



UMA MAHESWARI M

PROFILE

MSc Chemistry,
Department of Chemistry,
Central University of Tamil Nadu,
Thiruvavur, Tamil Nadu – 610 005

DOB:
20/11/1998

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Female

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ABOUT ME

An Independent and self-motivated individual enthusiastic to learn new things and sincere in the assigned work, strongly desiring to contribute in environmental, medicinal, agricultural and societal development and welfare.

EDUCATION

Qualification	Institution	Year of Passing	Percentage (Out Of 100)
SSLC	Sri Ramakrishna Matriculation Hr. Sec. School	2014	96.8
HSC	Hilton Matriculation Hr. Sec. School	2016	86.8
B.Sc. Chemistry	Shrimati Indira Gandhi College	2019	80.3
M.Sc. Chemistry	Central University of Tamil Nadu	2021	82.7

CSIR SRTP ONLINE INTERNSHIP (JUNE, 2020 - AUGUST, 2020)

- **Title:** “Natural Product and Organic synthesis” under the mentors Dr. P. Pahari, Dr. A. Das, Dr. S. Ghosh – CSIR-NEIST.

FINAL YEAR PROJECT

- **Title:** “Studies on Characterization of Multi-walled Carbon Nanotube supported N-Heterocyclic Carbenes catalytic precursor” under Dr. Vittalbabu Gudimetla.
- **Instruments used:** UV-Vis-NIR Jasco 670 Spectrophotometer, Shimadzu IR Affinity-IS Spectrophotometer.

MAJOR COURSES

- Principles and Applications, Instrumental Methods, Symmetry and Group Theory, Organometallic Chemistry, Advanced Molecular Spectroscopy, Advanced Organic Chemistry I and II, Spectroscopic Methods in Structure Determination, Fuel Cells, Chemistry of Solids and Materials, Chemistry of C-C and C-X Bonds, Chemical Kinetics, Chemistry of s, p, d and f Block Elements, Physical Organic Chemistry, Electrochemistry and Statistical Thermodynamics, Advanced Coordination Chemistry, Quantum Chemistry.
- Advanced Labs in Chemistry.

PERSONAL SKILLS

- Time management
- Decision making
- Leadership quality
- Verbal and non-verbal communication

HARD SKILLS

- Proficient in Microsoft Office, ChemOffice, Chems sketch, libre office, Origin pro, Photoshop.

ACHIEVEMENTS

- Secured Bharathidasan University Rank – 8 (B.Sc. Chemistry)

REFERENCE

Dr. Vittal Babu Gudimetla,
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Central University of Tamil Nadu.
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Dr. V. Rajendiran,
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