

## BIO-DATA

### Personal information:

Name	Dr. Prabir Kar	
Designation	Associate Professor	
Date of birth	05/02/61	
Qualification	Ph.D., M.Tech., B.Sc.(Tech)	
Area of Specialization	Fibre Science ,Wet Processing & Texturising	
Subjects teaching	Polymer, Fibres, Textile Wet Processing & Texturising	
Work experience	Teaching: 22 years, Research: 3 years, Industry: 3 years	
Address for correspondence Dr. Prabir Kar Department of Textile Technology, SGGSIE&T, Vishnupuri, Nanded, India- 431606		
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Ph. D. Topic	High Modulus Polypropylene Filament: Preparation, Structure and Properties	

### Employment details:

SN	Institute	Post	From	To
1	S.G.G.S.I.E.&T., Nanded	Associate Professor	06/06/2006	Contd..
2	S.G.G.S.I.E.&T., Nanded	Assistant Professor(CAS)	06/06/1998	06/06/2006
3	S.G.G.S.I.E.&T., Nanded	Sr. Lecturer	June'95	June 1998
4	S.G.G.S.I.E.&T., Nanded	Lecturer	June'89	june'95
5	College of Engg, Akola ( Shivaji Education Society)	Lecturer	March'89	April'89
6	The Bombay Dyeing & Manufacturing Industries, Worli, Bombay	Jr. Astt. Spinning Master	Jan'88	Feb'89

### Educational qualifications:

SN		Institute	Year	Percentage	Specialization
1	B.Sc(Tech)	C.T.T, Berhampore, W.B.	1984	68.04	Textile Technology
2	M.Tech (Text)	T. I.T., Bhiwani	1987	65.85	Textile Technology
3	Ph. D.	Indian Institute of Technology Roorkee	2000	Degree Awarded	Fibre Science & Tech.

**Membership of professional bodies:**

SN	Organization	Membership Details	
		Type	Registration year/Number
1	The Indian Society for Technical Education	Life member	LM10457
2	Textile Association of India	Life member	MAR/LM/167
3	Institute of Engineers	A.M.I.E	AM59887

**Publications in Journals/ Conferences:****International Journals**

1. Lipika Chakrabarty, Dr. Prabir Kar & Supriya Chakrabarty(2010), “An Insight to Natural Dyes”, *Asian Dyer*, July, 30-35.
2. S.H.Jafari, Prabir Kar and S.K.Rana( 1998), “Morphology of high density/ linear low density polythelene drawn tapes “,Iranian Polymer Journal , Vol-7, No-2

**National Journals**

1. Prabir Kar etal (2010), “Feasibility of Dyeing Multiple Textile Fibres in A single Phase With Unique Natural Dye “,*J.T.A*, Vol-72(No -2), 62-67
2. Joshi R. N. and Kar P. (2009), “ Mecha-tronic Fabrication of Prototype Monofilament Melt Spinning for Laboratory Purposes”, *Journal of Textile Association*, 69 (6), 259-264.
3. Prabir Kar & Sh V.KJoshi( 2002), “A Review on visco-elastic behaviour of oriented polymers “,*Manmade Textiles in India*, Dec 2002,p-481
4. Prabir Kar, Yashpal Wankhede and Shilpa Bhalerao,(2002) “Preparation of High Tenacity Polypropylene Multifilament Through Low Strain rate Multiple Step Drawing”, *Manmade Textiles in India*, Sept 2002, 367-368
5. Prabir Kar & Sh V.KJoshi,(1995), “Preparation of H.T. PET fibre by zonal drawing “,*Manmade Textiles in India*, Aug. 311-315

**International Conferences**

1. Joshi R N and Kar P. (2006), ”PLA Fibre- Futuristic Trends”, International Conference on Technical Textiles, Indian Institute of Technology Delhi, 11-12 November 2006
2. Kar P., Joshi R. N. and Joshi V. K. (2002), “Design & fabrication of low cost pilot melt spinning unit”, 7<sup>th</sup> International & 58<sup>th</sup> all India Textile Conference, 14<sup>th</sup> & 15<sup>th</sup> December 2002
3. Prabir Kar & B.L.Deopura,(2002), “Low shrinkage propylene Fibres :Structure & Morphology “on “ Polymer and Textiles in The New Millennium- an Integral Approach “ on 15<sup>th</sup>-16<sup>th</sup> Feb,2002, IIT Delhi
4. Prabir Kar and B.L.Deopura,(1999) “Polypropylene for thermoplastic composites “, on “Conference paper at International symposium in Polymers beyond AD2000 on 12<sup>th</sup> - 15<sup>th</sup> Jan'99, at IIT Delhi”
5. B.Deopura and Prabir Kar(1997), “Ultra High Modulus polypropylene fibres “, on “Fibre

Society conference at Knox ville, U.S.A. Oct.”

### National Conferences

1. Prabir Kar & V.K.Joshi (2010dec), „Back Bone of Advanced Composites”, on “Symposium on COMPOSITE Materials”
2. Prabir kar, etal, (2007), „Eco-friendly dyes for natural and synthetic textiles- a Review “on “ACTPAQ 2007,PSG Tech Coimbatore 10<sup>th</sup> to 12 Aug “
3. Prabir Kar etal (1996), “Polypropylene fibre for composites “, on “National Seminar on “Recent development in engineering plastics and its application” Dec.)
4. Prabir Kar and P.Pramanik(1989), “Geotextile a new era for civil engg and textile technology “, on “Fifth national convention of textile engineers.”

### Books and technical reports published:

S N	Authors	Book Title	Publisher	Year
1	Prabir Kar & V.K.Joshi	Proceedings on symposium of composite materials Dec’2010	S.G.G.S.I. E.&T. Nanded	2010

### Research and Development project undertaken:

1. Worked as a Principal -Investigator for DCAR&D Project under AICTE of Rs 7.15 lac completed in 2006 on “Upgradation of an innovated process for production of high modulus low shrinkage synthetic filaments suitable for composite and defense applications”
2. Working as a Co -Investigator for RPS Project under AICTE of Rs 12.50 lac received on 21/10/10 on “Development of Breathable Coated Printed Textiles”

### List of M. Tech students guided:

Sr. No.	Name of the Student	Title of Dissertation	Year
1.	Mr. R. N. Joshi	Mechatronic development in pilot melt spinning model	June 2003

### List of ISTE/QIP/Short term courses attended:

S N	Course Title	Institute	Duration		
			From	To	Weeks
1	“ Instrumentation and Control Applications and advanced testing equipments in Textiles”	ATIRA, Ahmedabad	08/01/07	13/01/07	01
2	In-plant training	M/S Reid & Taylor, Mysore	15/07/06	24/07/06	10days
3	Capability Building	SGGSIE&T	26/12/05	31/12/05	5Days
4	MS-CIT	MSBTE,Mumbai	Jan’2003	21/02/99	

5	NCUTE Pilot Programme on “ Manmade Fibres	IIT Delhi	19/02/99		
6	Neural Netywork and Fuzzy logic : Theory and Application	SGGSCE&T,Nanded	11/06/2001	23/06/2001	02
7	Programming with C & C++	SGGSCE&T,Nanded	29 <sup>th</sup> June 2000	19 <sup>th</sup> July 2000	03
8	Application of finite element method in engineering	SGGSCE&T,Nanded	5 <sup>th</sup> June 2000	10 <sup>th</sup> June 2000.	01
9	Strategic Planning and Institutional Development	SGGSCE&T,Nanded	30/11/94	02/12/94	3days
10	Computer application	Govt. College of Engg. Pune	16/12/91	11/01/92	04
11	Technology of High speed Wvg. M/c and their design	PSG Tech, Coimbatore	03/12/90	15/12/90	04
12	Financial Management training	TIT,Bhiwani	18/03/87	31/03/87	02
13	Entrepreneurship development for Science and technology personnel	TIT,Bhiwani	15/01/86	14/02/86	04

**List of seminar/ conferences attended:**

	<b>Programme Venue</b>	<b>Programme Title</b>	<b>Duration</b>
1	Organised by Premier Colorscan & SDL ATLAS, at Textile Committee Office ,Mumbai	One Day Seminar On Textile Testing Methods	5 <sup>th</sup> Sept'2011
2	Organised by Institute of Engineers, Maharashtra State Centre.	19 <sup>th</sup> national convention of textile engineers & seminar on “ High performance textiles “, Mumbai	4 <sup>th</sup> & 5 <sup>th</sup> March'2006
3	AICTE Program organized by SGGSIE&T	Workshop on “Reuse Recycling and Conservation of Industrial Waste Water “, Nanded	10 <sup>th</sup> July'2004

**Important contribution to teaching/ academic environment:**

<b>Sr No</b>	<b>Activity Head</b>	<b>Activity</b>	<b>Duration</b>
1.	Coordinator of National level Symposium on “COMPOSITE MATERIALS”	Finance collection, planning & organizing entire activity	24 <sup>th</sup> Dec2010
2.	Vehicle Running & Expenditure Monitoring Incharge	Day to day running, maintenance expenses monitoring	Since Aug'2010
3.	Member, Research & Recognition Committee ( RRC) of Board of Studies in Textile Technology at SRTMU,Nanded	To approve thesis topic, to recommend panel of referees, to recognize as Ph.D guide, to recognize as P.G teacher	Since 2007

4.	Chairman, Local Inspection Committee for Affiliation to SRTMU, Nanded	To chair inspection committee for affiliation of Fashion Design Course of Natun Mahavidyalaya, Selu, Parbhani	Oct'2008
5.	Coordinator NBA (Department )	Worked as coordinator for NBA activity from department in 2007-8	2007-8
6.	Class Coordinator	Working as class coordinator of B.Tech Textile for 2007-8	2007-8
7.	Time Table Incharge	Working as time table Incharge for 2007-8	2007-8
8.	C.S Exam	Worked as C.S Exam for SRTMU examination of May/June2007	May/June 2007
9.	Co-ordinator Central Placement Cell	Worked as coordinator of Central Placement Cell	2003-4
10.	Faculty Incharge T&P of Deptt	Working ad Faculty I/C of training &placement since 1998	Since 1998
11.	Organiser for Seminar	Worked as organizer for seminar on "Modern Spinning "	28 <sup>th</sup> Sept'2002
12.	Lead Role in NBA report	Took lead role in preparing NBA report for 2002 & 2007	2202 &2007
13.	Faculty Coordinator TEXPLORER2002	Worked as Faculty Coordinator for TEXPLORER2002 & 2006	2002 &2006
14.	Lead role in Intake capacity increment proposal	Took lead role in preparing proposal for Increase of intake capacity	2002
15.	Coordinator	Worked as coordinator in " One day Workshop in Industry Institute Interaction "	4 <sup>th</sup> March 2001

I declare that all the particulars given in this application are true to the best of my knowledge and belief and I have not willfully suppressed any material fact.

Date: 20 September 2011

Signature  
**Dr. Prabir Kar**