

FACULTY PROFILE

Name (Capital Letters) : Dr. M. GUNASEKARAN
Designation : Assistant Professor (Senior scale)
Department : Physics (Science and Humanities)
Mail Id : mgunat75@gmail.com

Education Qualification :

Degree	Specialization	University	Awarded Year
B.Sc.	Physics	University of Madras	1998
M.Sc.	Physics	Bharathiar University	2000
M. Phil.	Physics	Anna University	2001
Ph.D.	Solar cell	Anna university	2007

Professional Experience:

Name of the Company / Institutions	Designation	Duration		Experience in Years
		From	To	
Anna University (Anna University Regional Campus Tirunelveli)	Assistant Professor (Senior Scale)	01.06.2013	-	7 years 5 months
Anna University (Anna University Regional Campus Tirunelveli & Erstwhile Anna University of Technology, Tirunelveli)	Assistant Professor	01.09.2008	31.05.2013	4 year 8 months
Jeppiaar Engineering College, Chennai	Lecturer	09.08.2006	27.02.2008	1 year 6 months

Area of Specialization:

- Semiconductor Thin films for solar cell applications
- Crystal growth (organic and inorganic nonlinear optical materials)
- Bioenergy (Hydrogen) generation from Waste Biomass

Academic / Additional Responsibilities:

Position	Period	Name of the Institute
Director Research	14.09.2009 to 13.09.2010	Anna University of Technology, Tirunelveli
Controller of Examinations (Incharge)	14.09.2010 to 31.06.2012	Anna University of Technology, Tirunelveli
Head of the department (Physics)	14.09.2010 To 31.07.2014	Anna University Regional campus, Tirunelveli
Zonal Officer (Zone 20)	01.04.2014 to 25.07.2014	Anna University Chennai
Zonal Officer (Zone 20)	01.12.2014 to 04.09.2019	Anna University Chennai
Zonal coordinator (Zone 20)	05.09.2019 onwards	Anna University Chennai

Committee Member: (Representation in any Committee)

Sl. No.	Activity	University	Position	Period
1	Board of studies	National Engineering College, Kovilpatti	Member	2019
2	Board of studies (S&H)	Anna University, Chennai	Member	2016-2019
3	Board of studies, Subcommittee (Physics)	Anna University, Chennai	Member	2017
4	Board of studies, Anna University Nominee at National Engineering College, Kovilpatti	Anna University, Chennai	University Nominee	2015-2017
5	University Purchase committee	Anna University of Technology, Tirunelveli	Member	2010 - 2011
6	Board of studies (S&H)	Anna University of Technology, Tirunelveli	Member	209 - 2011
7	Statutes of University	Anna University of Technology, Tirunelveli	Member	2010
8	Admission Committee	Anna University of Technology, Tirunelveli	Member	2009
9	Ph.D. Expert selection committee	Anna University of Technology, Tirunelveli	Expert	2008

Professional Membership:

Indian Society for Technical Education - Life member

Research Guidance (mention the total count in each)

i. Ph.D: 2 (completed), 1 (ongoing)

Publications (National/International):

International : 53

Conferences (National/International)

Book / Chapter:

1. Properties of matter and acoustics

2. Food waste to valuable resources Applications and Management, Edited Book, Elsevier, Academic Press.

Expert Lecture Delivered: 2

Short Term Courses, Seminars, Workshop

Organized : 2

Attended : 15

Research Projects (ongoing/completed provide details in separate table):

Name of the Project :	Preparation of compound semiconductor thin films for solar cell applications), (Principal Investigator)
Funding Agency :	DST
Amount Sanctioned :	Rs. 18,24.200/-
Duration of the Project :	2010-2013
Name of the Project :	A study of the existing co-treatment of fecal sludge in the sewage treatment plant at Ukkadam, Coimbatore and upgradation of lab for the analysis of fecal sludge" (Co principal investigator).
Funding Agency :	Deutsche Gesellschaft fur Internationale Zusammenarbeit (GIZ)
Amount Sanctioned :	Euro : 85,000
Duration of the Project :	2019-2021
Name of the Project :	A novel integrated biorefinery for conversion of lingocellulosic agro waste into value added products and bioenergy (biohydrogen and methane), (Co principal investigator).
Funding Agency :	DBT
Amount Sanctioned :	Rs: 60,98,800/-
Duration of the Project :	2019-2021

Consultancy Projects (ongoing/completed provide details in separate table):

Name of the Project :	
Funding Agency :	
Amount Sanctioned :	
Duration of the Project :	

Patents:

Type	National	International
Details		

Honors / Awards:

1. Japanese Government (Monbukagakusho) Scholarship - Nagoya Institute of Technology, Japan. (Prof. Masaya Ichimura)
2. Brain Korea Twenty First Century (BK21), Sungkyunkwan University, South Korea. (Prof. Junsin Yi)
3. Best out going student in M.Sc.1999-2000, Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore.
4. Best paper award by ISPA- Won Second Prize in Oral Presentation Indian Spectro Physics Association (ISPA) held at Pachiyappa's College, Chennai-600 030