

EDUCATIONAL QUALIFICATIONS

Year	Qualification	Institute / Organization	Board / University	%age / CGPA
2017	B. Tech	Indian Institute of Engineering Science and Technology, Shibpur.	IEST,SHIBPUR	8.23
2012	12th	Chinmaya Vidhayalaya, Bokaro	CBSE	92.0
2010	10th	D.A.V Public School , Dhanbad	CBSE	95.0

TECHNICAL SKILLS

- Programming Languages : C, C++,CORE JAVA,PHP,HTML5, MYSQL,ORACLE
- Platforms : Linux (Ubuntu, Kali, Red hat) and Windows7,8,10
- Software : WAMP, XAMP, Xilinx, Open GL.

TRAINING AND COURSES

- 1 month course in **JAVA (Core)** from MTA at Kolkata in summer may, 2015. .
- 1 month course in **Database Fundamentals** from MTA at Kolkata in summer June, 2015.
- 1 month course in “**Professional English Language Course**” from British Council at IEST,SHIBPUR

WORKSHOP

- Attended Workshop on "**ETHICAL HACKING**" conducted by TECH DEFENCE.
- Attended Workshop on “**Cloud Computing**” organised by ‘IIT Kharagpur’.
- Attended Workshop on “**GLOBAL ENTREPRENEURSHIP SUMMIT**” organised by ‘IIT Kharagpur’.

POSITIONS OF RESPONSIBILITY

- **INSTRUO 2015** - Largest Tech fest of Kolkata
Event co-ordinator of the special event War of Titans on INSTRUO 2015
- **INSTRUO 2016** - Largest Tech fest of Kolkata
Event co-ordinator of the special event MatheMania on INSTRUO 2016
- Event Co-ordinator in INSTRUO’16 – IEST Technical Fest
Role- Event co-ordinator of the special event MatheMania on INSTRUO’16.
It is the largest Technical Fest of Kolkata conducted by IEST students
Around 400 participants took part from different Engineering Colleges of Kolkata Region.
- **Webcasting** - Link:- <https://www.youtube.com/channel/UCuD1qfGw-ticWNSZAGk3mzQ>
Total end to end responsibility for the complete Live streaming and recording of all Events of IEST Alumni Day 2015 directly on YouTube channel. Used Wirecast tool for the interface between camera and YouTube.

ACHIVEMENTS AND EXTRA ACTIVITIES

- Recieved **Merit Scholarship** of Rs12,000 from GAABESU consecutive two year.
- Recieved **Merit cum Means Scholarship** from IEST UNIVERSITY of Rs 14,400.
- City topper, **AIR-261**, Merit Certificate ,National Cyber Olympiad.
- Only Student from School to receive Congratulation letter from Kapil Sibal, HRD C & IT Minister, Government of India for performance in Class 10.
- Received Award for 100% attendance in Class 10 in DAV Public School, Moonidih.
- Received Merit cum means scholarship in year 2015 from IEST, Shibpur.

- AIR 437, in Final level of 6th National Cyber Olympiad (NCO).
- Proficiency Certificate from CBSE with Best performance in School.
- Received Award for 100% attendance in Class 10 in DAV Public School, Moonidih.
- Received Merit Scholarship from IEST ALUMNI ASSOCIATION (GAABESU) for two year.

PROJECTS

Project on “Design of Obstacle Detection and Collision Avoidance using Raspberry PI” (may ‘16 - Jan ‘17)

Developed a running model for the Obstacle Detection using infrared sensor and Collision Avoidance using motor driver, Used Raspberry Pi B+ model for implementation.

Project on “Library Management System(LMS) - WEB APPLICATION” (sept‘15-Jan ‘16)

Developed frontend using HTML, PHP and backend using MYSQL of LMS .
Studied HTML, PHP, MYSQL, Wamp Server under guidance of **Dr. S. Roy** of IEST, SHIBPUR.

Project on “Lexical Analyzer of your own Language using C Language” (Jan’16-April’16)

Developed lexical Analyzer which accepts input from c file and generate its keyword and identifier.
Studied Automata Theory, basics of Compiler under guidance of Dr. C. Giri of IEST, Shibpur.

Project on “Digital Dictionary using Core Java” (may ‘15 - June ‘15)

Developed a running program which gives the meaning of the searched word using Core Java.

RESEARCH WORK

R. K. Agarwal, C. Bhattacharyya, G. Debnath and M. Bhattacharyya

“Do We Present the Same What We Publish? A Statistical Perspective”, *Computers in Human Behavior*, Under review, 2016. **(Latest IF: 2.88)**

Analyzed the similarity between Paper, Slide and video of the same research work, Observed the Human Psychology while presenting the paper, Studied Cosine Similarity, Correlation, worked on Tagcrowd and Topic Modelling Tool under guidance of Prof M. Bhattacharyya of IEST, Shibpur.

TRAINING AND COURSES

- 1 month course in “Professional English Language Course” from British Council at IEST, SHIBPUR.
- 15 Days Training at DURGAPUR STEEL PLANT on overview of CS &IT applications in May, 2016.
- Completed CORE JAVA Summer Training with ‘A’ Grade from Microsoft, Kolkata in May, 2015.
- Completed Certified Professional Course on Database Fundamentals in June, 2015.