

CURRICULUM VITAE

SUDHIR SARALCH

VPO- Sakri,

Tehsil – Haripur

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ACADEMIC QUALIFICATIONS	University/Institute	Qualification	Percentage
	National Institute of Technology, Hamirpur HP	Ph.D.* (Materials Science & Engg.)	--
	Panjab University, Chandigarh	M. Tech. (Nanoscience & Nanotech.)	72%
	Lovely Professional University, Phagwara	M. Phil. (Laser Physics)	71%
	Guru Nanak Dev University, Amritsar	M. Sc. (Physics)	65.17%
	DOAECC CEDTI	PGDCA	62%
	H.P. University, Shimla	B. Sc. (Non Medical)	72%
	H.P.B.S.E Dharamshala	12th	78.75%
	C.B.S.E.	10th	76.8%

1. NitiKant; **Sudhir Saralch**; Harjit Singh, 'Ponderomotive self-focusing of a short laser pulse under a plasma density ramp', *Nukleonika*, 2011; **56(2)** : 149–153.
2. **Sudhir Saralch**, Ankur Kalia, Vishal Singh, 'Mechanical and Tribological Wear Behaviour of Epoxy/Graphite Composites' poster presented at International Conference on Polymers on the Frontiers of Science and Technology-(APA-2013) on February 21-22, 2013 at Panjab University, Chandigarh.
3. **Sudhir Saralch** and Vishal Singh, 'Morphological, Thermal and Mechanical Characterization of Polypropylene/Nanoclay composites prepared using Twin Screw Extruder' poster presented at National Conference on Condensed Matter Physics and Applications (CMPA-2015) at Department of Physics, MIT, Manipal University, Manipal on March 27-28, 2015.
4. Participated in National Workshop on Nanoscience and Technology (NST-2013) from June 3-7, 2013 at National Institute of Technology, Hamirpur
5. Attended 2nd Symposium on Nanobiotechnology (NSNB-2013) and two day Workshop on Transmission Electron Microscopy held on December 9-11, 2013 at Indian Institute of Technology, Mandi.
6. Attended one day Seminar on Atomic Energy for Sustainable Growth (AESG-14) on March 13, 2014 at Department of Physics, NIT Hamirpur.
7. Participated in National Conference on Recent Trends in Chemical Sciences, Engineering and Technology (RTCET 2014) on May 29-30, 2014 at NIT Hamirpur.
8. **Sudhir Saralch** and Vishal Singh, 'To Study the Mechanical Behaviour of Nanoclay filled Epoxy Composites' Poster presented at Multidisciplinary National Conference on Innovative Trends in Science, Technology and Management-III (MNCITSTM-2016) at Sri Sai University, Palampur on June 24, 2016.
9. **Sudhir Saralch** and Vishal Singh, 'To Study the Thermal Behaviour of Polypropylene/MMT composites prepared by Melt Mixing' Poster presented at Multidisciplinary National Conference on Innovative Trends in Science, Technology and Management-IV (MNCITSTM-2017) at Sri Sai University, Palampur on August 24, 2017.
10. **Sudhir Saralch** and Vishal Singh, 'Thermal and Mechanical Studies of Polypropylene/Nanoclay/Carbon Fibres composites prepared using Twin Screw Extruder' Oral Talk presented at National Conference on Recent Trends in Experimental and Theoretical Physics (NCRTETP-2017) at Department of Physics, Sri Sai University, Palampur on November 23-24, 2017.

CONFERENCE & PUBLICATIONS

11. Sudhir Saralch, Vishal Jagota, Dinesh Pathak and Vishal Singh, ‘Response surface methodology based analysis of the impact of nanoclay addition on the wear resistance of polypropylene’, *Eur. Phys. J. Appl. Phys.* 2019, **86**, 10401.
12. Sanjay Kumar, Sudhir Saralch, Uzma Jabeen, Dinesh Pathak, ‘Metal oxides for energy applications’, *Colloidal Metal Oxide Nanoparticles, Elsevier*, 2020, 471-504
13. Sanjay Kumar, Sudhir Saralch and Dinesh Pathak, ‘Low-cost deposition of cupric oxide thin films for optoelectronic applications’, *Eur. Phys. J. Appl. Phys.*, 2018, 84, 20301.
14. Ankita, Sanjay, Kumar, Sudhir, Saralch, Dinesh, Pathak, ‘Nanopowder and Thin Films of ZnO by Sol Gel Approach’, DOI: 10.21272/jnep.11(4), 04027.
- 15.
16. Meenakshi; Kumar, Sanjay; Saralch, Sudhir; Dhiman, Naresh; Kumar, Manish; Pathak Dinesh, ‘Dip Coated ZnO Films for Transparent Window Applications’, *Journal of Nano- and Electronic Physics*, Vol. 10 No 5, 05038(5pp) (2018)

TEACHING EXPERIENCE

- One Year Teaching Experience as Assistant Professor in Physics at **Guru Gobind Singh College of Modern Technology, Kharar** (Chandigarh) from **August 2010 to July 2011**.
- Worked as Assistant Professor in Physics in **Department of Physics, Sri Sai University, Palampur** from 25 August, 2015 to 24 March, 2018.
- Worked as Assistant Professor in Physics in **Department of Physics, Gautam College, Hamirpur** from 25 March, 2018 to till date.

CONFERENCES ORGANISED	<ol style="list-style-type: none"> 1. Co-Convener in the National Conference on Recent Trends in Experimental and Theoretical Physics (NCRTETP-2017) at Department of Physics, Sri Sai University, Palampur on November 23-24, 2017. 2. Member of Organizing committee in Multidisciplinary National Conference on Innovative Trends in Science, Technology and Management-IV (MNCITSTM-2017) at Sri Sai University, Palampur on August 24, 2017. 3. Member of Organizing committee in Multidisciplinary National Conference on Innovative Trends in Science, Technology and Management-III (MNCITSTM-2016) at Sri Sai University, Palampur on June 24, 2017.
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PERSONAL DETAILS	Date of Birth:	03-July-1983
	Father's Name:	Sh. Romesh Chander Saralch
	Gender	Male
	Permanent Address:	VPO- Sakri, Tehsil - Dehra Distt- Kangra (H.P.)-176027
	Contact No.	09418258055, 07018060924
	E-mail Id	sudhir.saralch@gmail.com , sudhir.nano@gmail.com

REFERENCES	<p>Dr. Vishal Singh Associate Professor Centre for Materials Science & Technology NIT Hamirpur, HP E-mail: vishal_chib@hotmail.com Mobile No. 09882487660</p> <p>Dr. Ravi Kumar Professor Centre for Materials Science & Technology NIT Hamirpur, HP E-mail: ranade65@gmail.com Mobile No. 9814941401</p>
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DECLARATION

I do hereby confirm that the information given in this resume is true and correct to the best of my knowledge. In case any error or omission is found at later date, I shall be liable for the consequences including termination of my employment or withdrawal of the offer of my employment.

Dated: 19-03-2018

Place: Palampur

(SUDHIR SARALCH)