


1.	<b>Name</b>	<b>BALPREET KAUR</b>		
2.	<b>Designation</b>	<b>Associate Professor</b>		
3.	<b>Date of Birth</b>	<b>Sept. 01, 1975</b>		
4.	<b>Educational Qualification</b>	B.Tech. (Chemical. Engg), Panjab Technical Uni. Jalandhar M.Tech. (Environmental Sci. & Engg), Panjab Technical Uni. Jalandhar		
5.	<b>Work Experience</b>	<b>Teaching &amp; Industrial Experience: 17 years and 6 months</b>		
		Assoc. Prof. at S.B.S. State Technical Campus, Ferozepur	17.07.2000 to till date	
		Lecturer Adhoc basis at Beant College of Engg. & Tech. Gurdaspur	19.01.1999-15.07.2000	
		<b>Industrial experience : 6 months</b>		
		Management Trainee at Maharani Paints Pvt. Ltd, Faridabad	1.07.1998-17.01.1999	
		Others: Chairperson Veronica (college newsletter): presently holding Deptt Purchase Officer : presently holding Academic Incharge Dept. : 02 years Project Coordinator: 10 years/ presently holding NBA accreditation work		
6.	<b>Area of Specialization</b>	Waste water Treatment Polymers		
7.	<b>Subjects teaching at</b>	<b>(a) Undergraduate level:</b>	<ul style="list-style-type: none"> <li>➤ Chemical Process Control</li> <li>➤ Intro. To Polymer Sci &amp; Engg</li> <li>➤ Rubber and Plastic technology</li> <li>➤ Polymer Reactor Design</li> <li>➤ Chemical Reaction Engg.</li> <li>➤ Chemical Process Instrumentation</li> <li>➤ Safety in Chemical Plants</li> <li>➤ Chemical Process Calculations</li> <li>➤ Environmental Science</li> <li>➤ Industrial pollution Control</li> <li>➤ Transport Phenomena</li> </ul>	
		<b>(b) Post Graduate Level</b>	<ul style="list-style-type: none"> <li>➤ Environmental Engineering</li> <li>➤ Advanced Polymer Science &amp; Engg.</li> </ul>	
8.	<b>Total Number of Research Publications (Annexure- A)</b>	<b>Published</b> <input type="checkbox"/> International Journals-03 <input type="checkbox"/> International Conferences-02 <input type="checkbox"/> National Conferences-10		
9.	<b>No. of Students Guided</b>			
10.	<b>Master's</b>	<b>Completed : 02</b> <b>In progress: 02</b>		
11.	<b>Ph.D</b>	Nil		
12.	<b>Academics</b>	➤ <b>Merit Certificate of standing IInd in Btech. Examinations</b>		

	<b>Achievements and Awards</b>	<p>securing 1st division with Honors</p> <ul style="list-style-type: none"> <li>➤ Merit Certificate of standing 1st in Mtech. Examinations securing 1st division with distinction.</li> <li>➤ Co-Coordinator of Faculty development programme on “Recent trends in Polymers composites &amp; their Engg. Applications” in collaboration with CIPET Amritsar.</li> <li>➤ Awarded Best Poster Award At 3rd National Conference (RACES-2011),held at Patiala</li> <li>➤ Awarded 2<sup>nd</sup> Prize at 4th National Conference (RACES-2012),held at Patiala</li> <li>➤ Awarded second prize for major project entitled ‘Removal and Recovery of Phosphorous from Waste Water by using Magnetite’ in TECHNO-OPUS-2014 organized in SBSSTC, Ferozepur</li> <li>➤ Awarded third prize for major project entitled “Comparative study of isolation of nano crystalline cellulose from rice husk and wheat straw’ in TECHNO-OPUS-2015 organized in SBSSTC, Ferozepur</li> <li>➤ Member Board of Studies Chemical Engineering MRSSTU, BATHINDA</li> </ul>	
13.	<b>Projects in hand</b>	MODROBS applied in 2015	
14.	<b>Short-Term organized as faculty</b>	Recent Trends in Polymers,Composites &Their Engg. Applications	Duration 2 weeks
15.	<b>Short-Term attended as faculty</b>	<ul style="list-style-type: none"> <li>➤ Internet ,Web &amp; E-Commerce</li> </ul>	2 weeks
		<ul style="list-style-type: none"> <li>➤ Industry Institute Interactions-New Challenges</li> </ul>	2 weeks
		<ul style="list-style-type: none"> <li>➤ Renewable Energy Based Technologies</li> </ul>	1 week
		<ul style="list-style-type: none"> <li>➤ Intelligent Computational Techniques</li> </ul>	2 weeks
		<ul style="list-style-type: none"> <li>➤ Business and Soft Skills Development in Institutions</li> </ul>	1 week
		<ul style="list-style-type: none"> <li>➤ Research Methodology Tools &amp; Techniques</li> </ul>	1 week
		<ul style="list-style-type: none"> <li>➤ Engineering Materials</li> </ul>	1 week
		<ul style="list-style-type: none"> <li>➤ Nature Inspired Computational Intelligence</li> </ul>	2 weeks
		<ul style="list-style-type: none"> <li>➤ Soft Skills for Technical Teachers</li> </ul>	1 week
		<ul style="list-style-type: none"> <li>➤ Managerial Skills</li> </ul>	1 week
		<ul style="list-style-type: none"> <li>➤ Futuristic Materials</li> </ul>	1 week
		<ul style="list-style-type: none"> <li>➤ Analytical techniques for detection of Environmental Pollutants</li> </ul>	2 weeks
		<ul style="list-style-type: none"> <li>➤ Research Techniques</li> </ul>	2 weeks
16.	<b>Membership of professional</b>	Life Member of ISTE	

## (Annexure A)

### Papers Published in journals

1. Sunil Rajoriya, Balpreet Kaur, Virendra Kumar Saharan, (2014) “*Kinetics and Isotherm on the Adsorption of Zn (II) from Aqueous Solutions by Natural Bio-sorbents*” International Journal Of Engineering Sciences & Research Technology Vol. 3(8) ISSN No. 2277-9655, pp17-31
2. Sunil Rajoriya and Balpreet Kaur, (2014) “*Adsorptive Removal of Zinc from Waste Water by Natural Biosorbents*” International Journal of Engineering Science Invention Vol.3(6)ISSN No. 2319 – 6734, pp.60- 80
3. Harjinder Singh, Balpreet Kaur, O.P. Pandey, (2014) “*Reduction of Wolframite Ore with Activated Charcoal to Produce Nano Tungsten Carbide*” INROADS- An International Journal of Jaipur National University, Vol 3(1), pp 276-279

### Papers Published in International conferences

4. Balpreet Kaur, Harjinder Singh, O.P. Pandey, “*Reduction of Wolframite Ore with activated charcoal to produce Nano tungsten Carbide*”, International conference on Innovative Advancements in Engg. & Technology, JNU March 7-8<sup>th</sup>, 2014, Jaipur
5. Niksha Mohindroo, Balpreet Kaur, Harjinder Singh, “*High Temperature Polymers: A review*”, Frontiers in Materials Research & Applications (FMRA), October 30-31, 2014, SBSSTC, Ferozepur

### Papers Published in National conferences :

6. Balpreet Kaur, Rajeev Garg, A.P. Singh, “*Optimization of Alum dose as a coagulant for treatment of Pulp and Paper mill waste water*”, Recent advances in chemical & environment sciences (RACES-2012), Feb. 28- Mar. 03, 2011, Patiala
7. Balpreet Kaur, Satinder kaur, Harjinder Singh, “*Bio-Medical waste Management: A review*”, National Conference on waste management and recycling, December 09-10, 2011, SLIET, Longowal.
8. Balpreet Kaur, Harpreet Kaur, Varun suri, Vikram, “*Variation in COD of Pulp and Paper mill waste water using biodegradable polymer*”, Recent advances in chemical & environment sciences (RACES), March, 03, 2012, Patiala
9. Balpreet Kaur, Rakesh Punia, “*Environmental Pollution control by fuel Oil Additives*”, Recent Advances in Chemistry and their impact on Environment, (NCRACE), Feb. 4-5, 2012, Panipat
10. Balpreet kaur, C.P. Singh, “*Environment Management System- A study*”, National Conference on Energy and Environmental Issues related to Chemical industries, EEChem I, Feb. 18-19, 2012, Agra
11. Balpreet kaur, C.P. Singh, “*Effect of Environmental Manufacturing Competitiveness for Development for Chemical Industries.*”, National Conference on Energy and Environmental Issues related to Chemical industries, EEChem I, Feb. 18-19, 2012, Agra

12. Balpreet Kaur, Sarabjeet Kaur, Niksha Mohindroo, "*Moringa Oleifera: A Promising Bio-Coagulant for water purification*", 6<sup>th</sup> National Seminar on New Paradigm in Chemical Sciences, Feb. 2013, Patiala
13. Harjinder Singh, Balpreet Kaur, O.P. Pandey, "*Nano Tungsten Carbide*", Advances in Manufacturing Systems (CAMS), September 5-6, 2014, SBSSTC, Ferozepur
14. Gurbinder Singh, Balpreet Kaur, H. Singh, "*Use of Nanocrystalline Cellulose in Composites*", Advances in Manufacturing Systems (CAMS), September 5-6, 2014, SBSSTC, Ferozepur
15. Balpreet Kaur and Mehak Jain, "Photodegradation and photostabilisation of Polymers", Frontiers in Materials Research & Applications (FMRA), 24th December, 2014, SBSSTC, Ferozepur