


**FACULTY INFORMATION**  
**PERSONAL INFORMATION**

<b>Name</b>	Dr. Devi Radhika	
<b>Designation</b>	Assistant Professor	
<b>Official Email ID</b>	<a href="mailto:r.devi@jainuniversity.ac.in">r.devi@jainuniversity.ac.in</a>	
<b>Academic Experience</b>	5 years	
<b>Industry Experience</b>	NIL	
<b>Core Discipline</b>	Chemistry	
<b>Specialization</b>	General chemistry	
<b>Research Interest</b>	Nanomaterials - Electrochemical and Biological applications	

**PROFESSIONAL QUALIFICATION**

Qualification / Discipline (Start with UG degree)	Year of Passing	Institution
Ph.D. (Chemistry)	2015	Karunya University, Coimbatore
M.Sc. (Chemistry)	2010	Karunya University, Coimbatore
B.Sc. (Chemistry)	2008	SSBN Degree College, Anantapur
PGDCA (Part Time)	2007	UICT, Anantapur

**SUMMARY OF RESEARCH PUBLICATIONS****INTERNATIONAL JOURNALS**

Journal Name	Date, Volume & Issue No/DOI	Paper Title
Advances in Colloid and Interface Science	2020, 281, 102178	Nanostructured metal oxides and its hybrids for photocatalytic and biomedical applications.
Materials Technology - Advanced Performance Materials	2020	Structural and functional properties of rare earth based (NiO - CGO) nanocomposite by effective multiple doping approach via co-precipitation.
International Journal of Environmental Analytical Chemistry	2020	Facile fabrication of CuO nanoparticles via microwave - assisted method - photocatalytic, antimicrobial and anticancer enhancing performance.
Inorganic Chemistry Communications	2020, 113, 107755	Structural studies of bio - mediated NiO nanoparticles for photocatalytic and antibacterial activities.
Materials Research Innovation	2019	Cost - Effective method of Co-doped rare earth - based ceria (Y - CGO) nanocomposite as electrolyte for LT - SOFCs using C - TAB as surfactant.
Materials Research Innovation	2019	Facile low - temperature synthesis and application as superior cathode for LT - SOFCs using C - TAB as surfactant.
Issues of Chemistry and Chemical Technology	2019, 3, 30 - 34	Hydrothermally synthesized carbon nanotubes for electrochemical hydrogen storage application.
International Journal of Industrial Chemistry	2013, 4.18	Low temperature preparation and characterization of doped BaCeO <sub>3</sub> nanoparticles by chemical precipitation.
Spectrochimica Acta Part A - Molecular and Biomolecular Spectroscopy	2012, 98	The influence of B - cyclodextrin encapsulation on the binding of 2 - hydroxy flavanone with calf thymus DNA.

**SUMMARY OF CONFERENCES PARTICIPATED****INTERNATIONAL CONFERENCES**

Name of the Conference	Organizer, Place	Year
International Conference on Recent Advances in Applied Sciences (ICRAAS)	Reva University, Bangalore	2019
International Conference on Innovation and challenges in science and Technology (ICICST)	Don Bosco Institute of Technology , Bangalore	2018

**NATIONAL CONFERENCES**

Name of the Conference	Organizer, Place	Year
------------------------	------------------	------

2 <sup>nd</sup> National Conference on Material science and Application	SJB Institute of Technology	2019
1 Day National Conference on Recent Trends in Plant Science (RTPS)	KLE's Society's G I Bagewadi Arts, Science & Commerce College, Nipani	2019
National Level Conference on Emerging Trends in Food Technology & Advance Chemistry	Jain (Deemed-to-be University)	2019
RSRI Conference on Materials and Computational Intelligence	Shree Rayeshwar Institute of Engineering & Information Technology, Goa, India	2018
National Conference on Material science and Application	SJB Institute of Technology	2018
Recent Advances in Chemical and Materials Science	Jain (Deemed-to-be University)	2018

#### AWARDS / HONORS / ACHIEVEMENTS

Nature	Year	Awarding Institution
Honored as Chief Guest at Annual Science Exhibition	2019	Jainhind International School
Awarded as a Very Good IAESTE Trainee from the Department of Computational Chemistry	2010	KNUST, Ghana

#### PAST POSITIONS HELD BEFORE PRESENT ASSIGNMENT

Designation	From - To	Institution / Organization
Assistant professor	August 2015 - November 2016	Vivekananda College of Arts and Sciences for Women, Tiruchengoede

#### POSITIONS HELD IN THE PRESENT ORGANIZATION

Designation	From - To	Institution / Organization
Assistant professor	Aug 2017- till date	Jain (Deemed-to-be University), Faculty of Engineering and Technology