

CURRICULUM VITAE

Ramanjeet Kaur

Working as Assistant Professor(Physics) in R.S.D. College Ferozepur City.Pursuing Ph.D. From IKGPTU Kapurthala. Eight Papers Published in various reputed Journals and Conference proceedings.



PRESENT POSITION: Assistant Prof. (Physics)

RESEARCH AREA: Materials used in solid oxide fuel cells

BIOGRAPHICAL DATA

DOB: 5-11-1987

Marital Status: Married

Father's Name: S. Beant Singh Gill

Place of Birth: Zira

Citizenship: Indian

EDUCATION

Ph.D / PG

Pursuing Ph.D. Under Supervision of Dr. A.k. Tyagi from IKGPTU Kapurthala

M.SC.HS (Physics) From Punjab University Chandigarh

UGC– NET / GATE UGC NET and GATE qualified

UG B.SC. (NM) From D.M .College Moga

TEACHING EXPERIENCE : 7 Years

Conference Proceedings (Full Papers)

Sr. No.	Author/s	Title of the paper	Year, volume, page no.	Journal Name	ISSN no. & Impact factor
1.	Ramanjeet Kaur and Anand K Tyagi	“Various Anode Materials used in Solid Oxide Fuel Cells”.	2016,Conference Proceedings,61-66 2017,Conference	Proceedings of Inter-disciplinary National Conference on “Frontiers in Materials Research & Applications”	978-93-86256-10-2

2.	Ramanjeet Kaur, Dr Ajay Kumar and Dr Anand K Tyagi	“X - Ray Diffraction Studies on Sol Gel Derived Monophasic SrTiO ₃ ”	Proceedings,63-66 2020,Conference Proceedings,2352,020029-1-020029-5	Proceedings of Interdisciplinary National Conference on “Frontiers in Materials Research & Applications” AIP conference proceedings of 5th National e-Conference on Advanced Materials and Radiation Physics (AMRP-2020)	978-93-86724-88-5 978-0-7354-4105-7
3.	Ramanjeet Kaur, Anand K Tyagi and Karamveer Kaur	“Structural, Morphological and Dielectric Studies of Sol Gel Derived Codoped SrTiO _{3-δ} ”			

Publication List

Sr. No.	Author/s	Title of the paper	Year, Volume, Page no.	Journal Name	ISSN/ ISBNB no.
1.	Ramanjeet Kaur and Anand K Tyagi	Sol Gel Synthesis and Characterization of Strontium Titanates	2022, Vol. 38, No.(1): Pg. 94-101	ORIENTAL JOURNAL OF CHEMISTRY	ISSN: 0970-020 X
2.	Ramanjeet Kaur and Anand K Tyagi	Gadolinium and Thulium Doping to Perovskite Structured Strontium Titanates at Strontium and Titanium Sites	2022, Vol. 38, No.(1): Pg. 102-105	ORIENTAL JOURNAL OF CHEMISTRY	ISSN: 0970-020 X
3.	Ramanjeet Kaur and Anand K Tyagi.	“Structural, Morphological and Dielectric Studies of Sol Gel Derived Gd Doped SrTiO _{3-δ} ”	Volume 7, pp.65-71, 2020	International journal of materials	ISSN: 2315-0555
4.	Ramanjeet		Volume	Journal of University	

5.	Kaur and Anand K Tyagi.	“Thermal, Structural, Morphological and Dielectric Studies of Sol Gel Derived Codoped SrTiO ₃ -δ”	22, Issue 10, pp.1466-1479, October-2020	of Shanghai for Science and Technology	ISSN:1007-6735
	Ramanjeet Kaur and Anand K Tyagi.	Effect of Gadolinium and Thulium Doping on Phase Development, Structural, Micro-structural and Dielectric Properties of SrTiO ₃ -δ”	Volume 23, Issue 01, pp. 07-17, January-2021	Journal of University of Shanghai for Science and Technology	ISSN:1007-6735

CONFERENCE/SEMINAR ATTENDED:

1. Attended Inter-disciplinary National Conference on “Frontiers in Materials Research & Applications” FMRA-2016 held on October 27-28, 2016 at Shaheed Bhagat Singh State Technical Campus, Ferozepur and presented paper entitled “Various Anode Materials used in Solid Oxide Fuel Cells”.
2. Attended National Conference on “Frontiers in Materials Research & Applications” FMRA-2017 held on December 21, 2017 at Shaheed Bhagat Singh State Technical Campus, Ferozepur and presented paper entitled “X - Ray Diffraction Studies on Sol Gel Derived Mono-phasic SrTiO₃”
3. Attended One Day National Seminar on “Advances in Nuclear and Solid State Physics” at R S D College, Ferozepur City on March 28, 2018 organized by Department of Physics, R S D College, Ferozepur City and presented research paper “synthesis and characterization of SrTiO₃ anode material used in solid oxide fuel cell”.
4. Attended One Day National Seminar on “Increasing Participation of Women in Science and Technology” at Hans Raj Mahila Maha Vidyalaya, Jalandhar on March 16, 2019 organized by Equal Opportunity Cell, HMTV, Jalandhar, and presented research paper “Structural Studies of SrTiO₃ Synthesized by Sol Gel Technique”
5. Attended Two Day National Seminar on “Recent Advancements in Modelling and Simulation in Physical and Chemical Sciences- 2020 (RAMSPACS)” at Lajpat Rai DAV College, Jagraon on February 19-20, 2020 organized by Lajpat Rai DAV College, Jagraon & sponsored by Dean

College Development Council, Panjab University, Chandigarh and presented research paper “Thermal, Structural and Morphological Studies of Sol Gel derived Codoped SrTiO_{3-δ}”

6. Presented paper entitled “Structural, Morphological and Dielectric Studies of Sol Gel Derived Codoped SrTiO_{3-δ}” via online mode at 5th National e-Conference on Advanced Materials and Radiation Physics (AMRP-2020) organized by Department of Physics, S.L.I.E.T. Longowal held during November 9-11, 2020.

FDPs / STCs / Workshops ATTENDED:

1. Attended Online Faculty Induction Programme-7(FIP-07) from 14.12.2021 to 14.01.2022 conducted by Human Resource Development Centre, GNDU, Amritsar
2. Attended Online - 7-Days FDP on Research in Sciences : Novel tools and Methodologies from 03.08.2021 to 09.08.2021 conducted by Sri Guru Gobind Singh College, Sector 26, Chandigarh in collaboration with Human Resource Development Centre, Panjab University, Chandigarh under RUSA 2.0 grant.
3. Participated in AICTE sponsored & Technical Education Quality Improvement Programme (TEQIP-II) supported 2 weeks Faculty Development Programme on “Research Techniques” from May 25th –June 5th 2015 at Shaheed Bhagat Singh State Technical Campus, Ferozepur.
4. Participated in one week online Short Term Course on “Advanced Functional Materials (AFMAT-2020)” held during Sept. 28 - Oct. 02, 2020, organized by Department of Physics, Sant Longowal Institute of Engineering and Technology, Longowal, Punjab.
5. Participated in Two Day Seminar cum e-Workshop on “Experimental Electronics” held during July 31- August 1, 2020, organized by Department of Physics, Hans Raj Mahila Maha Vidyalaya, Jalandhar, Punjab.

Address for corresponding:

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Physics Department

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