

MD SAHANAWAZ

OBJECTIVE I want to explore myself as a successful synthetic chemist.

SKILLS As an integral part of my Post Graduate Curriculum at IIT Bombay I have undertaken a year-long Masters' Project in an organic total synthesis lab. I have got expertise in handling various instrumentation like NMR (400 and 500 MHz), ESI-Mass, IR spectrometer to name a few. Alongside I have involved myself in operating different data analysis chemical software like Top-spin, ChemDraw etc.

**RESEARCH
EXPERIENCE**

Project title: "Studies towards chemical synthesis of Mycarose and its derivatives"

Project duration: July 2017- May 2018

Supervisor: Prof. Suvarn S. Kulkarni

Indian Institute of Technology, Bombay

Abstract: Mycarose is a 2,6 di deoxy L-hexose which is found in Tylosin and other Antibiotics. And it is known that L-sugars are naturally not abundant, So Our research involves development of a synthetic methodology to chemically synthesize Mycarose starting from naturally available D-galactose.

EDUCATION

Degree	Institute	Board/University	Year of passing	Marks in %
10th	Naihati Narendra Vidyaniketan	West Bengal Board of secondary Education	2011	84.25
10+2	Naihati Narendra Vidyaniketan	West Bengal Council of Higher secondary Education	2013	81.80
B.Sc.	R K M V C College	West Bengal state University	2016	76.15

M.Sc.	Indian Institute of Technology Bombay	Indian Institute of Technology Bombay	2018	86.30
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ACHIVEMENT

1. Secured AIR-17 in joint CSIR-UGC NET Exam in Chemical Science. (Dec 2017)
2. Secured AIR-262 in GATE Exam. (2018)
3. Secured 1st class with distinction in B.Sc. (Honors) under the West Bengal State University.
4. Placed within top 1% at 12th standard examination of the state level exam.

PARTICIPATION

1. Attended lecture by Nobel Laureate Professor Ei Ichi Neigishi at Ramakrishna Mission Vivekananda Centenary College, Rahara. (2013)
2. Volunteer at Satellite Conference in Chemical Synthesis held at Indian Institute of Technology Bombay.(Dec, 2017)

EXTRA CO-CURRICULAR ACTIVITIES

Besides my own study I would like to disseminate the fundamentals of Chemistry discussing the relevant problems with their most plausible troubleshooting through online forum. I own a YouTube channel where I have more than 150 videos on different aspects of Chemistry and the channel has already earned 60000+ views and 1400+ subscribers within a span of a few months.

Sports. Cricket, Weight lifting

ADDRESS

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REFEREE DETAILS

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