



# TRICHY ENGINEERING COLLEGE

(Sivagnanam Nagar, Konalai, Tiruchirappalli - 621132.)

(Affiliated to Anna University, Chennai)

(Approved by AICTE, New Delhi)



## FACULTY PROFILE

<b>Name of the Staff</b>	Dr.M.MAHABOOB BEEVI	<b>Position held:</b>	PROFESSOR AND HEAD
<b>Department:</b>	PHYSICS	<b>Job Code/ Req#:</b>	10079
<b>Contact no:</b>	09789535618	<b>Date of joining in this institution:</b>	05.10.1998
<b>Year of Arts/science/polytechnic Experience:</b>	Nil	<b>Year of Engineering Experience:</b>	16 YEARS 6 MONTHS
<b>Email Address:</b>	mahaboobmohamed77@gmail.com, beevi75@yahoo.co.in.		
<b>Website URL:</b>			
<b>Area of Specialization:</b>	Materials Science, Crystal Growth, Nanomaterials Synthesis and Characterization, Thin Films.		
<b>Address for communication: Permanent Address</b>		<b>Temporary Address</b>	
Dr.M.Mahaboob Beevi, Professor and Head, Department of Physics, Trichy Engineering College, Sivagnanam Nagar, Konalai, Trichy, Tamilnadu, INDIA – 621132.		Dr.M.Mahaboob Beevi, Professor and Head, Department of Physics, Trichy Engineering College, Sivagnanam Nagar, Konalai, Trichy, Tamilnadu, INDIA – 621132.	
<b>Publication Details National/International Journals:</b>			
1. Thiyagarajan.R, Anusuya.M and Mahaboob Beevi.M, “ Study of Structural and Mechanical Properties of Zirconium doped Cadmium Sulphide Thin films”, Journal of American Science, 2009:5(3)26-30.			
2. Thiyagarajan.R, Mahaboob Beevi . Mand Anusuya.M, Preparation and Characterization of Aluminium doped Zirconium Sulphide Thin films”, The Pacific Journal of Science and Technology, Vol.10, No.1, 2009, 423-427.			
3. Thiyagarajan.R, Anusuya.M and Mahaboob Beevi.M, “Optical, Structural and Mechanical Studies of Al doped Cadmium Sulphide Thin films”, e-Proceedings of World Scientific Book Series, Mechanical and Electronics Engineering, World Scientific Press, Singapore, Vol.23, 2009, 215-218.			
4. Ezugwu.S.C, Ezema.F.I, Osuji.R.U, AsogwaP.U, Ezekoye.B.A, Ekwealor.A.B.C, Chigbo.C, Anusuya.M, Mahaboob Beevi.M, “Optical Studies of Chemically deposited PVA capped PbS			

nanoparticle Thin film”, Optoelectronics and Advanced Materials-Rapid Communications, Vol.3, Issue 6, 2009, 528-532.

5. Thiyagarajan.R, Anusuya.M and Mahaboob Beevi.M, “ Mechanical Characterization of Spray Pyrolytic Cadmium Sulphide Thin films by Indentaion Technique”, Journal of American Science, 2009:5(6):6-12.
6. Thiyagarajan. R., Mahaboob Beevi .M and Anusuya.M , “Nano Structural Characteristics of Zirconium Sulphide Thin films”, Journal of American Science, 2009:5(6):51-56.
7. Mahaboob Beevi. M., Anusuya. M and Saravanan. V., “Characterization of CdO Thin Films Prepared by SILAR Deposition Technique”, International Journal of Chemical Engineering and Applications, Vol.1, No.2, August 2010, Pg.151-154.
8. Thiagarajan .R., Mahaboob Beevi. M., Anusuya .M and Ramesh. T., “Influence of reactant concentration on nano crystalline PbS thin films prepared by Chemical Spray Pyrolysis”, Optoelectronics and Advanced Materials –Rapid Communications, Vol 6, No.1-2, January-February 2012, p.140-143.
9. Thiyagarajan.R, Anusuya.M and Mahaboob Beevi.M, “Comparative Study of Cadmium Sulphide and Aluminium Doped Cadmium Sulphide Films by Spray Technique”, Indian Journal of Engineering, Science and Technology, 2009, Vol.3, No.1, 71-75.
10. Thiyagarajan.R, Anusuya.M and Mahaboob Beevi.M, “Micro hardness Studies of Doped Cadmium Sulphide Thin films”, Advances in Applied Research, Vol.2, No.1, 2010, 14-19.

#### **Paper Presented National/International Conference:**

1. Mahaboob Beevi .M., “XRD STUDIES OF MICRO AND NANO CRYSTALLINE THINFILMS”, Proceedings of International Conference on Nano Science and Nano Technology, Conducted by Madras University, Chennai from 26-28, AUG 2006.
2. Mahaboob Beevi .M.,” CHARACTERISTICS STUDIES OF CADMIUM OXIDE THINFILM FORMED BY SPRAY PYROLYSIS TECHNIQUE” Proceedings of International Conference on Society Of Ionic Devices”, Conducted by Anna University, Chennai,from 07-09, DEC 2006.
3. Mahaboob Beevi .M.,” MECHANICAL PROPERTIES OF ZEOLITE THIN FILMS” Proceedings of International Conference on Nano Materials And Its Applications “Conducted by National Institute Of Technology, Trichy.
4. Mahaboob Beevi .M.,” OPTICAL PROPERTIES OF ZIRCONIUM SULPHIDE DOPED WITH ALUMINIUM THIN FILM FORMED BY SPRAY PYROLYSIS ” Proceedings of International Conference on Precision, Meso, Micro And Nano Engineering Conducted by College Of Engineering, Trivandrum from 13-14, DEC 2007.
5. Mahaboob Beevi .M.,” DIELECTRIC PROPERTIES OF ALUMINIUM DOPED ZIRCONIUM SULPHIDE THIN FILMS FORMED BY CONVENTIONAL SPRAY PYROLYSIS”, Proceedings of International Conference on Nano And Microelectronics ,Conducted by Pondicherry Engineering College, Puducherry from 03-05, JAN 2008.
6. Mahaboob Beevi .M.,” STRUCTURAL AND OPTICAL PROPERTIES OF MOLARTY BASED ZnO THIN FILMS”, Proceedings of International Conference on Recent Trends In Advanced Materials , Conducted by VELLORE INSTITUTE OF TECHNOLOGY, VELLORE from 20-22, FEB 2011.

**Workshop Attended/ FDP Attended/ Guest Lecturer Attended /Seminar Attended:**

DATE	ORGANISED BY	TITLE OF THE WORKSHOP
02-03, DEC 2004	MOTHER THERESA WOMEN'S UNIVERSITY, KODAIKANAL	MID TERM WORKSHOP AND PUBLIC APPRAISAL FOR RESEARCH SCHOLARS.
28, SEP 2005	JAMAL MOHAMED COLLEGE, TRICHY	RECENT ADVANCES IN THIN FILM TECHNOLOGY.
25,FEB, 2007	LEO COUNCIL DIST – 324 A2,VEDARANYAM	LEO MEET “KONDATTAM”.
29, SEP,2007	TRICHY ENGINEERING COLLEGE, TRICHY	LASERS AND ITS APPLICATIONS.
14,OCT 2007	INTERNATIONAL LIONS CLUBS DIST 324 A2	ROAD SAFETY AWARENESS RALLY AND SEMINAR.
07-08,DEC 2007	NATIONAL INSTITUTE OF TECHNOLOGY, TRICHY	NATIONAL SEMINAR ON SENSOR AND ITS APPLICATIONS.
08-20, JUNE 2009	NATIONAL INSTITUTE OF TECHNOLOGY, TRICHY	RECENT TRENDS IN CORROSION CONTROL AND SURFACE ENGINEERING.
25, SEP 2009	TRICHY ENGINEERING COLLEGE, TRICHY	LABVIEW SOFTWARE.
27-28, FEB 2010	CENTRE FOR NANOSCIENCE AND NANOTECHNOLOGY, SCHOOL OF PHYSICS, BHARATHIDASAN UNIVERSITY, TRICHY	AWARENESS PROGRAMME ON NANOTECHNOLOGY.
09-10,APRIL 2010	SCHOOL OF PHYSICS, BHARATHIDASAN UNIVERSITY, TRICHY	WORKSHOP ON RADIOLOGICAL SAFETY FOR MEDICAL PHYSICISTS.
26-30	NATIONAL INSTITUTE OF TECHNOLOGY, TRICHY	MEMS AND ITS CAD TOOLS.
21 <sup>st</sup> MAR 2011	TRICHY ENGINEERING COLLEGE, LIPTA, TRICHY	ONE DAY FACULTY DEVELOPMENT PROGRAMME ON CLOUD COMPUTING.
4-5 NOV 2011	NATIONAL INSTITUTE OF TECHNOLOGY, TRICHY	BRNS SPONSORED WORKSHOP ON ELECTRON MICROSCOPY.

**Book Published:**

1. Engineering Physics I [First Edition-2005]
2. Physics Laboratory Manual [First Edition-2005]

**Membership to professional Organization/Associations:****Name of the Organization:****Life Member/Ordinary Member:**