

Faculty Profile

Faculty Name	Prof. (Dr.) S. R. Pandey
Designation	Professor
Qualification	PhD (IIT Kharagpur)
Email	srpandey.mech@piet.co.in
Area of Interest	Material Science, Polymer Engineering
Work Experience (Total)	
• Teaching	28 Yrs.
• Research	28 Yrs.
• Industry	
• Others	
Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Material Science, Polymer Engineering, Organic Synthesis
Membership of Professional Bodies	
Research Publications	
• Research Papers UGC-CARE	2
• Research Papers SCOPUS	8
• Research Papers WoS/SCI/ABDC	
• List of Publications	<ul style="list-style-type: none"> ○ S. R. Pandey, T. Tripathy, R.P. Bhagat and R. P. Singh; The Effect of Polymeric Flocculants on Settling And Filtration Behaviour of Iron Ore Slimes, International Journal of Polymeric Material USA 2000, Vol-46 pp 49-59 ○ T. Tripathy, S.R.Pandey, R.P. Bhagat and R.P. Singh; Flocculation Characteristics of Sodium Alginate Graft Polyacrylamide, European Polymer Journal 35(1999) 2057-2072

	<ul style="list-style-type: none"> ○ S.R. Pandey, T.Tripathy, R.P Bhagat and R.P Singh, Divided Flocculation Addition: Way to Minimise Flocculant Dosage, Metals Materials and Process, 2000, Vol-12 No.1, pp 27-34. ○ R.P.Singh, G.P.Karmakar, S.K.Rath, S.R.Pandey, Biodegradable Drag Reducing Agents and Flocculants Based on Polysaccharides: Materials and Application, Published in Polymer Engineering and Science, Jan.2000, Vol 40, No.1. ○ R.P.Singh, T. Tripathy , S.K.Rath, S.R.Pandey, N.T.Lan, Novel Biodegradable Flocculants Based on Polysaccharides, Current Science, Vol 78, No.7, April 2000.
Book and Chapter Publications	
• Books Authored published by International Publishers	
• Books Authored published by National Publishers	
• Publication of Chapter in Edited Books	
• Editor of Book by International Publishers	
• Editor of Book by National Publishers	
• Translation Work of Book	
• List of Book and Chapter Publications	
Patents	

• Published	
• List of published patent(s)	
• Filed	
• List of filed patent(s)	
PhD Guidance	
• Degree Awarded	
• Thesis Submitted	
M.Tech. Guidance	
• Degree Awarded	1
• Thesis Submitted	
Research Project	
• List of Research projects	2
Consultancy	
• List of Consultancy	
Awards & Honours	
• List of Awards & Honours	SRF, IIT Kharagpur Best Academician Award Edumatrix Foundation
Invited lectures / Resource Person/ paper presentation in Seminars/ Conferences/full paper in Conference	
• International (Abroad)	
• International (Within Country)	30
• National	
• List of published papers	<input type="checkbox"/> R. Pandey , T. Tripathy, R.P. Bhagat and R. P. Singh; Flocculation and Settling Behaviour of Iron Ore Slimes (Intl. Conf. On Disperse Systems, Jadavpur University, Calcutta, Feb.1998)

	<ul style="list-style-type: none"> □ T. Tripathy, S.R.Pandey, R.P.Bhagat and R.P. Singh, Flocculation Efficiency of Sodium Alginate Graft Polyacrylamide Copolymer In Relation to Iron Ore (Intl. Conf. On Disperse Systems, Jadavpur University, Calcutta, Feb.1998) □ T, Tripalthy, S.R.Pandey, R.P.Bhagat, R.P. Singh, Synthesis of WaterSoluble Graft Copolymers Based on Sodium Alginate And Polyacrylamide: An Effective Flocculating Agent; Macromolecules New Frontiers, vol.ii ,K.S.V .Srinivasan (ed),Allied Publishers Ltd. New Delhi 1998,p 1084 □ S.R Pandey, T. Tripathy ,R.P Bhagat and R.P Singh, Settling And Filtration Behaviour of Iron Ore Slimes Using Various Polymeric Flocculants; Micromolecules New Frontiers, vol.ii ,K.S.V .Srinivasan (ed),Allied Publishers Ltd.New Delhi 1998,p 11-18 □ S.R.Pandey ,T. Tripathy ,R.P Bhagat and R.P.Singh, Settling Characteristics of Iron Ore Slimes, in National Seminar Calcutta on 26-27June 1998. □ R.P .Bhagat, S.R Pandey, T. Tripathy and R.P Singh, Flocculation and Dewatering Phenomena Using
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	<p>Synthesised And Commercial Flocculants in CAMI98.</p> <ul style="list-style-type: none"> □ S.R. Pandey, T.Tripathy, R.P Bhagat and R.P Singh, Flocculation Characteristics of Graft Copolymers and Commercial flocculants in relation to Iron ore Slimes and Iron-ore mines Effluents in POLYMERS-99 IIT New Delhi, P737. □ Holkar, A. S., Ali, S. A., and Pandey, S. R., 2010, “Fundamental Approach to Manufacture of LLDPE”, National conference on Recent Advances in Materials Science & Engineering: A Multidisciplinary Approach – RAMSE 2010, October 23-24, JUET Guna, India ○ Pandey, S. R., 2010, “Studies on Settling Velocity, Flocculant Dose, and Filtration of Mineral Slime by Graft Copolymers and Industrial Application of Graft Co – Polymers”, National conference on Recent Advances in Materials Science & Engineering: A Multidisciplinary Approach – RAMSE 2010, October 23-24, JUET Guna, India
Organizing National Conference/ International Conference/ FDP/STTP	
• List of Conference/FDP/STTP	

committee	
Social Contributions and Sports	
<ul style="list-style-type: none">• List of Social Contributions and Sports	