

Profile

Name: Dr.M.C. Rao



Designation: Professor of Physics

Department: Physics

Date of Birth: 15-05-1971

E-Mail ID: raomc72@gamil.com

Education:

Details	Year	Institution	Percentage/Grade
UG	1991	Andhra Loyola College, Vijayawada	First Class with Distinction
PG	1994	Sri Venkateswara University, Tirupati	First Class with Distinction
M.Phil.	1999	Sri Venkateswara University, Tirupati	First Class with Distinction
Ph.D.	2008	Sri Venkateswara University, Tirupati	

Experience:

Period	Designation	Institution/Organization
1998-2011	Assistant Professor	Andhra Loyola College, Vijayawada
2011-2014	Associate Professor	Andhra Loyola College, Vijayawada
2014 - till date	Professor	Andhra Loyola College, Vijayawada

Courses Taught:

Year	Title(s) of the Courses
2017-2018	Wave Optics, Thermal Physics
2018-2019	Wave Optics, Thermal Physics
2019-2020	Atomic, Molecular and Nuclear Physics, Thermal Physics
2020-2021	Atomic, Molecular and Nuclear Physics, Thermal Physics, Solar Energy
2021-2022	Heat & Thermodynamics, Modern Physics, Electricity, Magnetism & Electronics
2022-2023	Heat & Thermodynamics, Modern Physics, Electricity, Magnetism & Electronics

Research Profile:

Research Area: Thin Films, Solid State Spectroscopy, Polymer Films, Nanoparticle Synthesis, Phosphors, Photocatalysis, Water Purification

Research Publications: <https://scholar.google.co.in/citations?user=AEVrEMUAAA&hl=en> (Google Scholar)
<https://www.scopus.com/authid/detail.uri?authorId=35173694100> (Scopus)

Patents, if any : https://docs.google.com/document/d/1I6PK6LgLNRSsCbzwaQ0S-y8OSUg-fiVE/edit?usp=drive_link&oid=11704400002371025086&rtpof=true&sd=true
Google Scholar <https://scholar.google.co.in/citations?user=AEVrEMUAAA&hl=en>
SCOPUS ID: 35173694100
ORCID ID: 0000-0001-9136-9679 <https://orcid.org/0000-0001-9136-9679>

Research Guideship:

Year	Number of Scholars	University	Pursuing/Completed
2017-2018	05	Krishna University, Machilipatnam	03/02
2018-2019	03	Krishna University, Machilipatnam	01/02
2019-2020	05	Krishna University, Machilipatnam	04/01
2020-2021	04	Krishna University, Machilipatnam	04
2021-2022	04	Krishna University, Machilipatnam	04
2022-2023	04	Krishna University, Machilipatnam	04

Professional Development Activities – Participations

Details of FDP/PDP/Seminars/Conferences etc.

Year	Programme	Number
2017-2018	Seminars/Conferences	06
2018-2019	Seminars/Conferences	06
2019-2020	Seminars/Conferences	06
2020-2021	FDP/Seminars/Conferences	01/03
2021-2022	FDP/Seminars/Conferences	01/03
2022-2023	FDP/Seminars/Conferences	02/03

Awards/Achievements:

Year	Nature of the Award Regional/National/International	Awarded by
2017-2018		
2018-2019	Life Time Achievement Award/Regional	Chemical Science Review and Letters, Salem, Tamilnadu, India
2019-2020	Life Time Achievement Award/Regional	Indo Global Events, Pune, India
2020-2021		
2021-2022		
2022-2023		

Research Recognition

Ranked among the top 2% of Scientists of Physics in the World by Scopus/Elsevier Journals in collaboration with Stanford University, USA, in 2020, 2021 and 2022