

Faculty Information

Brief Profile of Faculty in Less than 500 words



Dr. Y. Kalyana Lakshmi working as Assistant Professor in Department of Physics, Nizam College, OU. She obtained her master's and doctoral degree in Physics from Osmania University. She was awarded Junior Research Fellowship (UGC) and Senior Research Fellowship (CSIR) during her Ph.D. After obtaining Ph.D she worked as Research Associate (CSIR) in the Department of Physics, Osmania University. She has published research articles in International Journals and attended various National and International conferences. She has received Young Scientist award Dr. K.V. Rao Scientific Society in the year 2010.

Research Interest: Condensed Matter Physics, Magnetic Materials, Multiferroics, Nanomaterials.

Faculty Information

Detailed CV

1. Personal Details

Name of the faculty	Dr. Y. Kalyana Lakshmi
Gender	Female
Department	Physics
PAN	AGPPY6410K
Designation	Assistant Professor
Qualification	M.Sc, Ph.D
Date of Joining (Submit Appointment Letter)	20-01-2014
Date of Birth	05-08-80
Category	BC-B
Mobile Number	8008244664
E-Mail Id	yklou@osmania.ac.in
Address	H.No:1-1-52/54, Srinagar colony, Kapra, Hyderabad-500 072

2. Academic details:

Degree	Qualification	Month and Year of Passing	Division	% of Marks	Univ/Board/ Institution with State
PG (M.Sc)	M.Sc(Physics)	2003	I	78.4	Osmania University
CSIR/UGC-NET /SELT/Any other	-	-	-	-	-
Any other	-	-	-	-	-
Research details	Title of Thesis			Month and Year of award	Univ/Board/ Institution with State
M.Phil	-			-	-
Ph.D	Electrical and magnetic behavior of some monovalent doped CMR materials			2010	Osmania University
Post Doctorial/ D.Sc./D.Litt.	-			-	-
Any other	-			-	-
*Please provide the scanned copies of certificates					

3. Teaching Experience: Total: __09__ yrs UG: __09__ yrs

PG: __07__ yrs

4. Academic Promotions:

Designation	Month and Year of Promotion
Associate Professor	NA
Professor	NA
* Please provide order copies	

5. Resource persons:

Guest Lectures/ Extension Lectures	No. of Lectures	Name of Program	Organization / Institution	Date and Year
Lecture	1	National Seminar	Bhavan,s New Science College	11-03-15
* Please provide the certificates or letter of invitation				

6. Carrier Development Programs: Orientation Course/ Refresher courses/Short Term Course/Faculty Development Programme

Course attended	Institution /University	Title of the Professional Development Programme	Duration	
			From	To
Orientation course	Osmania University	-	07-12-15	05-01-16
Workshop	Department of Physics, OU	Material Characterization Techniques	28-09-16	29-09-16
Refresher course	Osmania University	Material Science	08-02-17	01-03-17
Workshop	University of Hyderabad	Functional Magnetic Materials	26-02-18	03-03-18
* Please provide the certificates				

7. Research Details:

Research Experience (No. of years):	07			
Area of research :	Magnetic Materials			
Supervisor for M.Phil/Ph.D (Guideship Letter)	Ph.D			
No of students working/Registered	Ph.D: F: 02 M:nil			
No. of students with fellowship (JRF)	M:	F:	Total:	
No. of students with fellowship (SRF)	M:	F:	Total:	
No. of students with fellowship (Project fellow)	M:	F:	Total:	
No. of students with any other fellowship	M:	F:	Total:	
No of students working for M.Phil.	M:	F:	Total:	
No of students working as Post.docs.	M:	F:	Total:	
No of students working as RA	M:	F:	Total:	
No. of M.Phil/Ph.D. Produced	Ph.D: M: F: Total:		M.Phil: M: F: Total:	
Name of Students awarded. M.Phil/Ph.D	Title of Thesis	Month and	Month and Year	

		Year of Registration	of Award
1.	-	-	-
2.	-	-	---
* Please provide the list of students registered, along with their category and fellowship details			

8. Total No. of Research Publications: 08 International: 08 National: --

8.1 List of publications (## If possible use MS-Excel file which is attached as separate file)

SNo	Title of Paper	Name of the Authors	Name of the Journal	Volume and Page No	Month and Year of Publication	Peer reviewed/ Non Peer reviewed	Impact factor	National/ International	ISSN No.	UGC Journal No	Citation index (SCI./S COPUS /Web of Science/ ICI	No. of citation excluding self citation	h-index	Institutional affiliation as mentioned in publication
1	Effect of synthesis techniques on magneto-transport properties of sodium doped lanthanum	Y. Kalyana Lakshmi, E. Sagar, S. Manjunath Rao and P. Venugopal Reddy	Journal of Superconductivity and Novel Magnetism	DOI 10.1007/s10948-013-2123-6	2017	Peer reviewed	1	International	1557-1939		5			OU

	m mang anite s													
2	Effec t of Bism uth dopi ng on the physi cal prop erties of La- Li- Mn- O mang anite	Kalya na Laksh mi Yana pu, S. Shanm ukhara o Samat ham, Deven dra Kumar , V. Ganesa n and P. Venug opal Reddy	Applie d Physics A	122 (2016) 199	2016	Peer reviewed	1.5	International	094 7- 839 6		5			OU
3	Ano molo us ther mop ower	Kalyan a Laksh mi Yanap u,	Physics Letters A	379 (2015) 175	2015	Peer reviewed	1.7	International	0375 - 9601		6			OU

	in bismuth doped La- Li- Mn- O manganites	Gunadhor Singh Okram and Venugopal Reddy Paduru												
4	Influence of rare-earth ion doping on magnetotransport behavior of potassium doped manganite	Y. Kalyana Lakshmi , S. Manjunath Rao and P. Venugopal Reddy	Materials Chemistry and Physics	143(2014)983	2014	Peer reviewed	2.2	International	0254-0584		11			OU

	s													
5	Thermopower studies of rare earth doped lanthanum manganites	G. Lalitha Reddy, Y. Kalyana Lakshmi , N. Pavan Kumar, S. Manjunath Rao and P. Venugopal Reddy	Journal of Magnetism and Magnetic Materials	362 (2014) 20	2014	Peer reviewed	2	International	0304 - 8853		12			OU
6	Thermopower and resistivity studies of Nd-Na-Mn-	Y. Kalyana Lakshmi , K. Raju and P. Venugopal Reddy	Journal of Applied Physics	113 (2013) 163701	2013	Peer reviewed	2.2	International	0021-8979		14			OU

	O mang antie s													
7	Ther mop ower Studi es of Polyc rystal line Ag Dope d LaMn O ₃ Man ganit es	Y. Kalyan a Laksh mi, N. Pavan Kumar and P. Venug opal Reddy	Journal of Superc onducti vity and Novel Magne tism	DOI 10.100 7/s109 48- 013- 2123-6	2013	Peer reviewed	1	International	155 7- 193 9		5			OU
8	Mag netot ransp ort prop erties of lanth anu m base d	D. C. Krishna , Y. Kalyan a Laksh mi and P. Venug opal Reddy	Physic s Expres s	3(2013) 17	2013	Peer reviewed	0.5	International	123 1- 000 2		2			OU

colossal magnetoresistance manganites synthesized by using PVA gel route														
* please provide the PDF or scanned copy of the articles along with ISSN no. and DOI														

9. List of Publication in Conference proceedings:

SNo	Title of Paper	Name of Conference	Name of the Publisher	Month and Year of Publication	ISBN No.	State/National /International	Affiliated institute at the time of publication
1							
2							
* please provide the PDF or scanned copy of the articles along with ISBN no. and DOI							

10. List of Books Published:

S.No	Title of Book/Chapter	Edited/ Authored	Name of the Publisher	Month and Year of Publication	ISBN No.	State/National /International	Affiliated institute at the time of publication
1	Sintering: Methods and products	Authored	Intech	2012	979-953-307-041-3	International	OU
* please provide the PDF or scanned copy of the first page along with ISBN no.							

11. Member on editorial board or referee for national/international

S.No.	Name of the Journal	Status on the editorial Board	ISSN Number	Periodicity of Publication	Month and Year of Inception of Journal	Impact factor
* Please provide the certificates or e-Copy of letter from editor or editorial board						

12. No. of Papers Presented in Conference/workshop/seminars: (Oral/Poster)

SNo	Title of the paper	Name of Conference/ workshop/ Seminars	Oral/Poster	Organized by	Date and year	State/National /International	Oral/Poster
1	Synthesis and magneto transport properties of bismuth doped LNMO manganites	EIAMET-2017	Poster	A.V. College	19-01-17 to 21-01-17	International	poster
	Influence of Chromium doping on Electrical and	ICMAGMA-2017	Poster	DMRL, Hyderabad	01-02-17 to 03-02-17	International	Poster

	Magnetic behavior of Nd _{0.5} Sr _{0.5} MnO ₃ system						
	Low temperature synthesis and effect of sintering temperature on magnetoresistive behaviour of silver doped LCMO manganites	NSRAMMD-2016		Nizam College, OU	02-07-16	National	poster
	Synthesis of Nano materials and their effect on magneto transport properties	Recent Advances in Applied Nano Science	Oral	Department of Physics, UCS, Saifabad	04-03-16 & 05-03-16	National	Oral
	Structural, Magnetic and Magneto-transport studies on the (LaBi) _{2/3} Ae _{1/3} MnO ₃ manganites	RASMPT	oral	Department of Physics, Telangana University	21-08-15 & 22-08-15	National	oral
	Magneto-transport properties of Bismuth doped LaAgMnO ₃ Manganites	Characterization of Materials	oral	Department of Physics, Nizam College, OU	28-07-15	National	Oral
	Enhanced Magnetoresistance in Bismuth doped Lanthanum Silver Manganites	RAINSAT-2015	oral	Satyabama University	08-07-15 to 10-07-15	International	oral
	Bismuth doping effects on the physical properties of La-Li-Mn-O manganite	NCERFM-2015	poster	Department of Physics, Osmania University	28-02-15 & 01-03-15	National	poster

	Room temperature MCE in some Manganite materials	NCAMRS-2014	Poster	Department of Physics, Osmania University	30-08-14 & 31-08-14	National	poster
	Nano size effects on magneto-transport properties of $\text{La}_{0.7}\text{Ca}_{0.3-x}\text{Ag}_x\text{MnO}_3$ manganites	ICONSAT-2012	Poster	ICONSAT	20-01-12 to 23-01-12	International	poster
* Please provide the certificates							

13. Conferences/ workshop/ seminars/Training Program etc organized.

SNo	Name of the Seminar	International/ National/State/University/College level	Date	No. of papers presented	No. of Participants		Source of funding/ Sponsoring Agency
					Nizam College	Other Institutions	
* Please provide the proof of organization and sanction letter for funding							

14. Conferences/ workshop/ seminars/Training Program etc attended/participated.

S.No	Name of the Seminar attended	National/ International	Duration		Organized by	Funded/Not Funded	Funding agency	Amount
			From	To				
1	Recent Advances in Applied Nano Science	National	16-02-18	17-02-18	Department of Physics, UCS, Saifabad			
2	National Seminar on Advanced Materials and their applications	National	27-02-13	28-02-13	Department of Physics, UCS, OU		UGC-SAP	
* Please provide the certificates and sanction letter for funding								

15. Patents:

Total No. of Patents: ____ NA_ No. of Patents applied: ____ No. of Patents approved: ____

S.No	Month and Year	National/ International/ Commercialized	Country	Patent Information	Patent Filed/ Published /Granted	Patent Application no./Grant No.
1						

2.						
* Please provide the copy of patent publication and Patent grant orders						

16. Research Projects:

Total No. Projects:

Major: -02

Minor: NA

Title/Name of Project	Major /Minor	Funding Agency	Amount Granted (in Rs. Lakhs)	Amount Received (in Rs. Lakhs)	Duration	Date and Year	Status – Completed /Ongoing/ Sanctioned/ Submitted
Study of Thermoelectric behavior of Nano Structured Oxide based Materials	Major	UGC	6	6	2 years	2015	completed
Investigation of Nanocrystalline Bismuth Ferrite for Possible Shape Memory and Reconfigured Antenna Applications	Major	DRDO	50.645	40.055	3 years	2016	Ongoing
* Please provide the scanned copy of sanction letter/ grant received orders/project closure orders							

17. Consultancy Projects:

Name of the Consultant	Name of the Consultancy Project	Consulting/Sponsoring Agency with Contact Details	Month and Year	Funds earned/ Revenue generated during last five years (in Rs.)*
* Audited statement of accounts indicating the revenue generated through consultancy				

18. Collaboration activities for research:

Title of the collaborative activity	Name of the Collaborating agency with contact details	Source of financial support	Month and Year of collaboration	Duration	Nature of activity
* Audited statement of accounts indicating the revenue generated through consultancy					

19. Students Projects:

Total No.of Student Projects Guided:

S.No	Name of the student	Course	Title of the Project	Duration of the Project	Month & Year of the Award
* please provide copy of certificate page or certificate from Head/Principal					

20. Faculty visit abroad on academic purpose:

Institution Visited & Period of Visit	Country	Sponsoring of agency	Activity undertaken	Month and Year of Visit
* please provide invitations/sanction letters/grant received letter				

21. Awards / distinction received if any

Name of the award Received	International/ National/ State/University/District/College level	Nature of Award	Month & Year of the Award
* please provide copy of certificate			

22. International fellowship for advanced studies/research received if any

Name of the award	Month and Year of Award	Awarding agency
* please provide copy of certificate		

23. Faculty Distinction/Nominations to University/State/National/International bodies.

Membership / Distinction earned	Organization	University/State/ National/International Level	Month and Year
*please provide copy of offer letters/appointment orders			

24. Collaborative programs if any other University / Organization/ Industries

Name of Program	Nature of Collaboration	Collaborating organization and Country	Objectives of MOU	Month and Year
* please provide copy of MoU letter				

- 25.** Innovation adopted in Teaching (If any, provide details.):
- 26.** Participation in Curriculum design/BOS etc. (copy of minutes of meeting)
- 27.** List of ICT modules prepared (Please provide soft copies of modules, url link/videos):
- 28.** Social outreach programs conducted (If any, proof as photographs, videos, certificate of appreciation, etc):
- 29.** Life Members of any bodies (provide membership details):
- 30.** Extension activities and institutional social responsibility (If any, provide proof)
- 31.** Contribution to environmental awareness and protection (If any, provide proof)
- 32.** Please provide the details if any MoUs/Linkages (If any, provide MoU letter):
- 33.** Any another relevant information:

SIGNATURE