

PERSONAL DETAILS:

Name : Dr. ARADHANA .N
Date of Birth : 08-09-1983
Sex : FEMALE
Marital status : MARRIED
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**SERVICE DETAILS**

DEPARTMENT & DESIGNATION	DEPARTMENT OF CHEMISTRY ASSISTANT PROFESSOR	DATE OF APPOINTMENT:12-10-2015
		DATE OF RETIREMENT:30-09-2043

ACADAMIC QUALIFICATIONS

COURSE	INSTITUTION	SUBJECT /TOPIC	YEAR OF AWARD
SSLC	Govt. V.H.S.S. MULLERIA, KASARAGOD		1999
HIGHER SECONDARY EXAMINATION	H.H.S.I.B.S. HIGHER SECONDARY SCHOOL, EDNEER, KASARAGOD	PCMB	2001
B.SC	GOVT. COLLEGE, KASARAGOD	CHEMISTRY	2004
M.SC.	MYSORE UNIVERSITY	CHEMISTRY	2006
M.PHIL	MYSORE UNIVERSITY	CHEMISTRY	2007
Ph.D	MYSORE UNIVERSITY	CHEMISTRY	2014

PUBLICATIONS

1. P. Nagaraja, **N. Aradhana**, A. Suma, N. A. Chamaraja, A. Shivakumar, K. V. Ramya, "Amaranth dye in the evaluation of bleaching of cerium (IV) by antioxidants: Application in food and medicinal plants" *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, **2012**, **95**, 505–510.
2. P. Nagaraja, **N. Aradhana**, A. Suma, A. Shivakumar, N. A. Chamaraja "Quantification of Antioxidants by using Chlorpromazine Hydrochloride: Application of the Method to Food and Medicinal Plant Samples" *Analytical Sciences*, **2014**, **30**, 251-256.
3. P. Nagaraja, **N. Aradhana**, A. Shivakumar, A. K. Shrestha, A. K. Gowda, Spectrophotometric method for the determination of Cr(VI) in water samples, *Environ. Monit. Assess.*, **2009**, **157**, 575-582.
4. A. Shivakumar, P. Nagaraja, **N. Aradhana**, Avinash. K. Gowda, Kinetic Study of Peroxidase-Catalyzed Coupling of Paraphenylenediamine and N-1-naphthylethylenediamine: Development of Micromolar Hydrogen peroxide Reaction System, *Helv. Chim. Acta*, **2010**, **93**, 1227–1237.
5. P. Nagaraja A. Suma, **N. Aradhana**, A. Shivakumar, K. Avinash, H. Krishna "Quantification of Antioxidants in Medicinal Plants and Foodstuffs Using Ce(IV) with Indigo Carmine as Chromogenic Probe" *Food Analytical Methods*, **2012**, **5**, 909-919.
6. H. Krishna, P. Nagaraja, A. Shivakumar, N. A. Chamaraja, **N. Aradhana** "Quantification and evaluation of kinetic bio-catalytic pathway of horseradish peroxidase in an electron mediated reaction system and its applications in plant extracts" *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, **2013**, **102**, 75–81.
7. A. Suma, P. Nagaraja, **N. Aradhana** "Estimation of Gallic Acid Using Vanadium(V)–Eriochrome Cyanine-R System and Application to Some Herbal Plants, Fruit Juices and Wine Samples" *Chemical Science Transactions*, **2014**, **3**, 410-416.

SEMINARS/CONFERENCES/WORKSHOPS

1. ATTENDED (WITHOUT PRESENTATION)

Thrust area	Organiser	Duration		
		From	To	Days
NATIONAL WORKSHOP ON MICRSCALE EXPERIMENTS IN CHEMISTRY	PAZHASSI RAJA NSS COLLEGE, MATTANUR	5-12-2015		1
RECENT ADVANCES IN CHEMISTRY	Govt. BRENNEN COLLEGE, THALASSERY	14-12-2015	15-12-2015	2
RECENT CHALLENGES AND PRGRESSES IN CHEMISTRY	Govt. COLLEGE, KASARAGOD	8-12-2016	9-12-2016	2

2. ATTENDED WITH PAPER PRESENTATION

Thrust area & Title of the Paper	Organiser	Duration		
		From	To	Days
RECENT CHALLENGES AND PRGRESSES IN CHEMISTRY	Govt. COLLEGE , KASARAGOD	10-12-2015	11-12-2015	2
NATIONAL CONFERENCE ON EMERGING RESEARCH TRENDS IN CHEMISTRY	PAYYANUR COLLEGE	6-1-2016	8-1-2016	3

REFRESHER & ORIENTATION COURSES

Thrust area	Organiser	Duration		
		From	To	Days
REFRESHER COURSE	HRD CENTRE, KANNUR UNIVERSITY	1-3-2017	21-3-2017	21

OTHER RELATED ACTIVITIES

Position	Activity & Organisation	Year (From - To)	Duration
OUTSIDE THE CAMPUS			
Member	Prof. KTK Foundation, Payyanur	2017	Onwards
Jury	Hosdurg Sub district level School Science Fest	21-10-2016	1 day
Jury	Bekal Sub district level School Science Fest	28-10-2016	1 day
Jury	Kannur District level School Science Fest	11-11-2016	1 day
Jury	Kasaragod District level School Science Fest	11-11-2017	1 day
ON THE CAMPUS			
Class Tutor	I BSc Chemistry	2015	onwards
Member	Internal examination committee	2016-2017	1 year
Member	Tutorial committee	2017-2018	1 year

Previous Experience:

	Organization	Designation	Duration
1	University of Mysore	Chemistry Guest Faculty	August 2009 to December 2010
2	Vivekananda College, Puttur, Karnataka	Chemistry Faculty	December 2007 to April 2009