



Dadhichi Das

Integrated M.Sc.
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DOB- 1 March 2005

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
Int. M.Sc.(perusing)	National Institute of Science Education and Research	8.25 (Current)	2023-Present
Senior Secondary	The Air Force School, CBSE Board	94.2%	2023
Secondary	The Air Force School, CBSE Board	94.4%	2021

PROJECTS

- **Roborace Robot** Jan. 2024 - Feb. 2024
RoboTech Club, NISER
 - We programmed in Arduino UNO and with the help of transmitter we were controlling the bot to tackle different kind of obstacles in track.
 - Used OnShape and laser cutter to design our bot.
 - Participated in many competitions
- **Line Follower Robot** Jan. 2024 - Feb. 2024
RoboTech Club, NISER
 - We programmed Arduino UNO and with the help of Infrared Sensor we made a bot which follows a black line on white surface
 - We used the concept of proportional–integral–derivative controller concept to make our bot more accurate.
 - We also participated in many competitions and performed well
- **Robo Soccer Robot** Feb. 2024 - March 2024
RoboTech Club, NISER
 - We programmed in Arduino UNO and used transmitter and receiver to control the bot.
 - Used concept of polynomial input and increase to have better control on the bot
 - We participated in many competition and performed well

ACHIEVEMENTS

- **Senior Secondary Board Examination**, Topped in Physics and Mathematics in school 2023
- **Olympiads**, Achieved 1 rank in school in National Astronomy Challenge, received gold medal of excellence in IMO, received bronze medal in NSO, achieved bronze medal in IEO, ranked 1 in science in school in SilverZone Olympiad 2016-2023
- **Quiz**, Qualified 1st round of Asterism Astronomy Quiz, Participated in Swami Vivekananda Quiz hosted by AFGJI, qualified round 1 in Indian Navy Quiz-THINQ 22, qualified 1st round in Mind Sports Quiz, Qualified first round in Annual Heritage Quiz organized by Bengal Chamber of Commerce 2021-2023
- **Band**, Achieved 1st position in Zonals Solo Indian Instrumental Competition, achieved 3rd position in Zonals Orchestral Competition, participated as lead pianist in Annual Day Orchestra, Band member of college band Stereo Hearts and performed in AIIMS Bhubaneswar fest CHAISMA 2013-Present
- **Presentation**, Won 1st Prize in explanation of how drug's tackle corona virus presentation in video in competition Chem-O-Motion organized by Bal Bharti Public School October 2021

SKILLS

- **Programming**: Python,
- **Software**: 3D modelling in OnShape, Sheet music composing on MuseScore, Music composing on FL Studios
- **Operating Systems**: Windows, Linux
- **Astronomy**: Can use 6 inch Basic Telescope
- **Robotics**: Can do programming of C++ in Arduino and use Basic sensors

CERTIFICATIONS

- **Music**: Trinity College London (Piano examination) distinction in grade initial, grade 1, grade 4 and grade 6
- **Painting**: Completed till 3rd year from Prayag Sangeet Samiti

EXTRACURRICULARS

- **Piano Playing**, Love western classical and have been performing in musical band *2016-Present*
- **Painting**, *2014-Present*
- **Football**, Was captain of Shastriya Football Club and participate in inter batch tournament *2017-Present*
- **Acting**, Performed at various events as actor *2013-Present*