

# Sanjay Anbunesan

Master of science,  
Department of Chemistry  
B.S. Abdur Rahman Crescent Institute of Science and Technology  
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## Education

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- **Masters of Science (Chemistry)** (2022-Till now)  
B.S. Abdur Rahman Crescent Institute of Science and Technology, Vandalur, Chennai, Tamilnadu, India **Percentage: 68%**
- **Bachelor of Science (Chemistry)** (2019-2022)  
A.V.C College, Mayiladuthurai (affiliated to Bharathidasan University) Tamilnadu, India **Percentage: 67%**

## Research Interest & Carrier Objective

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- Synthetic organic chemistry (Natural products)
- Development and characterization of Nitrogen heterocycles for pharmaceutical application
- Experience in handling and operating various characterization tools like UV visible spectrometer, IR spectrometer, and cyclic voltammetry

## Research Experience

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- **Project student at University of Hyderabad** (February 2024- Till now)  
**Dissertation title:** Synthesis and characterization of biological activity of Heterocyclic compounds
- **Intern at Banaras Hindu University, Uttar Pradesh** (July 2023 - September 2023)  
**Dissertation title:** Synthesis, characterization and electrochemical properties of Metal Hexa Cyanoferrates- Graphene composites (Metal=Co, Ni, Cu, and Zn)

## Experimental Skills

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- **Organic Synthesis:** Development of biologically active organic compounds
- **Characterization techniques:** Column chromatography, Thin Layer chromatography, NMR, IR, and UV-Visible spectroscopy
- **Instruments Handling:** FTIR, UV, and CV
- **Software skills:** Microsoft Office, Origin, Chemdraw and MastreNova

## Workshops and Trainings

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Workshop on Decoding NMR: Principles and Interpretation (14<sup>th</sup> March, 2024), organized by the Drug Chemistry Research Center (DCRC), Madhya Pradesh, India

## Personal Information

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Date of Birth : 04/07/2002  
Age : 22  
Marital Status : Single  
Permanent Address : House No. 2/320, North Madavilagam street, Perambur  
Mayiladuthurai, Tamilnadu-609402, India.  
Nationality : Indian  
Language known : Tamil and English

## References

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**1. Dr. V. Ganesan**

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**3. Dr. S. Aravindhhan**

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