



SWARNADWIP SARKAR

B.TECH – ELECTRONICS AND COMMUNICATION ENGINEERING

Roll Number : 23EC8019

Gender : Male

Date of Birth : 13/05/2005

Category : SC

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Educational Qualification

➤ Graduation

SEM	1	2	3	4	5	6	7	8
SGPA	7.87	8.35	9.40	Ongoing	-	-	-	-
CGPA	7.87	8.09	8.57	Ongoing	-	-	-	-

➤ Higher Secondary & Secondary

YEAR	DEGREE/EXAMINATION	INSTITUTION/BOARD	PERCENTAGE
2023	CLASS XII	WEST BENGAL COUNCIL OF HIGHER SECONDARY EDUCATION (WBCHSE)	96.4
2021	CLASS X	WEST BENGAL BOARD OF SECONDARY EDUCATION (WBBSE)	94.86

Academic Achievements

➤ Memorial Awards

- ❖ Nirode Kumar Sinha Memorial Award
- ❖ Professor Subal Mukhopadhyay Memorial Award
- ❖ Mainak Biswas Memorial Award
- ❖ Arup Bosu Memorial Award
- ❖ Samir Dey Karmakar Memorial Award
- ❖ Ila Das Memorial Award
- ❖ Kamalakanta Bairagi Memorial Award
- ❖ Puspa Mitra Memorial Award
- ❖ Haribar Roy and Srimati Roy Memorial Award

➤ Prasasthika Awards

- ❖ Annual Cultural Fest Prasasthika Award 2020 (Taken the 3rd position)
- ❖ Annual Cultural Fest Prasasthika Award 2022 (Taken the 1st position)

➤ Reception Award

- ❖ Bongaon Municipality Reception Award 2021 (Holding the 3rd position)
- ❖ Bongaon Municipality Reception Award 2023 (Holding the 1st position)

➤ Award and Memento

- ❖ Win a LAPTOP for getting highest marks in 12th Class over Bongaon Division
- ❖ Janapath Paribahan Majdur Union (C.I.T.U., Reg. No. :- 18502) Reception Award 2023 (Memento)
- ❖ Mahakabi Kalidas Award (Memento)
- ❖ Brainware University Appreciation Award (Memento)
- ❖ 80th Death Anniversary of Kabiguru Rabindranath Tagore Award of Reception (Memento)
- ❖ 142th Death Anniversary of Dr. Bidhanchandra Roy Award of Reception (Memento)
- ❖ Win a Silver Medel

Work Experience

- Tutor (Science Subjects)
 - ❖ Provided one-on-one academic support to middle and high school students.
 - ❖ Helped students improve grades and study habits through personalized sessions.
- Helping my father in his Business (Sarkar Tailors, Bongaon, N24Pgs, West Bengal)
 - ❖ Supporting my father in his Business

Skills Summary

- **Technical Skills :**
 - ❖ Basic Kids Course (including MS WORD, MS EXCEL, MS POWERPOINT etc.)
 - ❖ Diploma in Information Technology Application
 - ❖ Python Programming Language
 - ❖ Basic JAVA Programming Language
 - ❖ C Programming Language
 - ❖ Data Structures and Algorithm (C++)
 - ❖ Knowledge in Digital Electronics
 - ❖ Arduino for Beginners
 - ❖ PCB Design, FPGA Design, Embedded System Design tactics
 - ❖ VLSI Design tactics
 - ❖ Control Design Onramp with Simulink
 - ❖ Basic Knowledge in MATLAB, Simulink, Circuit Simulation
 - ❖ Basic Knowledge in Control Systems and Designs
- **Non –Technical Skills :**
 - ❖ Leadership and Problem solving
 - ❖ Time management
 - ❖ Teamwork and Collaboration
 - ❖ Communication and Public Speaking
 - ❖ Adaptability

Projects

- Project – Portfolio Website :
 - ❖ Using HTML, CSS, Javascript
- Project – Smart Doorbell :
 - ❖ Using of Arduino and the Sensors
 - ❖ Circuitry connections and uses of devices like soldering iron
 - ❖ Applying the knowledge of programming in the Arduino
- Project – Smart sensor for Blind people :
 - ❖ Establishing the small circuitry in a spectacle
 - ❖ Applying the knowledge of designing the circuitry
- Project – Smart Dustbin :
 - ❖ Using of Arduino, Ultrasonic sensor(HC-SR04), SG90 motor
 - ❖ Set up the full circuitry in the dustbin tub
- Project – Smart Car Parking System
 - ❖ Using of Arduino, LCD Display (with 12IC), IR sensor, SG90 motors
 - ❖ Full design and set up of this system
- Project – Automatic Night Light
 - ❖ Use of LDR (Light Dependent Resistor) and Relay
 - ❖ Useful home innovation during load-shedding

- Some mini projects (Fire Detector, Traffic light, Object Detector, Secret box security system, Water level indicator, Light/Dark detector, Sound detector etc.)

Positions of Responsibility

- Active member of Matua Mahasangha
- Co-Partner of the business of my father
- Class monitor from class IX-XII
- Hosting Quiz competition(twice) in School Annual Fest

Extracurricular Activities

- Part of School Cricket Team - 4+ years of experience in playing Cricket (Class 7-10)
- Part of School Badminton Team - 2+ years of experience in playing Badminton (Class 9-10)
- Interest in Making Home Innovative
- Active Participant in School Quiz Competitions
- Active Participant in Annual Events competitions
- Have a interest in playing Chess
- Learn Drawing up-to Primary level