

List of Ph.D. Students of Plastic Technology Department

| S.No. | Name of Student | Topic | Year | Guide |
|--------------|------------------------|---|-------------|----------------|
| 1. | Dr. G.P.Singh | Rheological Studies on Concentrated Polymer Solutions | 1977 | Dr. G.N Mathur |
| 2. | Dr. T.P.Srivastava | Block Copolymerization of Styrene and Acrylamide | 1978 | Dr. B.C.Mitra |
| 3. | Dr.A.K.Srivastava | Kinetics and Mechanism of Copolymerization | 1979 | Dr. G.N Mathur |
| 4. | Dr. U.N.dwivedi | Copolymerization and their Studies | 1980 | Dr. B.C.Mitra |
| 5. | Dr.Ajit B.Mathur | Studies of Mechanism of Degradation of Polyolefins | 1980 | Dr. G.N Mathur |
| 6. | Dr.Vijay Kumar | Evaluation of various substituted Phenols on Antioxidants for Polyolefins | 1980 | Dr. G.N Mathur |
| 7. | Dr.Pradeep Singh | Kinetic Study of vinyl monomer with complex agents | 1982 | Dr. G.N Mathur |
| 8. | Dr. A.K.Nagpal | Effect of zinc and iron chloride on degradation of PVC | 1983 | Dr. G.N Mathur |
| 9. | Dr. J.S.P.Rai | Synthesis and thermal behaviour Epoxy resin on Novolacs | 1984 | Dr. G.N Mathur |
| 10. | Dr. R.N.Gupta | Studies on efficiency of Stabilization in Polyethylene | 1984 | Dr. G.N Mathur |
| 11. | Dr. Prabhat Saxena | Study on reactions in Polymethane | 1984 | Dr. G.N Mathur |
| 12. | Dr. Sunil Srivastava | Development of interpenetrating network | 1984 | Dr. G.N Mathur |
| 13. | Dr. Anjali Babbar | Kinetics of Reaction of Epoxy Novolac Block Copolymer | 1984 | Dr. G.N Mathur |
| 14. | Dr.Alkendu Srivastav | Synthesis & Characterization of PTFE | 1985 | Dr. G.N Mathur |
| 15. | Dr.Madhurima Dubey | Studies on Polymerization of Vinyl monomer in presence of P-Yields | 1985 | Dr. G.N Mathur |
| 16. | Dr.Rajiv Njgam | Development of Polyurethanes | 1986 | Dr. G.N Mathur |
| 17. | Dr.Rajesh Tripathi | Studies on interaction of Polyurethane polymers on leather | 1987 | Dr. G.N Mathur |
| 18. | Dr. K.D.Sinha | Studies on Epoxy Novolac Block copolymer | 1987 | Dr. G.N Mathur |
| 19. | Dr. Sanjeev Gupta | Studies on synthesis of Polurethane | 1988 | Dr. G.N Mathur |
| 20. | Dr. Dinesh Narayan | Studies on thermal behaviour and degradation of epoxies | 1989 | Dr. G.N Mathur |
| 21. | Dr.V.P.Malhotra | Evaluation of Organo Antimony | 1990 | Dr. G.N Mathur |

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| | | compounds on flame retardancy of plasticized PVC | | |
| 22. | Dr. Neeta srivastava | Kinetics of Copolymerization of Vinyl monomers in presence of complexing agent | 1990 | Dr. J.S.P.Rai |
| 23. | Dr. Dhirendra Nigam | Synthesis and Characterization of Epoxy Novolac block copolymer | 1991 | Dr. G.N Mathur |
| 24. | Dr. Anjali Mishra | Degradation kinetics of polypropylene | 1991 | Dr. G.N Mathur |
| 25. | Dr. Ravi Saxena | Synthesis and characterization of IPNs | 1991 | Dr. G.N Mathur |
| 26. | Dr. Atul Tewari | Synthesis and characterization Epoxy Resole blends | 1992 | Dr. G.N Mathur |
| 27. | Dr. Vivekanand Badoni | Degradation kinetics of Nylon-6 | 1992 | Dr. G.N Mathur |
| 28. | Dr. Pradeep Agarwal | Synthesis and characterization of Epoxy Novolac block copolymer | 1993 | Dr. G.N Mathur |
| 29. | Dr. Deepak Srivastava | Synthesis and Characterization of thermoplastic liquid crystalline Polymers with Mesogenic side groups | 1993 | Dr. G.N Mathur |
| 30. | Dr. Neeraj Kumar Gupta | Studies on the property profiles of crosslinkable PVC by γ - radiation | 1993 | Dr. G.N Mathur |
| 31. | Dr. Bharti Gaur | Synthesis and thermal behaviour vinyl ester resins based on epoxy resin | 1993 | Dr. J.S.P.Rai |
| 32. | Dr. Anju Singh | Studies and characterization of epoxy resin | 1994 | Dr. G.N Mathur |
| 33. | Dr. Abha Shukla | Studies on conductive polypyrrol | 1994 | Dr. G.N Mathur |
| 34. | Dr. Indira Nigam | Rheological Characterization of blends of polycarbonate with various polymers | 1994 | Dr. G.N Mathur |
| 35. | Dr. Achla Jha | Synthesis and characterization acrylamide based copolymers | 1994 | Dr. J.S.P.Rai |
| 36. | Dr. Suman Katiyar | Studies of Elastomer modified Bismaleimide resin | 1994 | Dr. A.K.nagpal |
| 37. | Dr. Aradhana Sharma | Development of LCP polymers | 1994 | Dr. G.N Mathur |
| 38. | Dr. Anita Agarwal | Development of LCP polymers | 1994 | Dr. G.N Mathur |
| 39. | Dr. Snjay Mathur | Photo resist polymers | 1994 | Dr. G.N Mathur |
| 40. | Dr. Alka Mehrotra | Development of LCP polymers | 1994 | Dr. G.N Mathur |
| 41. | Dr. Madhumita Swaroop | Studies on mastication of polypropylene/ butadiene styrene block copolymers | 1997 | Dr. G.N Mathur |

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|-----|------------------------|--|-------|----------------------|
| 42. | Dr.Rajesh Garg | Studies on blends of LDPE, LLDPE and HDPE | 1998 | Dr. G.N Mathur |
| 43. | Dr.Reena Singhal | Study on controlled release of from polymer matrices | 1998 | Dr. G.N Mathur |
| 44. | Dr. Anil Kumar Jain | Studies on the Modification of Polypropylene(PP) WITH Ethyle Propylene-Diene-Rubber (EPDM) | 2002 | Dr. A.K. Nagpal |
| 45. | Dr.Shailesh K. Shukla | Studies on blends of epoxy, resoles and carboxyl-terminated polybutadiene (CTPB). | 2002 | Dr.Deepak Srivastava |
| 46. | Dr. Tamanna Begum | Synthesis & Characterization of Modified polyacrylamide based copolymeric hydrogels | 2003 | Dr.Reena Singhal |
| 47. | Dr . Neelam Pal | Curing and Thermal Properties of blends of Vinyl Ester Resins | 2004 | Dr. J S P Rai |
| 48. | Dr .Alka Gupta | Synthesis and Characterization of Reactive Blends Based on EpoxyResins and Polycaprolactam | 2004 | Dr. A.K. Nagpal |
| 49. | Dr .Surendra Kr. Gupta | Studies on the Property Profiles Rubber on wood polymer composites processed by gamm Radiation | 2004 | Dr. A.K. Nagpal |
| 50. | Dr. Mudit Goel | Study of thermal and physico of polyether ether Ketone(PEEK) Liquid Crystalline polymer blen | 2005 | Dr. A.K. Nagpal |
| 51. | Dr.Rajesh Tewari | Kinetics of Ru(III) Catalysed Polymerization of Vinyl Mono by Charge Transfer Complex | 2006 | Dr. J S P Rai |
| 52. | Dr.Indu Gupta | A study of En-vironment Res- ponsive (Smart) Hydrogels base on Polyacryl-amide and Acrylat | 2008 | Dr.Reena Singhal |
| 53. | Dr. Rajiv Singh Toma | Synthesis and Characterization of Super Absorbent polymers base Acrylamide and Acrylic acid. | 2008 | Dr. A.K. Nagpal |
| 54. | Dr. Archana Devi | Studies on the blends of cardano based epoxidised novolac andCTPB. | 2008 | Dr.Deepak Srivastava |
| 55. | Dr. Garima Tripathi | Studies on the blends of epoxy, cycloaliphatic epoxy and CTBN | 2008 | Dr.Deepak Srivastava |
| 56. | Dr. S K Singhal | Optimum Part Deposition Orientation and Adaptive Slicin SL and SLS Prototyping | 2008 | Dr. A.K. Nagpal |
| 57. | Dr. Bilson Shukla | Effect of Electrical Insulating. Mechanical and Thermal Property of solvent less Polyester Varnish | 2010. | Dr. A.K. Nagpal |

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| 58. | Dr. Ranjana Yadav | Studies on the blends of cardano based epoxidized novolac resin CTBN | 2009 | Dr. Deepak Srivastava |
| 59. | Dr. Suman Kumari | 'Studies on Synthesis of Modifie Copolymer of Styrene and Mal Anhydride | 2010 | Dr. Indira Nigam |
| 60. | Dr. Arun Maithani | Studies on vinyl ester resins and their blends for use in surface coatings | 2010 | Dr. Deepak Srivastava |
| 61. | Dr. Sweta Bajpai | Effect of Higher Acrylates on the Synthesis and Characterization of Crosslinkable Copolymers of MMA and Diacrylate/ Dimethacrylates'.Anhydride | 2011 | Dr. Indira Nigam |
| 62. | Dr. Minakshi Sultania | Studies on the synthesis and characterization of vinyl ester re from renewable resource materi | 2012 | Dr. Deepak Srivastava |
| 63. | Dr. Arundhati | “Studies on Thermomechanical properties of blends based on Polysulfide &Epoxy Resin” | 2012 | Dr. A.K. Nagpal |
| 64. | Dr. Rashmi Katiyar | 'Synthesis and Characterization Copolymers of fullerene with v monomers using Bismuthoniumylide as a novel initiator | 2013 | Dr. Indira Nigam |
| 65. | Dr. Seema Awasthi | Synthesis and Characterzation of Smart Hydrogels based on Acrylamide and Sodium Acryla modified with Acrylic derivativ | 2014 | Dr. Reena Singhal |
| 66. | Dr. Priti Shukla | Studies on Vinyl ester resins bas on phenol cardanol novolacs | 2014 | Dr. Deepak Srivastava |
| 67. | Dr. Ravindra Singh | Synthesis and Characterization o copolymers of vinyl monomers fullerene | 2014 | Dr. Deepak Srivastava |
| 68. | Dr. Tripti Singh | Synthesis and Characterzation of Multifunctional copolymeric Hydrogels” | 2016 | Dr. Reena Singhal |
| 69. | Dr. Jgarati Kandpal | Effect of Thermoplastics on The and Mechanical Properties of Multifunctional Epoxies | 2016 | Dr. A.K. Nagpal |
| 70. | Dr. Riya Srivastava | Development of modified epoxy matrix from furfural | 2017 | Dr. Deepak Srivastava |
| 71. | Dr. Shrawan Kumar Shukla | Studies on cardanol based resin systems for application in | 2018 | Dr. Deepak Srivastava |

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| | | protective coating | | |
| 73. | Dr. Manoj Kumar Shukla | Study of thermal & mechanical properties of nano CaCO ₃ Modification DGEBA Epoxy matrix/Glass fibre composites | 2018 | Dr. Deepak Srivastava |
| 74. | Dr. Indrajeet Sen | Studies on method development analysis of food and food product | 2021 | Dr. Deepak Srivastava |
| 75. | Dr. Shipra Agnihotri | Synthesis and Characterization of Multicomponent Ionic Hydrogel based on Natural Carbohydrates for Water purification | 2022 | Dr. Reena Singhal |
| 76. | Shilpi Tiwari | Studies on effect of nano filler of chemical, mechanical and thermal properties of epoxy/Fly ash nanocomposite | 2023 | Dr. Deepak Srivastava |
| 77. | Harendra Kumar | Preparation and characterization NBR-PP-MMT and NBR-PP-H elastomer nanocomposites | Under Progress | Dr. Deepak Srivastava |
| 78. | Nidhi Raj Yadav | Studies on preparation and characteristics of starch based bioplastics | Under Progress | Dr. Deepak Srivastava |
| 79. | Nidhi Talwar | Optical, mechanical and morphological properties of DGEBA epoxy nano composite | Under Progress | Dr. Deepak Srivastava |
| 80. | Akanksha Verma | Design and Development of Asymmetric super capacitor device based on conducting polymer a metal oxide/sulfide nanostructure for energy storage application. | Under progress | Dr. Soma Banerjee |
| 81. | Brijesh Kumar Yadav | Halogen free fire retardant cable compounds | Under Progress | Dr. Soma Banerjee |