

Faculty Profile



Dr. SHIVAKUMARA SWAMY G

MSc, Ph D
ASSISTANT PROFESSOR

Qualification

Programme	Specialization	Institution/University
MSc	Physics (Nuclear Physics)	University of Mysore, Mysore
Ph.D	Cluster Radioactivity	University of Mysore, Mysore

Experience: 19 years

Articles in journals

Sl.No	Title	Name of Journal	Date of Publication	Volume No/Issue No/Page No
1.	Exotic decay in Gd isotope	IIST Journal of Applied Physics	2010	1 (45-47)
2.	Cluster radioactivity of $^{128-134}\text{Gd}$ isotopes	Physics of atomic nuclei (Springer)	2011	74 (675-680)
3.	Half-lives of cluster decay of neutron- rich nuclei in trans-tin region	International journal of Modern Physics E (World Scientific)	2011	20 (2167-2175)
4.	Role of ^{208}Pb daughter nucleus and nuclear shell effects in trans-lead cluster radioactivity by emission of	Annalen der physic (Inter Wiley Science)	2012	524 (840-849)

	neon clusters from $^{218-236}\text{U}$ isotopes			
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Seminars/Conferences/Symposium/Workshops:

Sl.No	Name of the Conference /Seminar /Symposium/Workshop	Type of Program	Title of the Article	Role	Venue/place	Date
1	DAE Symposium on Nuclear Physics	Ph.D	Exotic decay in Gd isotope	Research scholar	IIT, Roorkee	---
2.	DAE Symposium on Nuclear Physics	Ph.D	Cluster radioactivity of $^{218-236}\text{U}$ isotopes	Research scholar	Vishakhapatnam Andrapradesh	---

Own MPhil/PhD Thesis:

Sl.No.	Title	Guide Name	Institution	Month Year	Status
1	Studies on cluster radioactivity of some nuclei	Prof. T K Umesh	DOS in Physics, UOM, Mysuru	14-08-2014	Completed PhD

MPhil/PhD Guided/Adjudicated

Sl.No.	Title	Name of the Student	Institution	Role	Month Year
-	---NIL----	-	-	-	-