

## CURRICULUM VITAE



### PERSONAL DETAILS

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- NAME: Ayan Kundu
- FATHER'S NAME: Hemanta Kundu
- MOTHER'S NAME: Shibani Kundu
- SEX: Male
- MARITAL STATUS: Single
- DATE OF BIRTH: 01/06/1997
- NATIONALITY: Indian
- ADDRESS (PERMANENT): Vill.- Nabagram (Pirtala), P.O.- Rahimpur, P.S.- Jangipara, Dist.- Hooghly, Pin- 712408, W.B., India.
- PHONE: (Mob. No.): 9734904880/ 7477880333
- EMAIL ID: ayankundu75@ gmail.com
  
- LANGUAGE SKILLS: Bengali, Hindi, English.
  
- LEISURE TIME: Playing cricket, Drawing, Reading story books, Listening music.

## EDUCATIONAL STATUS

Degree	Institute	Board/Council	Year of passing	Subjects taken	Marks obtained (%/CGPA)
Secondary (10 <sup>th</sup> level)	Rahimpur Nabagram High School (Rahimpur, Hooghly)	West Bengal Board of Secondary Education (WBBSE)	2012	Mathematics, Life Sc., Physical Sc., History, Geography, Bengali, English	81.71% (A+)
Higher Secondary (12 <sup>th</sup> level)	Rajbalhat High School (Rajbalhat, Hooghly)	West Bengal Council of Higher Secondary Education (WBCHSE)	2014	Mathematics, Physics, Chemistry, Biology, Bengali, English, ENVS	80.80% (A+)
B.Sc. (Hons.) in Chemistry	Hooghly Mohsin College (Chinsurah, Hooghly, W.B.)	University of Burdwan (BU)	2017	Chemistry(H), Mathematics(G), Physics(G)	61.375% (1 <sup>st</sup> class)
M.Sc. in Chemistry	JADAVPUR UNIVERSITY (Kolkata, India)	JADAVPUR UNIVERSITY (JU)	2020	Chemistry	65.75% (1 <sup>st</sup> class)

## PROJECT SUMMERY

PROJECT TITLE	DESCRIPTION	GUIDE NAME	ABSTRACT OF THE WORK
Synthesis and characterization of Diethyl (1'S,2'S,3'R)-2'-acetyl-5'-hydroxy-1',2',3',6'-tetrahydro-(1,1':3',1''-terphenyl)-2'-4'-dicarboxylate by Knoevenagel condensation followed by Domino-Michael reaction.	M. Sc. project (December, 2019 to May, 2020) Jadavpur university	Professor Dr. Mohabul Alam Mondal	My work was the simple strategy for the synthesis of highly functionalized cyclohexanone derivatives containing an all carbon quaternary center from alpha-(aryl/alkyl) methylene-beta-keto esters via a K-enolate mediated Domino-Michael reaction with good yield and excellent Diastereoselectivity.

## AREA OF INTEREST:

-  BIO-ORGANIC AND SYNTHESIS OF NATURAL MOLECULES.
-  ORGANOMETALLIC COUPLING REACTION AND ASSYMETRIC

SYNTHESIS.

✚ SUPRAMOLECULAR CHEMISTRY

## SEMINARS AND SYMPOSIUM ATTENDED

1. Present a lecture in one day seminar ,organized by Hooghly Mohsin College on 21<sup>st</sup> January,2017. My topic was “Molecular Orbital Theory And Pericyclic Chemistry.”
2. Attended a one day national seminar was organized by department of chemistry of Hooghly Mohsin College on 22 December, 2018.
3. Attended One day “**National Seminar**” which was jointly organized by CAS, JADAVPUR UNIVERSITY, Kolkata, India on 15<sup>th</sup> January, 2020.
4. Slide presentation of my project work in the chemistry department at JADAVPUR UNIVERSITY on 20<sup>th</sup> February,2020

## LAB EXPOSER:

- ✚ Advance organic Chemistry lab (1<sup>st</sup> sem. at JADAVPUR UNIVERSITY)
- ✚ Advance Inorganic Chemistry lab and Physical Chemistry Lab (2nd sem. at JADAVPUR UNIVERSITY )

## SKILLS:

- Experienced in synthesis of organic compounds using different synthetic procedures, reactions in aerobic and anaerobic conditions and Skilled in the interpretation of spectroscopic data (**NMR, IR, UV-vis, Mass Spectrometry**) towards the characterization of unknown compounds.
- Experienced in **FT-IR, UV-vis spectrometer, NMR spectrometer, TLC, Column chromatography.**
- Proficient in **Microsoft word, Excel, Power point, ChemDraw, Origin** etc.

## **SPECIAL ACHIEVEMENTS:**

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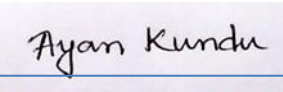
- **MCM** Scholarship [Funded by Govt. of West Bengal] since 2012-2015.
- Qualified in **CSIR NET JUNE- 2022, RANK – 83 ( LS) .**

**EXPERIENCE: 1 YRS 1 MONTHS EXPERIENCE AS A PGT CHEMISTRY IN SRMP NOOTAN GLOBAL SCHOOL (SANKALCHAND PATEL UNIVERSITY CAMPUS) ,VISNAGAR, GUJARAT,384315.**

**8 MONTHS EXPERIENCE AS A PGT CHEMISTRY IN BHAVKUNJ SCHOOL (SVKM CAMPUS), KADI, GUJARAT ( CURRENTLY WORKING IN THIS INSTITUTE).**

## **Declaration:**

I, hereby declare that the above written particulars are true to the best of my knowledge and belief. If given a chance, I will prove my efficiency, my loyalty and willingness to work.



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Ayan Kundu