE

4 FOUR

Internal Assessment

SUPW & COMMUNITY SERVICE

A

EXAMINATION YEAR 2019

Date of declaration of Result - **07.05.2019**

Chief Executive & Secretary

Chairman

Council for the Indian School
Certificate Examinations

(See Overleaf)

COUNCIL FOR THE INDIAN SCHOOL CERTIFICATE EXAMINATIONS, NEW DELHI
INDIAN SCHOOL CERTIFICATE EXAMINATION (CLASS - XII) - YEAR 2019

No. BM 50016264



2192262/047

STATEMENT OF MARKS

Name ABIR DAS

of CENTRAL MODERN SCHOOL, BARANAGAR, KOLKATA

UNIQUE ID 6529691

Son of

Smt ARATI SENGUPTA DAS

Shri PRABIR KUMAR DAS



SUBJECTS
External Examination
ENGLISH
BENGALI
MATHEMATICS
PHYSICS
CHEMISTRY
COMPUTER SCIENCE

Percentage Marks

69	SIX	NINE
90	NINE	ZERO
67	SIX	SEVEN
77	SEVEN	SEVEN
77	SEVEN	SEVEN
68	SIX	EIGHT

Internal Assessment
SUPW & COMMUNITY SERVICE

Grade

A

RESULT - PASS CERTIFICATE AWARDED

Date of declaration of Result - 07.05.2019

Note: 1. The pass mark for each subject is 35%
2. No divisions are awarded.

Chief Executive & Secretary

(See Overleaf)

Maulana Abul Kalam Azad University of Technology, West Bengal

Degree Certificate



This is to certify that

ABIR DAS

of

NARULA INSTITUTE OF TECHNOLOGY (AN AUTONOMOUS INSTITUTION)

was awarded the degree

of

BACHELOR OF TECHNOLOGY IN ELECTRICAL ENGINEERING

with **DGPA 8.37**

for the academic year(s) **2019-2023**.

Dated : **22/07/2023**



Digitally signed on
Date : 25/07/2025 13:38:37 IST

Note:-

1. This is a digital certificate. The format of this certificate may differ from the document issued by the Issuer.
2. Information presented on the certificate is as per the latest data provided by the awarding body.
3. This certificate is electronically generated by DigiLocker - National Academic Depository.
4. This digitally signed document is legally valid as per the IT Act 2000 when used electronically.
5. To verify this certificate, download DigiLocker Android application from Google Play and scan the QR code on the certificate.



NARULA INSTITUTE OF TECHNOLOGY

81, Nilgunj Rd, Jagarata Pally, Deshpriya Nagar, Agarpara, Kolkata, West Bengal 700109

An Autonomous Institute
Affiliated to

MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WEST
BENGAL

(Formerly known as West Bengal University of Technology)

NH-12(OLD NH-34), HARINGHATA, SIMHAT NADIA, PIN - 741249

Print

PROVISIONAL GRADE CARD

Examination	M.Tech HELD IN 2024-25		
Branch	POWER SYSTEMS		
Name	ABIR DAS	Year	2nd Semester 4
College Roll No.	433023010011	University Registration No.	231270410029 of 2023-2024

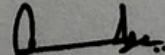
Paper Code	Paper Name	Type	Letter Grade	Point	Credit	Credit Points
PSM401	DISSERTATION (PHASE - II)	S	O	10	12.0	120.0
PSM402	COMPREHENSIVE VIVA-VOCE	S	O	10	4.0	40.0
Total					16.0	160.00
SGPA:	ODD SEMESTER - 3	9.44	CGPA: 9.30			
SGPA:	EVEN SEMESTER - 4	10.00				
YGPA:	Percentage of marks		85.50			
Result:	P					

MANDATORY ADDITIONAL REQUIREMENT (MAR)	MINIMUM SCORE REQUIRED:	OBTAINED SCORE:	STATUS
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Any discrepancy may please be reported to the institute within 7 days
Otherwise, the institute will not be responsible for any errors in transcripts.

Downloaded On: 17/07/2025 09:51:23

Kolkata
28/05/2025


Controller of Examinations

Date: 29.07.2025

ENROLLMENT LETTER (Ph.D)

To,

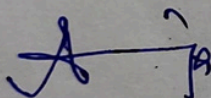
ABIR DAS,

Dear Researcher,

I am pleased to inform you that you have been enrolled as Ph. D student in **Engineering** under this University from **July 2025**.

Please note this Enrollment No. **12025008013018** for further correspondence.

I wish the very best at your endeavour.



PROF. DR. ABIR CHATTOPADHYAY
DEAN RESEARCH
UEM KOLKATA

Other Institutes of the Group



West Bengal State Electricity Distribution Company Limited

(A Government of West Bengal Enterprise)

WBSEDCL

HUMAN RESOURCE DEVELOPMENT DEPARTMENT

OFFICE OF THE GENERAL MANAGER (HRD&TRG)

Vocational Training Certificate

1. Name of the Trainee : ABIR DAS
2. Name of the Institute : Narula Institute of Technology
3. Stream : EE ☒ E&IE ☐ ME ☐ Civil ☐ CSE ☐
IT ☐ ETC ☐ I&C ☐
4. Period of Training : From 07.02.2022 To 23.02.2022
5. Training under Control of : Divisional Manager, Kalyani Division, WBSEDCL
6. Nature of Training : Operation & Maintenance activities of
Line & Sub Station upto 33 KV of WBSEDCL

REMARKS

- a) Conduct : Excellent ☐ Very Good ☐ Good ☒ Satisfactory ☐
- b) Work : Excellent ☐ Very Good ☒ Good ☐ Satisfactory ☐
- c) Progress of Training : Excellent ☐ Very Good ☐ Good ☒ Satisfactory ☐

Place : Kolkata

Date : 24.02.2022

Adak

Authorised Signatory
[With seal]

Addl. Chief Engineer
H.R.D.D. W.B.S.E.D.C.L.
Bidyut Bhawan (5th Floor) D. Block
Bishnupur, Kolkata-700091

WBSEDCL

Certificate of Merit
Awarded for Academic excellence

Presented to

ABIR DAS

.....

of

M. TECH PS(1st year)

.....

Narula Institute of Technology
Congratulates you for obtaining the 1 st position

20th May 2025



.....
Dr. Nidhi Singh
Registrar

.....
Prof. (Dr.) Soumen Banerjee
Principal



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

ABIR DAS

for successfully completing the course

Research Methodology

with a consolidated score of **67** %

Online Assignments	18.75/25	Proctored Exam	48/75
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Total number of candidates certified in this course: **2928**

Devendra Jalihal

Prof. Devendra Jalihal

Chairperson,

Centre for Outreach and Digital Education, IITM

Feb-Apr 2024

(8 week course)

Andrew Thangaraj

Prof. Andrew Thangaraj

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL24GE21S559700110

To verify the certificate



No. of credits recommended: 2 or 3

HONOUR CODE
CERTIFICATE

Iss-w_73363



Energy Swaraj Foundation
Energy by Locals for Locals

NIT

JIS
The Global Vision

Certificate of Energy Literacy

This is to certify that

Abir Das

has successfully completed a short course on "**Learn to Design your own Solar Home System**".

The recipient got a basic understanding of energy, power, electricity bill, and solar systems. The recipient can estimate the electricity needs of a home and design a solar system for the same. The certificate has been awarded as a part of Energy Literacy Drive of the Energy Swaraj Foundation in association with **NARULA INSTITUTE OF TECHNOLOGY.**



08-Aug-2020

Date

Banati

on behalf of
Energy Swaraj Foundation



The authenticity of this certificate can be validated at <http://energyswaraj.org/honor.php>