

CURRICULUM VITAE

Name : **Dr. Deepak Srivastava**
Designation : Professor
Office Address : Department of Plastic Technology,
School of Chemical Technology,
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Area of Interest
Major Area : Polymer Science and Technology
Minor Area : Polymer Degradation and Stability, Polymer



Personal Profile

Date of Birth : Oct. 04, 1963
Marital Status : Married
Residence : 34-A, Vikas Nagar, Kanpur – 208 024, U.P., India.
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Category : Differently-abled person (General)

Academic Qualifications

Degree	Year	Institution / College	University	Division
B. Tech.	1985	HBTI, Kanpur	Kanpur Univ.	Ist
M. Tech.	1987	HBTI, Kanpur	Kanpur Univ.	Ist
Ph. D.	1993	HBTI, Kanpur	Kanpur Univ.	-

M. Tech. Dissertation : *Thermo-oxidative Degradation and Stabilization of Polypropylene with phenolic antioxidant.*
Doctoral Thesis : *Synthesis and Characterization of Thermotropic Liquid Crystalline Polymers (LCPs) with Mesogenic Side Groups.*

Experience Record

Industrial	:	NIL
Academic	:	23 yrs in Teaching & Research
Scientific	:	6 years (as Research Assistant & SRF of CSIR, India)
Social	:	About 18 years working for the welfare of disables

Teaching Experience

Professor	:	2009 – Till Date
Associate Professor	:	2006 – 2009
Assistant Professor	:	2001 – 2006
Senior Lecturer	:	1996 – 2001
Lecturer	:	1992 – 1996

Department of Plastic Technology, HBTI Kanpur

Teaching Records

Courses Taught at PG Level

Mechanics of Viscoelastic Materials
High Polymer Technology
Advanced Polymer Processing

Courses Taught at UG Level

Structure and Properties of Polymer
Rheology and Testing of Polymers
Advanced Polymer Materials
Polymer Processing
Polymeric Foams and Adhesives
Fibre Technology
Polymer Science and Technology
Polymerization Engineering

Administrative/Academic Development/Extra-curricular/Co-curricular activities

1. Member, Other departmental stock verification committee (1992-2005).
2. Member, Verification of items purchased at the store (1995-1996).
3. Member, Students sports Sub-Council (1996-1998).
4. Member, Literary Sub-Council of Students (2000-2001).
5. Subject expert, Ph.D. admission interview committee, HBTI, Kanpur, July 28, 2003.
6. Member, OBC/PH/GEN scholarship committee (2004-2005).
7. Committee member for guest faculty appointment in Chemical Engg. and Chemistry (2005-2007).
8. External Examiner for conducting chemistry practical examination at Chemistry Dept., DAV College, Kanpur (CSJMU) Jan 30, 2006.
9. Convener of Photography Club of CSA, HBTI (2007 – 2014).

10. Engaged in SEE-2007 for Online counseling work for Sept. 05-06, 2007.
11. Member, Anti-ragging committee (2007-10).
12. Assistant Dean, R& D (2008 – 2009).
13. Member, Security committee of the institute in the year (2009).
14. Assistant Dean, Planning & Resource Generation (2009 – 2010).
15. Member, Draft committee for convocation-2010 and 2011.
16. Acted as an External Expert in the selection committee for the Post of JRF/SRF/RA under the CSIR project at Dept. of Petroleum Studies, AMU, Aligarh dated April 15, 2011.
17. Member, Committee for publishing information brochure of the institute (2011-12).
18. Member, Committee for starting QIP Centre at HBTI, Kanpur (2011-2012).
19. Member, Institute Time Table committee (2012-2013).
20. Deputy Coordinator, Institute Time Table Committee (2013-2014).
21. Member, Board of Studies (BOS), B. Tech. Plastic Technology, HBTI.
22. Committee member for guest faculty appointment in Chemistry (2014 - 2015)
23. Convener, verification of Furniture purchased at the store (2014 - 2015)
24. Faculty Advisor, Photography Club, CSA (2014 - 2015)
25. Member of B.O.S Contributed significantly in designing course structure/detailed syllabus of theory and practical courses as consultation of various websites related to the subjects as per industry requirements.
26. Member, Centre of Excellence on "Applied Research, Training and Education in Lipid Science" under TEQIP-II, World Bank Project at HBTI, Kanpur.
27. Evaluated thesis of international university of PG and research.
28. Contributed in designing the course structure for syllabus of UP Technical Education Board.
29. Acted as expert for the purchase of Plastic items in U P Police, Kanpur.
30. Looking after the Departmental Library at Plastic Tech. Dept. HBTI.
31. Worked as acting head of the department during summer/winter vacations.
32. Paper setter of various Universities and Polytechnics.
33. Subject Expert, Syllabus modification committee for Plastic Mould Technology in IRDT, Kanpur (2014-2015).
34. Member, DPC, Dept. of Plastic Technology, HBTI (2014-2015).

Professional Committee Work:

1. Member of various committees of seminars/conferences in various department of the institute as well as other institute..
2. Acted as Co-Convener Publication Committee in the National Seminar on **Packaging Technology: Strategies for 21st Century**, held during Dec. 18-19, 1999 organized by OTAI at H.B.T.I., Kanpur.
3. Hony. Treasurer in **POLYCON 2002** organized by Dept. of Plastic Tech., HBTI.
4. Syllabus committee member of UP Technical Education Board
5. Acted as Co-Chairman in the Thematic/Technical-3 Session in the National Conference, **POLYCON 2002** on **Recent Development of Polymers** held during Aug. 16-17, 2002 organized by Dept. of Plastic Technology, H.B.T.I., Kanpur.
6. Acted as Co-Chairman in the Technical Session on **Novel Surfactants** in the National Conference on "**Newer Oleochemicals : Production and Industrial Application**" held during Jan. 10-11, 2015 organized by Dept. of Oil & Paint Technology, H.B.T.I., Kanpur.

Consultancy rendered to Govt. organization/industries:

1. Expert for the purchase of plastic dustbin in Kanpur Development Authority, Kanpur.
2. Consultancy given to various plastic industries nearby Kanpur region.
3. Expert for suggesting the names of books, its authors name and publication in Ordinance Factories Institute of Learning at Ambarnath (M.S.).

Lectures Delivered:

1. Delivered lectures in the areas of polymers in various organizations such as Directorate, UP Technical Education, IRDT, GCTI, DMSRDE, HBTI, Dr. BRAECIT, Bijnor (HBTI Campus), University of Lucknow, etc.

Membership of Professional Bodies

- Life member of Indian Society for Technical Education (ISTE)
- Life member of Oil Technologists' Association of India (OTAI)
- Fellow member of Paints & Coating Technologists' Association (PACT)
- Member of Research Board of Advisors nominated ABI, USA
- Life member of Electron Microscope Society of India (EMSI), Calcutta
- Life member of The Society for Polymer Science, India
- Life member of IChE, India
- Life Member of Academy of Microscope Science & Technology (AMST), India
- Life Member of Asian Polymer Association (APA), New Delhi, India.
- Life Member of The Indian Science Congress Association (TISCA), Calcutta

Editorial / Reviewer Work :

- ❖ Served as reviewer of various journals such as Journal of Applied Polymer Science, Material Science Engineering A, Polymer Engineering and Science, Polymer Bulletin, Journal of Coatings Technology and Research, European Polymer Journal, etc.

Awards & Honours

Year	Name of the award	Organization / institution giving award	The work which is awarded
1991 - 1992	Research Associate-ship	CSIR, New Delhi	Ph. D.
1988- 1991	Senior Research Fellowship	CSIR, New Delhi	Ph. D.
1985 - 1987	Junior Research Fellowship	MHRD, New Delhi	M. Tech.

Short-term /Refresher Courses Attended

S. No.	Name of Refresher Course	Organizer's Name	Period		Sponsoring Agency
			From	To	
1.	Polymer Processing – Analysis and Applications (PPAA)	IIT, New Delhi	Dec. 14, 1994	Dec. 17, 1994	CPSE, Delhi
2.	QIP training program	M/s Uniflex Industries Pvt. Ltd., Kanpur	June 15, 1997	July 20, 1997	QIP Scheme
3.	Reliability and Safety in Process Industries	Chemical Engg. Deptt., HBTI, Kanpur	Sept. 28, 1998	Oct. 10, 1998	AICTE-ISTE
4.	Experimental Methods in Thermal Sciences	Deptt. of Mechanical Engg., IIT, Kanpur	Aug. 2, 1999	Aug. 7, 1999	MHRD, New Delhi
5.	Application of Computers in Textiles	GCTI, Kanpur	June 5, 2000	June 17, 2000	AICTE-ISTE
6.	Textiles in 21 st Century	GCTI, Kanpur	July 3, 2000	July 15, 2000	AICTE-ISTE
7.	Induction Training Programme under Staff Development Scheme	Applied Scienc Deptt. KEC, Dwarahat, Almora	March 13, 2001	March 30, 2001	AICTE-ISTE
8.	Developments in Textile Technologies	GCTI, Kanpur	Dec. 24, 2001	Jan. 05, 2002	AICTE-ISTE
9.	Eco-friendly Chemical Technologies	HBTI, Kanpur	March 13, 2002	March 24, 2002	AICTE-ISTE
10.	Scientific computing with MATLAB	Deptt. of mechanical Engg., IIT, Kanpur.	June 7, 2004	June 11, 2004	CDTE, IIT, Kanpur
11.	Modelling of Industrial Reactors.	Deptt. of Chemical Engg., IIT, Kanpur.	July 12, 2004	July 17, 2004	SERC-DST
12.	Intellectual property rights and patent information	HBTI, Kanpur	Sept 27, 2004	Oct. 01, 2004	TTTR, Chandigarh
13.	Mathematical methods in Engg and Science	Deptt. Of mechanical Engg., IIT, Kanpur	July 3, 2006	July 15, 2006	QIP Short-term course
14.	Organic Electronics	CDTE, Samtel Centre for Display Technologies, Deptt. of EE, MME, and Physics, IIT, Kanpur	July 17, 2006	July 21, 2006	QIP Short-term Course
15.	Applied Mathematical Techniques for Chemical Sciences	HBTI, Kanpur	April 11, 2007	April 17, 2007	Networking cell, TEQIP World Bank
16.	Biotechnological approaches for chemical process industries	HBTI, Kanpur	May 11, 2007	May 15, 2007	Networking cell, TEQIP World Bank
17.	Computer /aided Engineering	HBTI, Kanpur	June 8, 2007	June 10, 2007	Networking cell, TEQIP World Bank
18.	Modern Analytical Techniques for Research and Industry	HBTI, Kanpur	Nov. 10, 2008	Nov. 14, 2008	Networking cell, TEQIP World Bank
19.	Quality Control Techniques	HBTI, Kanpur	March 20,	March	Networking cell,

20.	in Oils and Allied Products Micro & Nano Fabrication	IIT Kanpur	2009 Feb 27, 2012	25, 2009 March 2, 2012	TEQIP World Bank Centre for Development of Technical Education Department of Mathematics
21.	Prof.P.N.Tandon Memorial week-ends Lecture Series on Modelling and Computing (only Saturdays and Sundays)	HBTI, Kanpur	Feb18, 2012.	March 18, 2012	Department of Mathematics
22.	Curriculum Development and Evaluation Methods in Technical Education	HBTI, Kanpur	July 1, 2013	July 6, 2013	TEQIP-II
23.	FDP on Modelling, Simulation and Analysis of Engineering Systems	HBTI, Kanpur	Oct. 25, 2013	Oct. 30, 2013	TEQIP-II
24.	One week FDP on Advances in Enzyme Production and their Industrial Application	HBTI, Kanpur	Dec. 19, 2013	Dec.24, 2013	TEQIP-II
25.	Five days workshop on Supply Chain Management	IIT Kanpur	Feb 04, 2015	Feb 08, 2015	TEQIP-II

Seminars / Conferences Organized:

Short – term courses

Organized refresher course on **Applied Mathematical Techniques for Chemical Sciences**, as Co-convenor, under Networking cell, TEQIP, World Bank project during April 11-15, 2007.

Specialist Courses

Organized six weeks course on **Development of Fibre Reinforced Plastics (products)** under STEP, HBTI, Kanpur during March 07, 2005- April 16, 2005.

Research Guidance

M. Tech. and Doctoral Thesis

S. No.	Degree	Title of Thesis	Year awarded	Name	Co-supervisor
1.	M. Tech.	Rheological and Thermal behavior of polypropylene/HDPE/Filler polyblends system.	1995	Manoj K. Shukla	Dr. J. S. P. Rai

2.	Ph.D. (Applied Chemistry)	Studies on blends of epoxy, various resoles and carboxyl-terminated polybutadiene (CTPB).	2002	Shailesh K. Shukla	-
3.	Ph.D. (Applied Chemistry)	Studies on the blends of cardanol-based epoxidised novolac and CTPB.	2008	Archana Devi	-
4.	Ph.D. (Applied Chemistry)	Studies on the blends of epoxy, cycloaliphatic epoxy and CTBN.	2008	Garima Tripathi	-
5.	Ph.D. (Applied Chemistry)	Studies on the blends of cardanol-based epoxidized novolac resin and CTBN	2009	Ranjana Yadav	-
6.	Ph. D. (Paint Tech.)	Studies on vinyl ester resins and their blends for use in surface coatings	2010	Arun Maithani	Dr. Deepak Srivastava
7.	Ph.D. (Applied Chemistry)	Studies on the synthesis and characterization of vinyl ester resins from renewable resource material	2012	Minakshi Sultania	Dr. J. S. P. Rai
8.	Ph.D. (Applied Chemistry)	Studies on Vinyl ester resins based on phenol cardanol novolacs	2014	Priti Shukla	Shri S. B. Yadaw, DMSRDE, Kanpur
9.	Ph.D. (Chemistry)	Synthesis and Characterization of copolymers of vinyl monomers and fullerene	2014	Ravindra Singh	Dr Deepak Srivastava
10.	Ph.D. (Applied Chemistry)	Studies on cardanol based resin systems for application in protective coating	Thesis submitted	Shrawan Kumar Shukla	Dr. Arun Maithani
11.	Ph.D. (Applied Chemistry)	Development of modified epoxy matrix from furfural	Thesis submitted	Riya Srivastava	
12.	Ph.D. (Polymer Tech.)	Study of thermal and mechanical properties of nano CaCO ₃ modified DGEBA Epoxy matrix/Glass fiber composites	Under Progress	Manoj Kumar Shukla	

Details of Sponsored Projects handled

Title	Name of sponsor or funding agency	Amount (INR)	Duration	Consultancy project research / consultancy activities
Modified Epoxy Resins	M/s Ruchi Organics, Kanpur	20,000	2 years (Completed)	To develop resole-modified epoxy resin
Development of high	AICTE,	5.00	5 years	To develop toughened

performance polymers from CNSL	New Delhi	Lacs	(Completed)	epoxy composite matrix from renewable resource material
Development of Elastomer - toughened composite matrix for high energy absorbing applications	CST, UP	5.01 Lacs	2 years (Completed)	To develop toughened epoxy composite matrix from renewable resource material
Development of modified epoxy matrix from renewable resource material.	UGC, New Delhi	11.00 Lacs	3½ years (Completed)	To develop high performance toughened epoxy composite matrix from renewable resource material
Development of environmentally preferred coating materials	CSIR, New Delhi	1.78 Lacs	1 year	SRF (Ranjana Yadav)
Development of vinyl ester resins from renewable resource material. for application on composite and coatings	CSIR, New Delhi	2.684 Lacs	1 year	SRF (Minakshi Sultania)
Studies on the modifications of thermosetting epoxy and vinyl ester resins from renewable resource material for multifarious application	CSIR, New Delhi	3.08 Lacs	1 year	SRF (extended) (Minakshi Sultania)
Studies on the modifications of thermosetting resins from renewable resource material for multifarious application	CSIR, New Delhi	3.36 Lacs	1 year	Research Associate (Minakshi Sultania)

Research Publications:

a) In National Journals

1. Deepak Srivastava & G. N. Mathur (1991)
Physico-mechanical Properties of Waste Blended Polyethylene Films
Journal of Polymer Materials, **8**, p. 213
2. Deepak Srivastava, Sanjay K. Mathur & G. N. Mathur (1991)
Plastics for Electronics Industries
Instr. Elect. Devel., **10** (7), p. 37
3. V. N. Badoni, Deepak Srivastava & G. N. Mathur (1993)
Degradation Kinetics of Stabilized and Unstabilized Nylon-6 Films
Journal of Polymer Materials, **10**, p. 49
4. V. N. Badoni, Deepak Srivastava and G. N. Mathur (1995)
Thermo-oxidative Degradation and Stabilization of Nylon-6 Films: Structural Changes and its Correlation with Properties – I
Journal of Polymer Materials, **12**, p. 307
5. Deepak Srivastava, A. K. Nagpal and G. N. Mathur (1996)
Degradation Kinetics of Waste Blended Polyethylene Films
Journal of Polymer Materials, **13**, p. 289
6. V. N. Badoni, Deepak Srivastava and G. N. Mathur (1996)
Thermo-oxidative Degradation and Stabilization of Nylon-6 Films: Structural Changes and its Correlation with Properties – II
Journal of Polymer Materials, **13**, p. 279
7. A. K. Mishra, G. Parashar, D. Srivastava and P. Kumar (2000)
Evaluation of Corrosion Properties Performance of Surface Coatings by EIS : The Theoretical Aspects
Paint India, **L** (3), p. 33
8. V. N. Badoni, Pramod Kumar, Deepak Srivastava and G. N. Mathur (2001)
Unstabilized and Stabilized Nylon-6 Films – A Study on Degradation Mechanism and Kinetics
Ultra Science, **13** (1), p. 94
9. Shailesh Kumar Shukla and Deepak Srivastava (2001)
Thermo-oxidative degradation and stabilization of polypropylene : Structural changes and its correlation with properties
J. Polym. Mater., **18**, p. 259-266
10. Shailesh Kumar Shukla and Deepak Srivastava (2001)
Epoxy/Resole blends – A Study of its degradation kinetics

Ind. J. Chem. Tech., **8**, p. 357-361.

11. S. K. Shukla, Sachchidanand Prasad, Pramod Kumar and Deepak Srivastava (2001)
Plastic Packaging Waste Materials – I
Popular Plastic & Packaging, **XLVI** (2), pp. 55-59.
12. S. K. Shukla, Sachchidanand Prasad, Deepak Srivastava & Pramod Kumar (2002)
CNSL-Derived Polymers for use in Surface Coatings
Paint India, **LII** (2), pp. 29-32.
13. Shailesh Kumar Shukla, Sachchidanand Prasad & Deepak Srivastava (2002)
Biodegradable Polymers – I
Popular Plastic & Packaging, **XLVII** (2), pp. 79-81.
14. S. K. Shukla, Arun Maithani, Devendra Agarwal and Deepak Srivastava (2002)
Polymers from Renewable Resources - I
Popular Plastic & Packaging, **XLVII** (7), pp. 58-60.
15. Shailesh Kumar Shukla and Deepak Srivastava (2003)
Graft Copolymerization : A Kinetic Study
J. Polym. Mater., **20**, p. 207-211.
16. Garima Tripathi and Deepak srivastava (2007)
Studies on epoxy resins curatives and their applications
Paint India, **LVII** (5), 101.
17. Ranjana Yadav and Deepak Srivastava (2008)
Environmentally preferred coatings from modified cardanol-based epoxidized novolac resin
Paint India, **LVIII** (6), 85.
18. Ranjana Yadav and Deepak Srivastava (2009)
Studies on the extraction, modification and application of CNSL/cardanol based epoxy resin
Paint India, **LVIX** (3), 2009, p. 64-104
19. Ranjana Yadav and Deepak Srivastava (2009)
Studies on the blends of epoxy and different liquid rubber
Paint India, **LVIX** (4), 2009, p. 65-86
20. Minakshi Sultania, J.S.P. Rai and Deepak Srivastava (2009)
Synthesis and curing of cardanol-based vinyl ester resins for applications in surface coatings– I
Paint India, **LIX** (.9), 2009, p. 89-108.
21. Priti Shukla, S.B. Yadav and Deepak Srivastava (2009)
The effect of phenol concentration on the cure time and epoxide equivalent weight of cardanol-based epoxidized novolac resin
Paint India **LVI** (10) p.85-96

b) In International Journals

1. Deepak Srivastava and G. N. Mathur (1997)
Degradation Kinetics of Resole Modified Epoxy – I
Journal of Macro Molecular Science – Pure and Applied Chemistry, **A34** (1), p. 59
2. Deepak Srivastava, D. C. Saxena and G. N. Mathur (1999)
Optimization Studies on the Development of Nylon-6 Films with High Tensile Strength
Journal of Macro Molecular Science – Pure and Applied Chemistry, **A36** (10), p. 1406.
3. D. Srivastava, R. Garg, P. Kumar, D. C. Saxena and G. N. Mathur (2000)
Optimization Studies of Blend Composition and Ageing Parameters for Making LDPE/HDPE/ LLDPE
Films by Response Surface Methodology
Macromol. Mater. Eng., **283**, p. 81
4. Shailesh Kumar Shukla, Pramod Kumar and Deepak Srivastava (2001)
Study of Degradation Kinetics of Blends of Epoxy and Resole : A Statistical Approach
Mater. Manuf. Process, **16** (2), p. 281
5. Geeta Parashar, Deepak Srivastava and Pramod Kumar (2001)
Ethyl Silicate Binders for High performance coatings
Prog. Org. Coatings, **42** (1-2), p. 1-14
6. Deepak Srivastava, Pramod Kumar and G. N. Mathur (2001)
Ageing characteristics of ternary blends of polyethylene – I
Mater. Manuf. Process, **16** (3), p. 419-425.
7. Deepak Srivastava (2002)
Optimization studies on the development of methyl methacrylate (MMA)-grafted nylon-6 fibers with
high percentage grafting.
Journal of Polymer Engg., **22** (6), p. 457-471.
8. Sudha Agrawal, Deepak Srivastava, A. Mishra, and J. S. P. Rai (2002)
Decomposition behaviour of vinyl ester resins prepared in presence of tertiary amines.
Polymer-Plastics Technology and Engg., **41** (2), p. 327-340.
9. Deepak Srivastava (2003)
Ternary blended polyethylene films : A study on its mechanical and thermal properties.
Polymer - Plastics Tech. Engg., **42** (2), p. 229-237.
10. Deepak Srivastava (2003)
Development of Mesomorphic poly(methylmethacrylate)
Iranian Polymer Journal, **12** (6), p. 27-33.
11. Shailesh Kumar Shukla and Deepak Srivastava (2003)
Studies on the chemical resistance of the films of blend of carboxyl-terminated polybutadiene (CTPB)
and modified epoxy resins - I

International J. Plastics Technology, **7** (2), p. 32-40.

12. Deepak Srivastava (2004)
Study of ageing characteristics of ternary blends of polyethylenes - II.
Polymers and Environment, **12** (1), p. 27-33.
13. Deepak Srivastava, Pramod Kumar and G. N. Mathur (2004)
Thermo-oxidative Degradation Studies of Ternary Blends of Polyethylene.
Advances in Polymer Technology, **23** (1), p. 59-70.
14. Deepak Srivastava (2005)
Studies on mechanical and thermal properties of ternary blends of polyethylenes - I
J. Appl. Polym. Sci., **96** (5), p. 1691 - 1698.
15. Shailesh K. Shukla & Deepak Srivastava (2006)
Blends of modified epoxy resins and carboxyl-terminated polybutadiene (CTPB) - I
J. Appl. Polym. Sci., **100** (3), 1802 – 1808.
16. Deepak Srivastava (2006)
Studies on mechanical and thermal properties of ternary blends of polyethylene having fixed percentage of high density polyethylene – II
Polymer - Plastics Tech. Engg., **45** (7), p. 879 - 883.
17. Archana Devi and Deepak Srivastava (2006)
Cardanol - based novolac type phenolic resins - I : A kinetic approach
J. Appl. Polym. Sci., **102** (3), 2730-2737.
18. K. Srivastava, M. K. Kaushik, D. Srivastava, and S. K. Tripathi (2006)
The effect of orientation of various phenols on the degradation kinetics of blends of resole and epoxy.
J. Appl. Polym. Sci., **102** (5), 4171-4176.
19. Shailesh Kumar Shukla, Deepak Srivastava (2006)
Blends of modified epoxy resin and carboxyl-terminated polybutadiene. I.
Appl. Polym. Sci., **100** (3), 1802.
20. Shailesh K. Shukla & Deepak Srivastava (2007)
Studies on the blends of modified epoxy resin and carboxyl-terminated polybutadiene (CTPB) – II
J. Mater. Sci., **42**, 3215.
21. Garima Tripathi and Deepak Srivastava (2007)
Effect of carboxyl-terminated poly(butadiene-co-acrylonitrile) (CTBN) concentration on thermal and mechanical properties of binary blends of diglycidyl ether of bisphenol (DGEBA) epoxy resin
Materials Science and Engineering: A, **443** (1-2), 262.

22. Archana Devi and Deepak Srivastava (2007)
Studies on the blends of cardanol-based epoxidized novolac type phenolic resin and carboxyl-terminated polybutadiene (CTPB), I
Materials Science and Engineering: A, **458** (1-2), 336.
23. Archana Devi and Deepak Srivastava (2007)
Studies on the blends of cardanol-based epoxidized novolac resin and CTPB
Eur. Polym. J., **43**(6), 2422.
24. Ranjana Yadav and Deepak Srivastava (2007)
Kinetics of acid-catalysed cardanol-formaldehyde reactions
Materials Chemistry and Physics, **106** (2007), 74-81.
25. Ranjana Yadav, Archana Devi, Garima Tripathi and Deepak Srivastava (2007)
Optimization of the process variables for the synthesis of cardanol-based novolac-type phenolic resin using response surface methodology
Eur. Polym. J., **43** (8), 3531-37.
26. Garima Tripathi and Deepak Srivastava (2008)
Effect of Carboxyl-Terminated Butadiene Acrylonitrile Copolymer Concentration on Mechanical and Morphological Features of Binary Blends of Nonglycidyl-Type Epoxy Resins
Advances in Polymer Technology, Vol. 26, No. 4, 258–271
27. Garima Tripathi and Deepak Srivastava (2008)
Studies on the physico-mechanical and thermal characteristics of blends of DGEBA epoxy, 3,4 epoxy cyclohexylmethyl, 3',4'-epoxycyclohexane carboxylate and Carboxyl terminated butadiene co-acrylonitrile (CTBN) Materials Science and Engineering: A, **496** (1-2) 483-493.
28. Kavita Srivastava, Deepak Srivastava, and S. K. Tripathi (2008)
Studies on the Effect of Curing Agent Concentration and Type of Phenol on Various Physico-Chemical Properties of Resole and Epoxy Blends
J. Appl. Polym. Sci., **110** (6) 3812-3819.
29. Ranjana Yadav and Deepak Srivastava (2008)
Studies on Cardanol-Based Epoxidized Novolac Resin and its Blends
International Journal of Chemistry and Chemical Technology, **2** (3) 173-184.
30. Garima Tripathi and Deepak Srivastava (2008)
Studies on the Mechanical Properties of Laminates from Blends of Epoxy Resin and Carboxyl-Terminated Acrylonitrile Butadiene Copolymer (CTBN) With Glass Fibers, Nonwoven and Technical Textiles, **1** (2), pp. 51.
31. Ranjana Yadav and Deepak Srivastava (2009)
Studies on the process variables of the condensation reaction of cardanol and formaldehyde by response surface methodology
Euro. Polym. J., **45** (3) 946-952.

32. Ranjana Yadav and Deepak Srivastava (2009)
Synthesis and properties of cardanol-based epoxidized novolac resin modified with carboxyl-terminated butadiene-acrylonitrile copolymer (CTBN)
Journal of Applied Polymer Science, **114** (3), 1670-1681.
33. Ranjana Yadav and Deepak Srivastava (2009)
The effect of CTBN concentration on the kinetic parameters of decomposition of blends of cardanol based epoxidized novolac resin modified with corboxyl terminated butadiene acrylonitrile copolymer.
J. Appl. Polym. Sci., **114** (3) 1694-1701.
34. Ranjana Yadav, Poonam Awasthi and Deepak Srivastava (2009)
Studies on the synthesis of modified epoxidized novolac resin from renewable resource materials for application in surface coatings
J. Appl. Polym. Sci., **114** (3) 1471-1484.
35. Garima Tripathi and Deepak Srivastava (2009)
Toughened cycloaliphatic epoxy resin for demanding thermal applications and surface coatings
J. Appl. Polym. Sci., **114** (5) 2769-2776.
36. Garima Tripathi and Deepak Srivastava (2009)
Studies on blends of cycloaliphatic epoxy resin with concentration of carboxyl terminated acrylonitrile copolymer I: thermal and morphological properties
Bulletin Materials Science, **32** (2), 199-204.
37. Minakshi Sultania, J. S. P. Rai and Deepak Srivastava (2009)
Studies on the kinetics of condensation of cardanol and formaldehyde- I
International Journal of Chemical Kinetics, **41** (9), 559–572.
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