

SHAM KUMAR M

FRESHER CHEMIST

shamkumarm47@gmail.com

Graduate in chemistry eager to bring my deep-seated interest and expertise to the chemistry field, with keep focus on a Research and Development career.

EDUCATION

2024



M.Sc Chemistry

Dr. Ambedkar Gov. Arts and Science College, Chennai 78.5%

B.Sc Chemistry

Thiruthangal Nadar Arts and Science College, Chennai 83.5%

2018

2018



HSC in PCM

Don Bosco Hr. Sec School Perambur, Chennai. 78.2%

SSLC in Science

Don Bosco Hr. Sec School Perambur, Chennai. 88.3%

2015

PROJECT



Comparative study of Photocatalytic dye degradation of AR88 dye using ZnO Nano particle as catalyst (Research lab - 3 months duration)

The method to analyze the degradation of dye like AR-88 and catalyst (Nano particles). To calculate its Kinetic properties, pH strength, Absorption, for the purpose of plotting tabular column and Graph also draw spectrum of dye and catalyst by using instruments like UV and FTIR.

INTERNSHIP



CSIR - NML Madras Complex, Taramani (1 Month)

Benefication of coal by Froth flotation process and instrument analysis techniques

To identify the metal compound percentage which present in the mixture of compound by the way of titration method with proper manual guidance. The metal compound like Zn, Fe, Cu..., and learned some instrument working method.

CERTIFICATIONS

- ◆ Inter college Quiz competition 2nd place
- ◆ Inter school Quiz competition 2nd place
- ◆ Inter school volleyball competition 2nd place

PERSONAL DETAILS

S/o. Marimuthu,
D.No. 107/73,
Azagirisamy Street
New Kamaraj Nagar
Chennai - 600 039
+91- 6382998355

PROFESSIONAL SKILLS

- ◆ MS OFFICE
- ◆ Excellence in Chemistry
- ◆ Computer Knowledge
- ◆ HTML and C++

INSTRUMENTAL SKILLS

- Visible spectrometer
- Colorimeter
- pH meter
- UV Visible spectrometer
- FTIR

AREA OF INTEREST

- ❖ Research and Development
- ❖ QC and QA
- ❖ Production
- ❖ Manufacturing
- ❖ JRF and SRF
- ❖ Pharma industry
- ❖ Project Associate

LANGUAGES

- ✧ Tamil
- ✧ English

HOBBIES

- Traveling
- Sports
- Drawing
- Gaming

REFERENCES

Dr. Karthikeyan . M.sc .M.Phil.PhD
(Professor- TNC)

Mrs. Mariammal .M.Sc.M.Phil
(Professor- RMVC)