

- **GENERAL INFORMATION (CV/ RESUME)**

- **NAME:-** SANCHARI LAHIRI
- **FATHER'S NAME:-** TATHAGATA LAHIRI
- **MOTHERS NAME:-** MAMATA LAHIRI
- **DATE OF BIRTH:-** 19th DECEMBER 1996
- **MARITAL STATUS:-** UNMARRIED
- **OCCUPATION:-** STUDENT
- **EDUCATIONAL QUALIFICATION:-**
 - **SECONDARY EXAMINATION -(W.B.B.S.E) IN 2013 WITH 82%**
 - **HIGHER SECONDARY EXAMINATION -(W.B.C.H.S.E) IN 2015 WITH 85%**
 - **GRADUATION IN PHYSICS - (UNIVERSITY OF CALCUTTA) IN 2018 WITH 61% (OVERALL)**
 - **POST- GRADUATION IN PHYSICS - [ST. XAVIER'S COLLEGE, (UNIVERSITY OF CALCUTTA)] IN 2020 (in Offline Mode) – 72% (OVERALL)**
- **EDUCATIONAL INSTITUTIONS:-**
 - **SECONDARY:- LORETO DAY SCHOOL BOWBAZAR**

- **HIGHER SECONDARY:-** PATHA BHAVAN
- **STREAM:-** SCIENCE

- **SUBJECTS:-**
BENGALI,ENGLISH,MATHEMATICS,PHYSICS,CHEMISTRY,BIOLOGY.

- **UNDERGRADUATION:-** VIDYASAGAR COLLEGE
 - **HONOURS:-** PHYSICS
 - **OTHERS:-**MATHEMATICS,CHEMISTRY
- **POST-GRADUATION:-** ST XAVIER'S COLLEGE(KOLKATA)
 - (2018 –2020)
 - **SUBJECT :-** PHYSICS

- **ADDRESS:-**

- **HOME:-** 8M HOUSING COOPERATIVE SOCIETY ,FLAT NO C2/9,20/1
ULTADANGA MAIN ROAD, KOLKATA ,WEST BENGAL

- **PIN CODE:-** 700067

- **NATIONALITY:-** INDIAN

- **RELIGION :-** HINDU

- **CONTACTS:-** 9674862016, 7980698692

- **EMAIL ADDRESS:-** sancharisarulahiri@gmail.com

- **LANGUAGE:-** BENGALI,ENGLISH,HINDI

- **TECHNICAL KNOWLEDGE:-**

- **COMPUTER:-** MATHEMATICAL KNOWLEDGE ON C PROGRAMMING AND PYTHON PROGRAMMING ALONG WITH ATTENDING VARIOUS LECTURES ON PYTHON PROGRAMMING AND ACCOMPLISHING A PROJECT NAMED AS “ STUDY OF ION ACOUSTIC SHOCK FRONTS AND SOLITARY PROFILES IN A WEAK RELATIVISTIC PLASMA”, BRIDGE COURSE IN MATHEMATICS,COURSE IN SOFT SKILLS COMMUNICATIVE ENGLISH.
- **OTHERS ABOUT MYSELF:-** HIGH INTEREST AND STRONG WILL TO LEARN, SINCERE,DEDICATED,HARD-WORKING,EXPLORING NEW THINGS,STRONGLY DETERMINED
- **EXTRACURRICULUM ACTIVITY:-** SINGING , LISTENING TO MUSIC,AND READING NOVELS ,THRILLERS AND FICTION.
- **CURRICULUM INFORMATION:-**
- **ADVANCED EXPERIMENTS PERFORMED:-**
 - MEASURING LANDE g FACTOR USING ESR (ST XAVIER’S COLLEGE)(2018)
 - ULTRASONIC DIFFRACTION EXPERIMENT FOR DETERMINING VELOCITY OF LIQUID(KEROSENE OIL) AND ITS COMPRESSIBILITY (ST XAVIER’S COLLEGE)(2018)
 - TO DETERMINE FIRST EXCITATION POTENTIAL OF ARGON WITH FRANK HERTZ TUBE (ST XAVIER’S COLLEGE)(2018)
 - TO DETERMINE PLANK’S CONSTANT FOR A METALLIC SURFACE AND TO DETERMINE THE THRESHOLD FREQUENCY AND MAXIMUM VELOCITY OF THE PHOTOELECTRONS

- **EXPERIENCE IN PHYSICS AND MATHEMATICS WORKSHOPS AND SEMINARS**

- **2015:-** STUDENT'S SEMINAR IN VIDYASAGAR COLLEGE
- TOPIC: INTERNATIONAL YEAR OF PHYSICS
 - TOPIC: LARGE HADRON COLLIDER
 - GRAVITATIONAL WAVES
- **2015:-** ONE DAY SEMINAR(S.I.N.P)
 - TOPIC: GOD PARTICLE
 - SPEAKER : DR VIKAS BHATTACHARYA
- **2016:-** ONE DAY VISIT AT BIRLA INSTITUTE OF TECHNOLOGY
- **2017:-**ONE DAY SEMINAR(VIDYASAGAR COLLEGE)
 - TOPIC: A NEW VIEW OF THE SOLAR SYSTEM
 - SPEAKER: DR DEBIPRASAD DUARI
- **2018:-** ONE DAY SEMINAR (ST XAVIER'S COLLEGE)
 - TOPIC: STEPHEN HAWKING
 - SPEAKER: AMAL KR.ROYCHOWDHURI
 - A BRIEF TALK ON SOLID STATE ELECTRONICS
- **2018:-** ONE DAY SEMINAR(ST XAVIER'S COLLEGE)
 - TOPIC: GALLIUM NITRIDE(THE NEW WONDER MATERIAL)
- SPEAKER: PROF VIKRAM KUMAR(FNAS,FNAE,FIETE,D.SC)
- **2019:-** WEBINAR ON QUANTUM COMPUTATION

- **2020:-**ONE DAY TRIP IN THE MATERIAL SCIENCE DEPARTMENT OF IIT KHARAGPUR WITNESSING :-
 - MOLECULAR BEAM EPITAXY(QUANTUM DOT ON Si)
 - LASER BEAM SPECTROSCOPY(OPTICAL ABSORPTION PHENOMENON)
 - RF,DC AND MAGNETON SPUTTERING,
 - XRAY SPECTROSCOPY
 - ELECTRON BEAM LITHOGRAPHY

- RAMAN SPECTROSCOPY
- PULSED LASER DEPOSITION
- XRAY PHOTOELECTRON SPECTROSCOPY
- ADVANCED VLSI DESIGN LAB
- ETCHING LAB
- OXIDATION LAB
- LASER DOPPLER VIBROMETER
- METAL DEPOSITOR
- DOUBLE SIDED MASK ALIGNER
- PROBING STATION
- RESISTIVE GAS SENSOR
- COOLING GENERATOR
- MICROELECTROMECHANICAL SYSTEM(MEMS)
- SILICON ON INSULATOR
- LANGMUIR PROJECTION
- **2020:-** PROJECT ON “VARIOUS MODES OF ELECTRIC AND MAGNETIC FIELD AND THEIR INTERPRETATIONS INSIDE A HOLLOW RECTANGULAR WAVEGUIDE”.
- **2020:-** PROJECT ON “STUDY OF ION ACOUSTIC SHOCK FRONTS AND SOLITARY PROFILES IN A WEAK RELATIVISTIC PLASMA” USING PYTHON PROGRAMMING.
- **2021:-** CURRENTLY PERSUING **B.ED** (TEACHER’S TRAINING) FROM **ST. XAVIER’S COLLEGE KOLKATA**