


Faculty Profile

Name : NAGARAJA A M		
Designation	Assistant Professor	
Department	Physics	
Address (Campus)	Government College for Women, Kolar	
(Residence)	No. 454/1 Konadasapura Budigere cross. Bangalore-560049.	
Date of Birth	20/07/1972	
Date of Appointment	28/01/2008	
Mobile	9141715274	
E-mail	amnagaraja@yahoo.com	

Educational Qualifications :

Sr. No	Degree	Name of the Institution / University	Year of Passing	Percentage
01	B Sc	GFGC Chintamani	1993	66.18
02	M Sc	Bangalore University	1995	66.20
03	M Phil	M S University Tamilnadu	2005	65.00

SLET/NET Details :

Sr. No	SLET/ NET	Name fo the University	Year of Passing	Register Number

Teaching Experience:

Sr. No	Name and Address of the Institution	Subject	Date (From – To)	Total Years and Months
01	Government College for women, Kolar	Physics	28/01/2008-till date	13 years
Total Experience (Completed Years)				13 years

Research Experience:

Sr. No	Year	Number of M.Phil / Ph.D Guided	Subject

BOS/BOE Details:

Sr. No	Name of the University / Autonomous College	Subject	BOS / BOE	Chairperson / Member	Year

• **Orientation Programme Attended:**

Sr. No	Name of the University	Date (From – To)	Place
01	BANGALORE UNIVERSITY	26/05/2008 - 21/06/2008	UGC-HRDC BU, Bangalore

• **Refresher Course Attended:**

Sr. No	Name of the University	Date (From – To)	Place
01	BANGALORE UNIVERSITY	20/12/2010 - 10/01/2011	UGC-HRDC BU, Bangalore
02	BANGALORE UNIVERSITY	18/01/2018 - 08/02/2018	UGC-HRDC BU, Bangalore
03	BANGALORE UNIVERSITY	27/01/2020 - 08/02/2020	UGC-HRDC BU, Bangalore

• **Short Term Course Attended:**

Sr. No	Name of the University	Date (From – To)	Place
01	Gujarat University	23/07/2020 - 29/07/2020	UGC-HRDC Ahmedabad(online)

• **Faculty Development Programme Attended:**

Sr. No	Name of the University	Date (From – To)	Place
1	MHRD-PMMNMTT University of Delhi	02/07/2020 - 17/07/2020	Delhi(online)

Publications:

Books :

Sr. No	Title of Book	Name of the Publisher	ISBN No.	Author / Co-Author	Year

In Indexed/ Peer Reviewed Journals:

Sr. No	Title of Publication	Name of the Journal	ISSN No.	Author / Co-Author	Year

01	Semi-empirical formula for alpha and cluster decay half-lives of superheavy nuclei	World Scientific Publishing Company Modern Physics Letters A 2050016	0217-7323	H. C. Manjunatha N. Sowmya and A. M. Nagaraja	2019
02	Systematics of ^{12}C emission from superheavy nuclei	Bulgarian Journal of Physics (Bulg. J. Phys. 46 (2019) 202–213)	1314-2666	A.M.Nagaraja, H.C. Manjunatha, K.N. Sridhar, Alfred Cecil Raj,	2019
03	Cluster radioactivity in superheavy nuclei $^{299-302}_{120}$	Indian Journal of pure and applied Physics. 58(207-212)2020.	0975-1041	Nagaraja. A.M, N. Sowmya, H.C.Manjunatha, S. Alfred Cecil Raj	2020
04	Cluster radioactivity of superheavy nuclei 290–310 using different proximity functions	European physical Journal Plus (Eur. Phys. J. Plus (2020) 135:814)	21905444	A. M. Nagaraja, H. C. Manjunatha, N. Sowmya, N. Manjunath, S. Alfred Cecil Raj	2020
05	Cluster Radioactivity in Super-Heavy Nuclei 299-306	Journal of Nuclear Physics, Material Sciences, Radiation and Applications J. Nucl. Phys. Mat. Sci. Rad. A. Vol. 8, No. 1 (2020), pp.55–63	2321-8649	H.C. Manjunatha S. Alfred Cecil Raj, A.M. Nagaraja and N. Sowmya	2020

- **Articles:**

Sr. No	Topic of Articles	Name of the Magazine	Year of Publication

- **State Level Seminar**

Sr. No	Theme of the Seminar	Place	Date/Duration	Paper Presented/ Participated
01	UGC Sponsored State Level Seminar on Smart Materials	SJRC College of Science, Arts and Commerce, Bangalore	24 th January 2013	Participated

- **National Level Seminar:**

Sr. No	Theme of the Seminar	Place	Date/Duration	Paper Presented/ Participated
01	Ancient Dynasties in Kolar(undivided) District: Their Contributions and Perspectives of Tourism	GCW Chintamani	February 17-18, 2017	Paper presented
02	Environmental Monitoring Impact Assesment and Management(NCEMIAM-2019)	SSN College of Engineering, CHENNAI.	16 th March 2019	Paper presented

- International Seminar:**

Sr. No	Theme of the Seminar	Place	Date/Duration	Paper Presented/Participated

- State Level Conference:**

Sr. No	Theme of the Conference	Place	Date/Duration	Paper Presented/Participated

- National Level Conference/Symposium:**

Sr. No	Theme of the Conference	Place	Date/Duration	Paper Presented/Participated
01	National conference on Global Climate Change : Perspectives and Challenges (NCGCC-2011)	Kuvempu University Shankaraghatta	March 23-24, 2011	Paper presented
02	National conference on Innovative Technology to Combat Climate Change in India	Sri Bhagavan Mahaveer Jain College, K G F	3 rd March 2017	Paper presented
03	National conference on Radiation Physics & Its Applications in Material Science & Medicine.	GCW Kolar	6 th April 2018	Paper presented
04	22 nd National Symposium on Radiation Physics (NSRP-22)	Jawaharlal Nehru University, New Delhi, India.	November 8-10, 2019	Paper presented
05	14 th Biennial DAE_BRNS Symposium on Nuclear and Radiation Chemistry (NUCAR-2019)	BARC- Mumbai	January 15-19, 2019	Paper presented

- International Level Conference/Symposium:**

Sr. No	Theme of the Conference	Place	Date/Duration	Paper Presented/Participated
01	International Conference on Mathematical Modeling and Nonlinear Equations	BNMIT Bangalore	January 20-22, 2010	Paper presented
02	International Conference on New Frontiers in Nuclear physics (ICNFNP 2019)	BHU. Varanasi.	October 14-17, 2019,	Paper presented

- State Level Workshop:**

Sr. No	Theme of the Workshop	Place	Date/Duration	Paper Presented/Participated
01	State Level Work Shop on Exotic Research Work in Physics ERWP 2011	Govt. Science College, Bangalore	March 30, 2011	Participated

- National Level Workshop:**

Sr. No	Theme of the Workshop	Place	Date/ Duration	Paper Presented/ Participated
01	Two Day National- Level Workshop on Space Physics and Atmospheric Science	Sheshadripuram College Bangalore	April 5-6,2010	Participated
02	UGC & ISRO Sponsored National Level Workshop on Experimental Physics	Maharani,s Science College for Women, Bangalore	March 29-30, 2012	Participated
03	National Programme on Technology Enhanced Learning (IIT Madras)	Indian Academy Degree College, Bangalore	November 7-8, 2013	Participated

- Co-Curricular Activity:**

Sr. No	Organization / Institution	Designation	Duration	Role

- Total Publication Details:**

Total No. of State Level Seminar Attended	Total No. of National Seminar Attended	Total No. of International Seminar Attended	Total No. of State Conference Attended	Total No. of National Conference Attended	Total No. of International Conference Attended	Total No. of State Level Workshop Attended	Total No. of National Level Workshop Attended
01	02	-	-	05	02	01	03

- Honors & Awards:**

- Public Service / University Service / Consulting Activity:**

- Professional Societies Memberships:**

- 1) Life Member Indian Society for Technical Education.
- 2) Life Member Indian Association of Physics Teachers.
- 3) Member Karnataka Government College Teachers Association.

- Projects (Major Grants / Collaborations):**

- Others Details:**

Date:05/12/2020

Place: Kolar

(Signature)

Nagaraja A M