

PROFILE

S.MADHAVAN,

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Educational qualification:

Sl. No.	Course	Name of the Institution University/Board	Year of passing	Percentage of marks
1.	M.Phil (Chemistry)	D.D.E. Bharathidasan University, Trichy.	Dec 2007	68%
2.	M.Sc (Chemistry)	A.V.C.College, Mayiladuthurai, Bharathidasan University.	April 2004	70%
3.	B.Sc (Chemistry)	A.V.C.College, Mayiladuthurai, Bharathidasan University.	April 2002	58%
4.	H.S.C	K.M.Hr.Sec.School, Mayiladuthurai.	March 1998	53%
5.	S.S.L.C	Govt.Hr.Sec.School, Vaitheeswarankoil.	March 1996	60%

Computer Skills : D.C.A., (Diploma in Computer Application) MS-Access, MS-Office, Windows 2000

ACADEMIC PROJECT in M.Phil.

Title : **A STUDY ON SOLUTION GROWTH AND SPECTRAL CHARACTERIZATION OF ORGANIC MATERIAL-TRANS- β -PHENYL ACRYLIC ACID.**

Project Description :

In this Project, the solubility of cinnamic acid (trans- β -phenyl acrylic acid) in CHCl_3 was determined at various temperatures. The grown crystals of cinnamic acid were carefully harvested and subjected to various characterization studies viz UV, FTIR, NMR and X-ray diffraction studies. The results are suitably interpreted, to know the applicability of grown crystal.

Project Location : **A.V.C. COLLEGE (AUTONOMOUS)
MAYILADUTHURAI.**

ACADEMIC PROJECT in M.Sc.

Title : **PRODUCTION OF POTABLE WATER
FROM SEA WATER BY REVERSE
OSMOSIS PROCESS.**

Project Description :

In this Project , the efficiency of Ro Plant in PPN combined cycle power plant was observed and analyzed for the conversion of sea water to potable water. The impurities present in the water were found with in the allowed specification. The water, so analyzed was judged to be excellent for drinking purpose and the mineral values were found to be with in the limits as prescribed by WHO (World Health Organization).

Project Location : **P.P.N Power Generating Company,
Thirukkadaiyur.**

Experience (Industry) : From 03.10.2005 to 02.10.2006 I have worked as a **Chemist Trainee** in **Balmer Lawrie & Co Ltd.,** (A Government of India Enterprise) at Product Development Center, Manali. **Chennai.**

From March 2008 to December 2012 I was working as a Quality assurance in **Metecno India Pvt Ltd. Chennai.**

Experience (Teaching) : From 02.01.2013 to till date working as a Assistant Professor of Chemistry **A.V.C College (Autonomous)**

Seminars / Workshop Participation

1. Participated in the UGC aided workshop on “**Microscale Experiments in Chemistry**”, Organised by the PG & Research Department of Chemistry, AVC College (Autonomous), Mannampandal on 07th October 2014.

2. Attended seminar on UGC sponsored National Seminar on **Emerging Trends in Chemistry**, organized by Department of Chemistry, AVC College (Autonomous), Mannampandal on 13th & 14th March 2014.
3. Participated in the science Academies Lecture workshop on “**Chemistry-Current Focus**” Organised by the PG & Research Department of Chemistry, AVC College (Autonomous), Mannampandal on 27th & 28th February 2017.

Personal Details

Father's Name	:	M. Selvaraj
Date of Birth	:	29.07.1981
Sex	:	Male
Religion	:	Hindu
Nationality	:	Indian
Marital Status	:	Single
Language Known	:	Tamil, English