

Faculty wise Publications

Dr. G M Shashidhara:

1. Shashidhara G. M., Ravindram M. "A kinetic study of the methanation of CO₂ over Ni-Al₂O₃ catalyst" *React.Kinet. Catal. Lett.* (1988) 37(2) 451-456.DOI 10.1007/BF02062098
2. Shashidhara G. M., Ravindram M. "Methanation of CO₂ over Ru- SiO₂ catalyst", *React. Kinet. Catal. Lett.* (1992) 46(2) 365-372.DOI 10.1007/BF02070959
3. Shashidhara G. M, Ravindram M., Manaschanda. "A simplified kinetic model for oxidative dehydrogenation of ethylbenzene over Pd-NaBr/Al₂O₃ catalyst" *Chemical Engineering Communications*(1994) 129(1) 201-215.DOI: 10.1080/00986449408936259
4. Shashidhara G. M, Ravindram M., Manaschanda. "A mechanistic study of oxidative dehydrogenation of ethyl benzene over Pd-NaBr/SiO₂ catalyst", *Indian Chem. Engr. Sec-A.* (1995) 37(3) 105-112.
5. Shashidhara G. M, Ravindram M., Manaschanda. "Kinetic modeling of oxidative dehydrogenation of ethylbenzene on modified Palladium catalyst", *Indian Chem. Engr. Sec-A.* (1996) 38(4), 145-151.
6. Kumar R, Harindra Kumar, Shashidhara G. M. "Correlation between ash content and mechanical properties of natural rubber and EPDM rubber" *Indian Chem. Engr. Sec-A.* (1999) 41(3) T75-T78.
7. Vinay M.N., Ravishankar S., Girish T.P, Radhakrishnan R., AnanthapadmanabhaG.S., Shashidhara G.M. "Effect of addition of reprocessed nylon 6 with virgin material for roller assembly used in printers" *Journal of Applied Polymer Science* (2000) 78(10) 1737-1743.DOI: 10.1002/1097-4628(20001205)78:10<1737::AID-APP40>3.0.CO;2-W
8. Sreekanth B P, ShriharshaBhat, Raghavendra D, Ananthapadmanabha G. S., Shashidhara G. M. "Effect of replacement of castor oil and polychloroprene by chlorinated paraffin wax in butyl compounds of tyre-curing bladder", *Polymer International*(2000) 49(12) 1684-1692.DOI: 10.1002/1097-0126(200012)
9. Shashidhara G.M.,**Guruprasad K.H., Varadarajulu A.** "Miscibility studies on blends of cellulose acetate and Nylon 6", *European Polymer Journal* (2002) 38(3) 611-614. [http://dx.doi.org/10.1016/S0014-3057\(01\)00215-4](http://dx.doi.org/10.1016/S0014-3057(01)00215-4)
10. Varadarajulu A, Sanjeev Kumar S. V., BabuRao G., Shashidhara G.M., Jiasong He, Jun Zhang. "Tensile Properties of Glass Rovings/Hydroxyl Terminated Polyester Toughened Epoxy Composites", *Journal of Reinforced Plastics and Composite* (2002)1(17) **1591-1596**.doi:10.1177/0731684402021017494

11. K. H. Guruprasad, Shashidhara G. M. "Grafting, blending, and biodegradability of cellulose acetate", *Journal of Applied Polymer Science* (2004) 91(3) **1716-1723**.DOI: 10.1002/app.13386
12. Shashidhara G.M. and Guruprasad K. H. "Effect of concentrated sulfuric acid and nitroethane on insoluble residues in acetylating medium of cellulose acetate prepared from low grade pulps", *Journal of Applied Polymer Science* (2005) 98(4) 1765–1771.DOI: 10.1002/app.22361
13. Shashidhara G. M., DevarajBiswas, B. ShubhalaksmiPai, Ajay Kumar Kadiyala, WasimFeroze G. S., Ganesh M. "Effect of PP-g-MAH compatibilizer content in polypropylene/nylon-6 blends",*Polymer Bulletin* (2009) 63(1) 147-157.DOI 10.1007/s00289-009-0074-7
14. Shashidhara G. M., Naveen Kumar K. "Proton Conductivity of SPEEK Membranes",*Polymer-Plastics Technology and Engineering* (2010) 49(8) 796-806.**DOI:** 10.1080/03602551003749601
15. Shashidhara G. M., Pradeepa K. G., RupalikaGoel, Bharath R., ArunDhumalRao, Abhilash R. "Comparative study on the properties of PVC/TPU blends prepared by single screw and twin screw extruders", *Material Science Research Journal* (2010) 7(2) 457-466.ISSN 0973-3469
16. Kameshwari~~devi~~ S.H., Shashidhara G.M., Ghosh A.K. "Characterization of HDPE/MMT-based Nanocomposites" *Composite Interfaces* (2010) 17(2-3) 217-222.**DOI:**10.1163/092764410X490617
17. Shashidhara G.M., Kameshwari~~devi~~ S.H. "Studies on PP/SBS blends with and without nanoclay",*Indian Journal of Engineering & Materials Sciences* (2011) 18(1) 69-78.ISSN: 0975-1017 (Online); 0971-4588
18. Shashidhara G. M., Shwetha Krishna, SoumyadebGhosh. "Preparation and X-Ray Diffraction Studies ofNanocompositesOf PMMA/PEG Modified Organoclays", *Nano Science and Nano Technology An Indian Journal* (2011) 5(1) 63-68.
19. Pattanshetti, V.V., Shashidhara G. M. "Poly Aryl Ether Ketone based Novel nano composites as dielectric material for power equipment" Published in *IEEE Conference Publications, 10th International Conference on the Properties and Applications of Dielectric Materials (ICPADM)*, 24-28 July 2012, Page(s): 1 – 5; ISSN : 2160-9225; Print ISBN: 978-1-4673-2852-4, INSPEC Accession Number: 13057924; Digital Object Identifier: 10.1109/ICPADM.2012.6319016
20. Shashidhara G. M., Kameshwari Devi S. H., Preethi S. "Isothermal crystallization behavior of PP and PP-g-GMA copolymer at high under cooling" *Polymer Science Series A: Polymer Physics* (2013) 55(6) 393-403.DOI 10.1134/S0965545X13060059
21. Shashidhara G. M., Pradeepa K. G. "Preparation and characterization of Polyamide

- 6 /Liquid natural rubber blends” *Journal of Applied Polymer Science* (2013)
Article first published online: 5 AUG 2013, DOI: 10.1002/app.39750
22. Shashidhara G. M. Kameshwari Devi S. H., Shreyas D.K. “Effect of Thermoplastic Polyurethane content on properties of PC/TPU blend filled with Montmorillonite”, *Carbon – Sci. & Tech.* (2013) 5/1 218 – 224.
 23. Pankaj K Aggarwal, Shakti Chauhan, Raghu N Gowda, Sonali Karmarkar, Shashidhara G. M. Mechanical properties of bio-fibers-reinforced high-density polyethylene composites: effect of coupling agents and bio-fillers *Journal of Reinforced Plastics and Composites* (2013) 0731684413500545, first published on August 15, 2013 as doi:10.1177/073168441350054
 24. Shashidhara G M and KG Pradeepa Isothermal crystallization of Polyamide 6/Liquid natural rubber blends at high under cooling (2014) *Thermochimica Acta* 578, 1-9.
 25. Shashidhara G. M and Nagendra M. S “Fabrication of SIS RP machine and Optimization of Sintering conditions for selected thermoplastic Polymers” (communicated to *International Journal of Additive and Subtractive Materials Manufacturing* 29th May 2017).
 26. Pradeepa K G and Shashidhara G M “Comparative study on experimental and Kerner model predictions of viscoelastic properties of Polyamide 6/ Polyvinyl alcohol blends” (communicated to *Journal of Polymer Engineering* 24th Oct 2017).
 27. Shashidhara G M and Lakshmi S “Characterized ion of Peroxidase enzyme and detoxification of phenols using Peroxidase enzyme obtained from Zea mays waste” (communicated to *Applied Water Science* 30th October 2017).

Dr. Siddaramaiah:

1. N.P. Suryanarayana, K.S. Jagadeesh and **Siddaramaiah**: "Applications of Thermal Analysis Methods for Rapid Determination of Compounding Parameters in Rubber Composites", *Rubber India*, **41**, 7 (1989) 13-18.
2. N.P.Suryanarayana, K.S.Jagadeesh and **Siddaramaiah**: "Thermal Properties of Nylon-6 Tyre Cords", *Rubber News*, **29**, 1 (1989) 39.
3. N.P.Suryanarayana, K.S.Jagadeesh and **Siddaramaiah**: "A Study on the Vulcanization of Natural Rubber by Computer-Aided Differential Scanning Calorimetry", *J. Polymer Matl.*, **7** (1990) 297-301.
4. K.S.Jagadeesh, **Siddaramaiah** and V.Kalpagam: "Differential Scanning Calorimetry Cure Studies on the Effect of Addition of Epoxy Diluents to Tetrafunctional Resins", *J. Appl. Polym. Sci.*, **40** (1990) 1281-1288.
5. K.S.Jagadeesh and **Siddaramaiah**: "Effect of Catalyst on the Curing of Tetrafunctional Epoxy Resin Formulations", *J. Appl. Polym. Sci.*, **43** (1991) 1459-1465.
6. K.S.Jagadeesh and **Siddaramaiah**: "Curing Kinetics of Epoxy, Formulations with Diaminodiphenyl Ether", *Polym. Intl.*, **26** (1991) 129-132.
7. K.S.Jagadeesh and **Siddaramaiah**: "Characterization of Cured Epoxy Systems by Dynamo Mechanical Spectrometry and Thermogravimetry", *J. Polym. Matl.*, **9** (1992) 179-184.
8. K.S.Jagadeesh and **Siddaramaiah**: "Fibre Reinforced Composites of Multifunctional Epoxy Resins", *Polym. Intl.*, **33** (1994) 367-372.
9. **Siddaramaiah** and K.S.Jagadeesh: "Properties of Multi- functional Epoxy Resins cured with different Amines", *J. Polym. Matl.*, **13** (1996) 223-231.
10. **Siddaramaiah**, K.S.Jagadeesh and G.Prabhakara: "Cure Kinetics of Epoxy Formulations with Diaminodiphenyl Methane", *Ind. J. Engg. and Matl. Sci.*, **3** (1996) 114-118.
11. H.S. Bojyanaik, **Siddaramaiah**, and P.G. Ramappa: "Thermal Degradation of Cobalt (II) - Oxepin Complexes", *Thermochimica Acta*, **287** (1996) 279-286.
12. T.Jeevananda and **Siddaramaiah**: "Studies on Microcrystalline Cellulose Powder", *Ind. J. Engg. and Matl. Sci.*, **4** (1997) 38-40.
13. S.Shanmukhappa, **Siddaramaiah** and P.G.Ramappa: "Thermoanalytical and Spectral Characterization of Cd (II) - Propantheline Bromide Complexes", *Asian J. Chemistry*, **9** (4) (1997) 715-721.
14. A.Ramakrishna, A.N.Srivatsa, **Siddaramaiah** and A.Varadarajulu: "The Effect of Thermal Treatment on the Properties of PP Films and Laminates", *Packaging Tech. and Sci.*, **10** (1997) 83-86.
15. S. Shanmukhappa, **Siddaramaiah** and P.G.Ramappa: "Thermal Degradation Kinetics and Antimicrobial Studies of Ni (II) - Propantheline Bromide Complexes", *Samyak J. Chem.*, **1** (1) (1997) 22-25.
16. **Siddaramaiah**, R.T. Nagaralli, A. Ramakrishna and A. Varadarajulu: "Physico-Mechanical and Optical Properties of Filled Polyethylene Films", *J. Plastic Films and Sheeting*, **13** (1997) 252-262.
17. **Siddaramaiah**, S.Roopa, U.Premakumar and A.Varadarajulu: "Sorption and Diffusion of Aldehydes and Ketones into Natural Rubber Blends", *J. Appl. Polym. Sci.*, **67** (1998) 101-112.
18. **Siddaramaiah** and S. Roopa: "Sorption and Diffusion of Alkane Penetrants into Natural Rubber Blends", *J. Polym. Matl.*, **15** (1998) 31-37.

19. **Siddaramaiah** and P.Mallu: "Sorption and Diffusion of Aldehydes and Ketones through Castor Oil Based IPN's of PU/PS", *J. Appl. Polym. Sci.*, **67**, 12 (1998) 2047-2055.
20. **Siddaramaiah**, P. Mallu and R. Somashekar: "Characterization of Castor Oil Based IPN's of PU/PS", *J. Appl. Polym. Sci.*, **68** (1998) 1739-1744.
21. **Siddaramaiah**, V.A.Joy, A.N. Swarna Gowri, B. Leena, V.Vydehi Hemmege and S.Deepa: "Tensile Behavior of Composite Patched Cracked Metallic Structures", *J. Appl. Polym. Sci.*, **68** (1998) 2063-2068.
22. **Siddaramaiah**, S.Roopu and U.Premakumar: "Sorption and Diffusion of Substituted Aromatic Penetrants into Natural Rubber Blends", *Polymer*, **39** (17) 1998, 3925-3931.
23. A.Varadarajulu, R.Lakshminarayana Reddy and **Siddaramaiah**: "Ultrasonic, Refractometric and Viscosity Studies of some Polymer Blends in Solution", *J. Appl. Polym. Sci.*, **70** (1998) 1823-1827.
24. H.S. Bhojyanaik, **Siddaramaiah**, and P.G.Ramappa: "Thermogravimetric Analysis of Co(II)-Dothiepin Complexes", *J. Thermal Analysis and Calorimetry*, **55** (3), (1999) 841-849.
25. J.Anand, S. Palaniappan, **Siddaramaiah**, S.Prathima and D.N. Sathyanarayan: "Spectral, Thermal and Electrical Properties of Poly (O-and M-Toluidine) - PVC Blends Prepared by Solution Blending", *Eur. Polym. J.*, **35** (1999) 499-507.
26. **Siddaramaiah**, P.Mallu and A.Varadarajulu: "Thermal degradation kinetics of castor oil based PU/PS interpenetrating polymer network", *Polym. Degradation & Stability*, **63** (1999) 305-309.
27. H.G.Shivakumar, G.Ramalingaraju and **Siddaramaiah**: "Influence of Solvents on the Crystal Habit and Properties of Paracetamol Crystals", *Ind. J. Pharma. Sci.*, **61** (2) (1999) 100-104.
28. **Siddaramaiah**, S.V.Sureesh, V.B.Atul, D.Srinivas and S.Girish: "Effect of aggressive environments on glass reinforced composite properties", *J. Appl. Polym. Sci.*, **73** (1999) 795-799.
29. **Siddaramaiah**, R.T.Nagaralli, P.Ravi, K.R.Kumar and K.S.Jagadeesh: "Effect of Fillers on the Properties of LDPE Films", *J. Polym. Matl.*, **16** (1999) 233-237.
30. **Siddaramaiah**, P.Mallu, H.G.Naik and T.M.Aminbhavi: "A Computer Simulation Method to Calculate Concentration Profiles in Polymeric Membranes", *J. Appl. Polym. Sci.*, **73** (1999) 2051-2055.
31. T.Jeevananda, S.Palaniappan and **Siddaramaiah**: "Spectral and Thermal Studies on Polyaniline - Epoxy Novolac Resin Composite Materials", *J. Appl. Polym. Sci.*, **74** (1999) 3507-3512.
32. **Siddaramaiah**, A.Ramakrishna, Nagappa and R.Somashekar: "WAXS Studies of Thermally Treated Polypropylene Films and Laminates", *J. Polymer Materials*, **17** (2000) 63-68.
33. V. Annadorai, R.G. Urs, **Siddaramaiah** and R. Somashekhar: "Small Angle X-ray Scattering in Nylon 6 using Exponential Distribution of Phase Lengths", *Polymer*, **41** (15) (2000) 5689-5693.
34. T.Jeevananda, S.Palaniappan and **Siddaramaiah**: "Electrical, Mechanical, Thermal Properties of Polyaniline-Epoxy Novalac Composite Materials", *J. Polym. Mater.*, **17** (2000) 313-318.
35. Muneera Begum, A.Varadarajulu and **Siddaramaiah**: "Estimation of Thermal Parameters of Polyamides Based on Group Additive Methods", *J. Polym. Matl.*, **17** (2000) 329-332.

36. P.Mallu, **Siddaramaiah** and R. Somashekar: "Phase Modification of Castor oil Based PU/PAN IPNs", *Bull. Matl. Sci.*, **23** (5) (2000) 413-418.
37. E.Misra, **Siddaramaiah**, K.R.Kumar and P.Ravi: "Effect of Recycled on the Properties of Polyethylene Terephthalate Films", *Polymer Intl.*, **49** (2000) 1636-1640.
38. B.K.Kendaganna Swamy, V.Annadurai, **Siddaramaiah** and R.Somashekar: "Physico-mechanical, Optical and WAXS Studies of Chain Extended PU Films", *J. Macromolecular Sci., Part A Polymer Chem.*, **A 37** (12) (2000) 1617-1625.
39. Baldevraj, V.Annadurai, Madan Raj, **Siddaramaiah** and R. Somashekar: "Structure-property Relationship in LDPE-Starch Immiscible Blends", *Eur. Polym. J.*, **37** (5), (2001) 943-948.
40. T. Jeevananda, Muneera Begum and **Siddaramaiah**: "Mechanical, Electrical and Thermal Studies on Polyaniline Filled IPN's of PU/PMMA", *Eur. Polym. J.*, **37** (6) (2001) 1213-1218.
41. P.Ravi, S. Divakar, **Siddaramaiah** and R. Somashekar: "Physico-Chemical Properties of PS Polymer Prepared by Inclusion Polymerization", *J. Polym. Matl.*, **19** (2001) 127-134.
42. T. Jeevananda, **Siddaramaiah**, V. Annadurai and R. Somashekar: "Studies on SLS Doped Polyaniline and its Blends with PC", *J. Appl. Polym. Sci.*, **82** (2001) 383-388.
43. T. Jeevananda and **Siddaramaiah**: "Thermal and Morphology Studies on EVA-Polyaniline Blends", *Thermochimica Acta*, **376** (2001) 51-61.
44. B.K.K. Swamy, **Siddaramaiah** and T.M.Aminabhavi: "Interaction of Chain Extended Polyurethanes with Chlorinated Alkanes", *Polym. News*, **26** (12) (2001) 421-424.
45. T. Jeevananda, **Siddaramaiah**, H.Somashekarappa and R. Somashekar: "Electrical, Physico-mechanical and X-ray Studies on Ethylene-vinyl acetate copolymer- Polyaniline Blends", *J. Appl. Polym. Sci.*, **83** (2002) 1730-1735.
46. B.K.K.Swamy and **Siddaramaiah**: "Chain Extended Polyurethanes- Synthesis and Characterization", *J. Appl. Polym. Sci.*, **84** (2002) 359-369.
47. Baldevraj, A.Eugene Raj, K.R.Kumar and **Siddaramaiah**: "Moisture-sorption Characteristics of Starch/LDPE Films", *J. Appl. Polym. Sci.*, **84** (6) (2002) 1193-1202.
48. Muneera Begum, A.Varadarajulu and **Siddaramaiah**: "Estimation of Dielectric Constants of Some Polyamides Based on Group Additive Methods", *Indian J. Chem. Tech.*, **9** (2002) 134-136.
49. **Siddaramaiah**, Baldevraj, D. Nagaraj, Vijay Kumar and K. Udaya Shankar: "Effect of wax and TiO₂ on the properties of LDPE films", *Ind. Packaging Tech.*, **35** (4) (2002) 31-38.
50. Muneera Begum, A.Varadarajulu and **Siddaramaiah**: "Estimation of Dielectric Constants of Some Halogenated Polymers by Group Additive Methods", *Indian J. Chem. Tech.*, **9** (2002) 526-528.
51. B.K.Kendaganna Swamy, **Siddaramaiah** and R.Somashekar: "Structure-property relationship of diol chain extended castor oil based PUs", *J. Matl. Sci.*, **38** (3) (2003)451-460.
52. **Siddaramaiah**, S.Roopaa and K.H.Guruprasad: "Interaction of Crosslinked EPDM blends with Chlorinated Organic Penetrants", *J. Appl. Polym. Sci.*, **88** (5) (2003) 1366-1375.
53. T. Jeevananda and **Siddaramaiah**: "Synthesis and Characterization of Polyaniline Filled PU/PMMA IPNs", *Eur. Polym. J.*, **39** (3) (2003) 569-578.
54. **Siddaramaiah**, S.Roopaa and K.H.Guruprasad: "Interaction of Crosslinked EPDM/SBR Blends with Carbonyl Penetrants", *J. Polym. Engg.*, **23** (1) (2003) 55-57.

55. T.Jeevananda and **Siddaramaiah**: "Synthesis and Characterization of EVA-Polyaniline Blends by Emulsion Polymerization Technique", *Polymer Engg. & Sci.*, **43** (5) (2003) 1138-1150.
56. B.K.Kendaganna Swamy and **Siddaramaiah**: "Sorption and Diffusion of Organic Penetrants into Diol Chain Extended PU Membranes", *J. Hazd. Matl.*, **B 99** (2003) 177-190.
57. Baldevraj, A. Eugene Raj, P.Madan Raj and **Siddaramaiah**: "Modeling of Moisture Sorption Isotherms of Poly (vinyl alcohol)/Starch Films", *J. Appl. Polym. Sci.*, **89** (14) (2003) 3874 - 3881.
58. **Siddaramaiah**, H.Kumar, S.Roopa, B.K.K.Swamy and T.M.Aminbhavi: "Computer Simulation Method to Calculate Concentration Profiles in PU/PS IPN Membranes", *J. Appl. Polym. Sci.*, **90** (1) (2003) 122-128.
59. Muneera Begum, **Siddaramaiah**, H.Kumar and T.M.Aminbhavi: "Molecular Transport of n-alkanes in to PU/PBMA IPN systems", *J. Appl. Polym. Sci.*, **90** (3) (2003) 739-746.
60. **Siddaramaiah**, T.Jeevananda, K.S. Jagadeesh, H.Somashekarappa and R.Somashekar: "Physico-mechanical, optical, barrier and WAXS studies of filled LLDPE films", *J. Appl. Polym. Sci.*, **90** (11) (2003) 2938-2944.
61. B.K.K. Swamy and **Siddaramaiah**: "Structure-property relationship of starch filled chain extended polyurethanes", *J. Appl. Polym. Sci.*, **90** (11) (2003) 2945-2954.
62. **Siddaramaiah**, Baldevraj and R. Somashekar: "Structure-properties in polyvinyl alcohol/starch composites", *J. Appl. Polym. Sci.*, **91** (1) (2004) 630-635.
63. Baldev Raj, K.Udaya Sankar and **Siddaramaiah**: "Low density polyethylene/starch blend films for food packaging applications", *Advances in Polym. Tech.*, **23** (1) (2004) 32-45.
64. Muneera Begum **Siddaramaiah**, H.Somashekarappa and R. Somashekar: "Structure-property relationship of castor oil based PU/PBMA Interpenetrating Polymer Networks," *J. Elastomers and Plastics*, **36** (3) (2004) 197-212.
65. T. Jeevananda, **Siddaramaiah**, S.Seetharamu, S.Saravanan and Lawrence D'Souza: "Synthesis and Characterization of Poly (Aniline-co-Acrylonitrile) Using Organic Benzoyl Peroxide by Inverted Emulsion Method", *Synthetic Metals*, **140** (2-3) (2004) 247-260.
66. B.K. Kendaganna Swamy, **Siddaramaiah**, H. Somashekarappa and R. Somashekar: "Structure-property Relationship of PAni Filled Chain Extended Polyurethane", *Polymer Engg. & Sci.*, **44** (2004) 772-778.
67. K.Vidyalakshmi, K.N.Rashmi, T.M.Pramod Kumar and **Siddaramaiah**: "Studies on Formulation and Invitro Evaluation of PVA/chitosan Blend Films for Drug Delivery", *J. Mac. Sci., Pure & Applied Chemistry*, **A 41**, 10 (2004) 1115-1122.
68. Muneera Begum and **Siddaramaiah**: "Synthesis and Characterization of PU/PBMA Interpenetrating Polymer Networks (IPNs)", *J. Matl. Sci.*, **39** (14) (2004) 4615-4623.
69. H.Kumar and **Siddaramaiah**: "Studies on bamboosa balcooa bamboo fiber for green composites with polyurethane and polyurethane/poly methyl methacrylate semi-interpenetrating polymer network", *J. Bamboo and Rattan*, **3** (3) (2004) 237.
70. H.Kumar, **Siddaramaiah** and S.Roopa: "Chemical and Tensile Properties of Unsaturated Polyester and Polyacrylonitrile Semi-Interpenetrating Polymer Network Coated Bamboo Fibers", *J. Reinforced Plastics & Composites*, **24** (2) (2005) 215-218.

71. H.Kumar and **Siddaramaiah**: "Study of Chemical and Tensile Properties of PU and PU/PAN Coated Bamboo Fibers", *J. Reinforced Plastics & Compo.*, **24** (2) (2005) 209-213.
72. P.R.Chetana, **Siddaramaiah** and P.G.Ramappa: "TGA studies of Metoclopramide Complexes of Cobalt (II) in the Solid State", *Thermochimica Acta*, 425 (2005) 13-21.
73. B.K.K. Swamy, **Siddaramaiah**, B.Vijay Kumar Naidu, N.N.Mallikarjuna and T.M.Aminabhavi: "Molecular Transport of n-Alkanes through Diol Chain Extended Polyurethane Membranes", *J. Appl. Polym. Sci.*, **96** (2005) 874-882.
74. A.Varadarajulu, G.Babu Rao, L.Gangadevi, Siddaramaiah, D.Subhaprada, K.Srikant Bhat and R.Shylashree: "Mechanical Properties of Short Natural Fiber Hildegardia Populifolia Reinforced Styrenated Polyester Composites", *J. Reinforced Plastics & Composites*, **24** (2) (2005) 423-428.
75. **Siddaramaiah**, P.Mallu, S.Roopa, H.Somashekarappa and R.Somashekar: "Physico-mechanical, Optical and WAXS Studies on Castor Oil Based PU/Polyacrylate IPNs", *J. Appl. Polym. Sci.*, **95** (3) (2005) 764-773.
76. H.Kumar and **Siddaramaiah**: "Study of Chemical and Tensile Properties of PU and PU/PS Coated Bamboo Fibers", *Polymer-Plastics Tech. & Engg.*, **44** (7) (2005) 1369-1377.
77. Muneera Begum and **Siddaramaiah**: "Estimation of Thermal Parameters of Halogenated Polymers Based on Group Additive Methods", *J. Elastomers & Plastics*, (2005), **36** (3) 259-266.
78. Baldev Raj, R.S.Jagadish, P. Srinivas and **Siddaramaiah**: "Crosslinking of LDPE by Diisocyanates for Superior Barrier Properties", *J. Appl. Polym. Sci.*, **96** (4) (2005) 1193-1199.
79. P. Poomalai and **Siddaramaiah**: "Studies on Poly(methyl methacrylate) (PMMA) and Thermoplastic (TPU) Blends", *J. Macromol. Sci.-Pure Appl. Chem.*, **A42** (10) (2005) 1399-1407.
80. H.Kumar, **Siddaramaiah**, G.N.Kumara Swamy, H.B.Ravikumar and C. Ranganathaiah: "Influence of Free Volume on the Physico-mechanical Behaviour of Polyurethane/Polyacrylonitrile Interpenetrating Polymer Networks", *Polym. Intl.*, **54** (2005) 1401-1407.
81. H.Kumar and **Siddaramaiah**: "A Study of Sorption/desorption and diffusion of substituted aromatic penetrants into semi interpenetrating polymer network of polyurethane/polymethyl methacrylate", *Polymer*, **46** (2005) 7140-7155.
82. M.N.Satheesh Kumar and **Siddaramaiah**: "Studies on Poly (Styrene-co-Butyl acrylate) Latex-reinforced Polyester Nonwoven Fabric Thermoplastic Composites", *J. Reinforced Plastics & Composites*, **24** (2005), 1413 – 1423.
83. M.N.Satheesh Kumar and **Siddaramaiah**: "Studies on Corn Starch Filled Poly (styrene-co-butyl methacrylate) Latex based Composites Reinforced with Polyester Non Woven fabric", *J. Reinforced Plastics & Composites*, **24** (2005) 1985- 1994.
84. **Siddaramaiah**, A.K.Bhattacharya and G.B.Nando: "Studies on Miscibility of Blends of Poly (Ethylene Acrylic Acid) and Ethylene Vinyl Acetate by Melt Rheology", *J. Appl. Polym. Sci.*, **98** (5) (2005) 1947-1954.
85. Baldev Raj, K.R.Kumar and **Siddaramaiah**: "PVA/Starch Ecofriendly Films for Food Packaging", *Trends in Carbohydrate Chemistry*, **9** (2005) 75-83.

86. H.B.Ravikumar, C.Ranganathaiah, G.N.Kumara Swamy and **Siddaramaiah**: "Influence of Free Volume on the Mechanical Properties of Epoxy/Poly (methyl methacrylate) Blends," *J. Matl. Sci.*, **40** (24) (2005) 6523-6527.
87. **Siddaramaiah**, T.M.Pramod Kumar, K.H.Divya, B.Hemavathi and D.S.Manjula: "Chitosan/HPMC Polymer Blends for Developing Transdermal Drug Delivery System", *J. Macromol. Sci.-Pure Appl. Chem.*, **A43** (3) (2006) 601-607.
88. P.Poomalai and **Siddaramaiah**: "Thermal and Morphological Studies on Poly (methyl methacrylate)/ Thermoplastic Polyurethane Blends", *J. Macromol. Sci.-Pure Appl. Chem.*, **43** (4) (2006) 695-702.
89. H. Kumar, **Siddaramaiah**, R.Somashekar, S.S.Mahesh, S.Abhishek, T.N.Guru Row and Geetha S. Kini: "Structure-Property Relationship of Polyethylene Glycol based PU/PAN Semi Interpenetrating Polymer Networks", *J. Appl. Polym. Sci.*, **99** (1) (2006) 177-187.
90. **Siddaramaiah**, K.H.Guruprasad, R.T.Nagaralli, H.Somashekarappa, T.N.Guru Row and R. Somashekar: "Physico-mechanical, Optical, Barrier and WAXS Studies of Filled LDPE Films", *J. Appl. Polym. Sci.*, **100** (4) (2006) 2781-2789.
91. Valluru Ravi, Subhash Chandra Bose, T.M. Pramod Kumar and **Siddaramaiah**: "Decolourization of distillery effluent using poly vinyl chloride and cellulose acetate phthalate as adsorbents", *J. Macromol. Sci.-Pure & Appl. Chem.*, **A43** (8) (2006) 1247-1254.
92. H.Kumar, A.Anilkumar and **Siddaramaiah**: "Physico-mechanical, thermal and morphological behaviour of PU/PMMA Semi Interpenetrating Polymer Networks" *Polym. Degradation and Stability*, **91** (2006) 1097-1104.
93. M.N.Satheesh Kumar and **Siddaramaiah**: "Studies on Acrylonitrile-Butadiene (NBR) Latex-Reinforced Jute Nonwoven Fabric Composites Chemical Resistance, Mechanical Properties and Water Absorption", *Polymer-Plastics Technology & Engg.*, **45** (2006) 409-414.
94. M.N. Satheesh Kumar, **Siddaramaiah**, J.H.Jagannath and A.S.Bawa: "Thermal and morphological studies of acrylonitrile-butadiene (NBR) latex-reinforced jute nonwoven fabric composites", *Polymers & Polym. Comp.*, **14** (4) (2006) 391-402.
95. Fernando G Souza Jr, B.G.Souares, G.L.Mantovanl, A.Manjunath, H. Somashekarappa, R.Somashekar and **Siddaramaiah**: "Blends of styrene-butadiene-styrene triblock copolymer/ polyaniline – characterization by WAXS", *Polymer*, **47** (6) (2006) 2163-2171.
96. M.N.Satheesh Kumar and **Siddaramaiah**: "Water absorption behavior of acrylonitrile-butadiene (NBR) latex impregnated jute nonwoven fabric composites", *J. Appl. Polym. Sci.*, **101** (3) (2006), 2045-2050.
97. N.M.Renukappa, R.D.Sudhakar Samuel and **Siddaramaiah**: "Studies of physico-mechanical and electrical properties of SBR/carbon black composites", *J. Reinforced Plastics & Comp.*, **25** (11) (2006) 1173-1178.
98. N.D.Jawali, B.Siddeshwarappa and **Siddaramaiah**: "Physico-mechanical properties, machinability and morphological behaviour of short glass fiber reinforced nylon 6 composites", *J. Reinforced Plastics & Comp.*, **25**, (13) (2006) 1409-1418.
99. Bluma G. Soares, M.S.M.Almeida, M.V.Deepa Urs, G.N.Kumaraswamy, C. Ranganathaiah, **Siddaramaiah**, and R.S.Mauler: "Influence of curing agent and compatibilizer on the physico-mechanical properties of polypropylene/nitrile butadiene rubber blends investigated by positron annihilation lifetime technique", *J. Appl. Polym. Sci.*, **102** (5) (2006), 4672-4681.

100. Fernando G. Souza Jr, Bluma G. Soares, **Siddaramaiah**, G.M.O. Barra and M.H. Herbst: Influence of plasticizers (DOP and CNSL) on mechanical and electrical properties of SBS/polyaniline blends, *Polymer*, **47** (21) (2006) 7548-7553.
101. **Siddaramaiah**, T.M.Pramod Kumar and Valluru Ravi: "Studies on biopolymers for ophthalmic drug delivery", *J. Macromol. Sci.-Pure & Appl. Chem.*, **A44** (2) (2007) 229-234.
102. Muneera Begum, **Siddaramaiah**, H.Somashekarappa and R.Somashekar: "Synthesis and characterization of polyurethane/polyvinylidene chloride interpenetrating polymer networks," *J. Appl. Polym. Sci.*, **103** (3) (2007) p. 1375-1381.
103. B.Suresha, G.Chandramohan and **Siddaramaiah**, P.Sampath Kumaran and S.Seetharamu: "Three-body abrasive wear behaviour of carbon and glass fibres reinforced epoxy composites", *Materials Sci. & Engg. A.*, **443** (2007) 285-291.
104. B.Suresha, G.Chandramohan, N.M.Renukappa and **Siddaramaiah**: "Mechanical and tribological properties of glass-epoxy composite with and without graphite particulate filler", *J. Appl. Polym. Sci.*, **103** (4) (2007) 2472-2480.
105. N.M.Renukappa, R.D.Sudhakar Samuel and **Siddaramaiah**: "Influence of volume fraction, voltage and temperature on the volume resistivity and break down voltage of carbon black filled SBR composites", *J. Reinforced Plastics & Composites*, **26** (2007) 25-40.
106. H.Kumar, **Siddaramaiah**, R.Somashekar and S.S. Mahesh: "Polyethylene glycol based PU/PMMA semi-interpenetrating polymer networks - Characterization by WAXS", *Materials Sci. & Engg. A.*, **447** (1-2) 2007, 58-64.
107. Bluma G.Soares, M.S.M.Almeida, M.V.Deepa Urs, C.Ranganathaiah and **Siddaramaiah**: "Effect of composition and dynamic vulcanization on the physico-mechanical properties of PP/NBR blends", *Polymer Testing*, **26** (2007) 88-94.
108. T.M.Mruthyunjaya Swamy and **Siddaramaiah**: "Studies on miscibility of sodium alginate/ polyethylene glycol blends", *J. Macromol. Sci.-Pure & Appl. Chem.*, **A44** (3) (2007) 321-327.
109. H.Kumar, **Siddaramaiah**, R.Somashekar and S.S.Mahesh: "Physico-mechanical and WAXS studies of pu/ps semi interpenetrating polymer networks", *Eur. Polym. J.*, **43** (2) (2007) 611-619.
110. M.N. Satheesh Kumar and **Siddaramaiah**: "Sorption and diffusion of water into melamine-formaldehyde (MF) incorporated poly vinyl acetate–polyester non-woven fabric reinforced composites", *Polym. Intl.*, **56** (2007) 409-414.
111. T.M.Pramod Kumar, H.M.Umesh, H.G.Shivakumar. V.Ravi and **Siddaramaiah**: "Feasibility of polyvinyl alcohol as a transdermal drug delivery system for terbutaline sulphate" *J. Macromol. Sci.-Pure & Appl. Chem.*, **A44** (6) 2007 583-589.
112. H. Kumar and **Siddaramaiah**: "Migration of substituted aromatic solvents into polyurethane/ polystyrene semi-interpenetrating polymer network", *J. Appl. Polym. Sci.*, **104** (1) (2007) 378-390.
113. T.M.Mruthyunjaya Swamy and **Siddaramaiah**: "Studies on miscibility of polyacrylamide/ polyethylene glycol blends", *J. Appl. Polymer Sci.*, **104** (3) (2007) 2048-2053.
114. P.Poomalai, B.Rama Raj and **Siddaramaiah**: "Poly (methyl methacrylate) toughened by ethylene-vinyl acetate co-polymer: physico-mechanical, thermal and chemical properties", *J. Appl. Polym. Sci.*, **104** (5) (2007) 3145-3150.

115. H.Kumar, J.C.Radha, C.Ranganathaiah and **Siddaramaiah**: "Physico-mechanical and free volume behaviour of guar-gum filled polyurethane/polyacrylonitrile biodegradable composites", *Eur. Polym. J.*, **43** (4) (2007) 1580-1587.
116. N.M.Renukappa, R.D.Sudhakar Samuel and **Siddaramaiah**: "Styrene butadiene rubber/Aluminium Powder Composites- Mechanical, Morphological and Electrical Properties", *J. Materials Sci.: Materials in Electronics*, **18** (6) (2007) 635-645.
117. D.V.Gowda, Darshan Jamindar, H.G.Shivakumar, **Siddaramaiah** and Valluru Ravi: "Influence of a microporous membrane coating on theophylline drug delivery", *Asian Journal of Pharmaceutical Sciences*, **2** (2) (2007) 58-67.
118. M.N.Satheesh Kumar and **Siddaramaiah**: "Studies on melamine-formaldehyde (MF) loaded polyvinyl acetate -polyester nonwoven fabric composites", *J. Thermoplastic Composite Materials*, **20** (2007) 305 - 322.
119. M.N. Satheesh Kumar, K.S. Manjula and **Siddaramaiah**: "Transport behavior of n-alkane penetrants into castor oil based polyurethane–polyester nonwoven fabric composites", *J. Hazd. Matl.*, **145** (2007) 36-44.
120. S.Roopaa and **Siddaramaiah**: "Effect of meta kaolin filler on the physico-mechanical properties and chemical resistance of chain extended polyurethane", *J. Reinforced Plastics & Composites*, **26** (7) (2007) 681-686.
121. M.N.Satheesh Kumar, K.S.Manjula and **Siddaramaiah**: "Castor-oil based polyurethane-polyester nonwoven fabric composites: mechanical properties, chemical resistance and water sorption behavior at different temperatures", *J. Appl. Polym. Sci.*, **105** (6) (2007) 3153-3161.
122. P.Poomalai, B.Rama Raj and **Siddaramaiah**: "Thermal and mechanical properties of Poly (methyl methacrylate) and Ethylene-vinyl acetate co-polymer Blends", *J. Appl. Polym. Sci.*, **106**(1) 2007 684-691.
123. M.N.Satheesh Kumar and **Siddaramaiah**: "Moisture/sorption characteristics of starch-filled poly (styrene-co-butyl acrylate) latex based composites reinforced with polyester nonwoven fabric", *AUTEX Research Journal*, **7** (2), (2007) 111-118.
124. H.Kumar and **Siddaramaiah**: "Chemical compatibility of PU/PAN interpenetrating polymer network membrane with substituted aromatic solvents", *J. Hazd. Matl.*, **148** (2007) 467–476.
125. B.G. Soares, F.G. Souza Jr, A.Manjunath, H.Somashekarappa, R. Somashekar and **Siddaramaiah**: "Variation of long periodicity in blends of styrene butadiene, styrene copolymer/polyaniline using SAXS data", *PRAMANA J. Physics*, **69** (3) (2007) 435–443.
126. M.N. Satheesh Kumar and **Siddaramaiah**: Thermogravimetric analysis and morphological behavior of castor oil based polyurethane-polyester nonwoven fabric composites, *J. Appl. Polym. Sci.*, **106** (2007) 3521–3528.
127. **Siddaramaiah**, Fabio L Barcia, Alex S Sirqueira, Caio M Paranhos, Bluma G.Souares and R.S. Mauler: "Rheological, mechanical and morphological studies of epoxy/poly(methyl methacrylate) semi interpenetrating polymer networks", *J. Appl. Polym. Sci.*, **106** (2007) 3808–3815.
128. B.Suresha, G.Chandramohan, N.D.Jawali and **Siddaramaiah**: "Effect of short glass fiber content on three-body abrasive wear behaviour of polyurethane composites", *J. Composite Materials*, **41** (22) (2007) 2701-2713.

129. K.S.Manjula and **Siddaramaiah**: "Transport characteristics of carboxylic acids based chain extended PU membranes with penetrants", *Polymer Engg. & Sci.*, **47** (12) (2007) 2057-2064.
130. N.D. Jawali, **Siddaramaiah**, B. Siddeshwarappa and Joong Hee Lee: "Polycarbonate/short glass fibre reinforced composites - Physico-mechanical, morphological and FEM analysis", *J. Reinforced Plastics & Composites*, **27** (3) (2008) 313-319.
131. Fernando G. Souza Jr, B.G.Souares, **Siddaramaiah**, A. Manjunath and R.Somashekar: "Blends of styrene butadiene styrene triblock copolymer/polyaniline-characterization by SAXS", *Materials Sci. & Engg., A.*, **476** (2008) 240-247.
132. B.Suresha, G.Chandramohan, **Siddaramaiah** and T.Jayaraju: "Influence of cenosphere filler additions on the three-body abrasive wear behaviour of glass fibre-reinforced epoxy composites", *Polymer Composites*, **29**(3) (2008) 307-312.
133. M.N.Satheesh Kumar and **Siddaramaiah**: "Electrical and mechanical properties of carbon black filled poly(styrene-co-butyl acrylate) latex reinforced polyester nonwoven composites", *Polymers and Polymer Composites*, **16** (1) (2008) 63-69.
134. Valluru Ravi, Subhash Chandra Bose, T.M.Pramod Kumar and **Siddaramaiah**: "Influence of natural polymer coating on novel colon targeting drug delivery system", *J. Materials Sci.: Materials in Medicine*, **19** (5) (2008) 2131-2136.
135. Valluru Ravi, T.M.Pramod Kumar, and **Siddaramaiah**: "Novel colon targeted drug delivery system using natural polymers", *Indian J. Pharmaceutical Sciences*, **70** (1), (2008) 113-113.
136. H.Kumar, **Siddaramaiah**, R.Somashekar, S.S.Mahesh and A.Manjunath: Nanocrystallite regions of gaur gum filled PU/PAN composites before and after biodegradation using WAXS, *J. Appl. Polym. Sci.*, **108** (5), (2008) 2762-2771.
137. B.Suresha, G.Chandramohan, **Siddaramaiah**, Kunigal N. Shivakumar and M. Ismail: Mechanical and three-body abrasive wear behaviour of three-dimensional glass fabric reinforced vinyl ester composite, *Materials Sci. and Engg.*, **A 480** (1-2), (2008) 573-579.
138. T. Jeevananda, **Siddaramaiah**, Joong-Hee Lee, O.M. Samir and R. Somashekar: "Polyaniline-multi walled carbon nanotube composites: Characterization by WAXS and TGA", *J. Appl. Polym. Sci.*, **109** (1) (2008) 200-210.
139. Peng Li, **Siddaramaiah**, Nam Hoon Kim, Seok-Bong Heo and Joong-Hee Lee: "Novel PAAm/Laponite clay nanocomposite hydrogels with improved cationic dye adsorption behavior", *Composites Part B: Engg.*, **39** (5) (2008) 756-763.
140. B.Suresha, G.Chandramohan, **Siddaramaiah** and T.Jayaraju: "Three-body abrasive wear behaviour of E-glass fabric reinforced/graphite filled epoxy composites", *Polymer Composites*, **29** (6) (2008) 631-637.
141. Peng Li, **Siddaramaiah**, Ok Kyung Park, Nam Hoon Kim, Seok-Bong Heo and Joong Hee Lee: "Swelling behavior of poly(acrylamide) nanoclay composite hydrogels", *Advanced Materials Research*, **47-50** (2008) 230-233.
142. T.M.Mruthyunjaya Swamy, **Siddaramaiah** and Joong-Hee Lee: "Miscibility behaviour of polyethylene oxide/hydroxypropyl methyl cellulose blends", *Advanced Materials Research*, **47-50** (2008) pp 234-237.
143. B. Shivamurthy, Tapas Kr. Basak, M.S. Prabhuswamy, **Siddaramaiah**, Himanshu Tripathi and S.S. Deopa: "Influence of quartz fillers in dielectric composites on electrostrictive sensors", *Sensors & Transducers J.*, **92** (5) (2008) pp. 32-42.

144. P.Poomalai, T.O.Varghese and **Siddaramaiah**: "Investigation on thermoplastic co-poly(ether-ester) elastomer toughened poly(methyl methacrylate) blends", *J. Appl. Polym. Sci.*, **109** (6), (2008) 3511-3518.
145. **Siddaramaiah**, T.M. Mruthyunjaya Swamy, B. Ramaraj and Joong Hee Lee: "Sodium alginate and its blends with starch: Thermal and morphological properties", *J. Appl. Polym. Sci.*, **109** (6) (2008) 4075-4081.
146. T. Jeevananda, Joong-Hee Lee and **Siddaramaiah**: "Preparation of polyaniline nanostructures using sodium dodecylsulphate", *Materials Letters*, **62** (24) (2008) 3995–3998.
147. P.Poomalai, **Siddaramaiah**, B.Suresha and Joong Hee Lee: "Mechanical and three-body abrasive wear behaviour of PMMA/TPU blends", *Materials Science and Engineering A*, **492** (1-2), (2008), 486-490.
148. H.Kumar, C.Ranganathaiah and **Siddaramaiah**: "Correlation between physico-mechanical and free volume properties of gaur gum filled polyurethane/poly methyl methacrylate biodegradable composites", *J. Comp. Matls.*, **42** (17) (2008) 1787-1800.
149. B. Shivamurthy, **Siddaramaiah**, M.S. Prabhuswamy, B.S. Shailesh, T.K. Basak and N.A. Jnanesh: "Influence of moisture absorption and content of graphite filler on electrical property of sensors and transducers enclosures and phenomena of electrostriction in glass-epoxy composites", *Sensors & Transducers J.*, **97** (10) (2008) 80-90.
150. T. Jeevananda, **Siddaramaiah**, Nam Hoon Kim, Seok-Bong Heo and Joong Hee Lee: "Synthesis and characterization of polyaniline-multiwalled carbon nanotube nanocomposites in the presence of sodium dodecyl sulfate", *Polymers for Advanced Technologies*, **19**, (2008) 1754–1762.
151. B.Suresha, G.Chandramohan, N.M.Renukappa and **Siddaramaiah**: "Influence of silicon carbide filler on mechanical and dielectrical properties of glass fabric reinforced epoxy composites", *J. Appl. Polym. Sci.*, **111** (2) (2009), 685-691.
152. M.N.Satheesh Kumar and **Siddaramaiah**: "Thermogravimetric analysis and morphological behavior of melamine-formaldehyde (MF) filled polyvinyl acetate-polyester nonwoven fabric composites", *J. Appl. Polym. Sci.*, **111** (3) (2009) 1165-1171.
153. Peng Li, **Siddaramaiah**, Nam Hoon Kim, Gye-Hyoung Yoo and Joong Hee Lee: "Poly(Acrylamide/Laponite) nanocomposite hydrogels: swelling and cationic dye adsorption properties", *J. Appl. Polym. Sci.*, **111** (4) (2009) 1786-1798.
154. Qi Li, **Siddaramaiah**, Nam Hoon Kim, Gye-Hyoung Yoo and Joong Hee Lee: "Positive temperature coefficient characteristic of graphite nanofibers reinforced high-density polyethylene/carbon black nanocomposites", *Composites Part B: Engg.*, **40** (3), 2009, 218-224.
155. T.M. Mruthyunjaya Swamy, B. Ramaraj and **Siddaramaiah**: "Thermal and morphological properties of SA/HPMC blends", *J. Appl. Polym. Sci.*, **112** (4) (2009) 2235-2240.
156. M.N.Satheesh Kumar, **Siddaramaiah**, T.M.Kotresh, R.Indu Shekar and J.H. Jagannath: "Effect of flame retardant on the combustion behavior of PVAc–MF-polyester nonwoven fabric composites", *J. Reinforced Plastics & Comp.*, **28** (5) (2009) 537-550.
157. N.M. Renukappa, **Siddaramaiah**, R.D. Sudhaker Samuel, J.Sundara Rajan and Joong Hee Lee: "Dielectric properties of carbon black - SBR composites", *J. Matls. Sci.: Matls. in Electronics*, **20** (2009):648–656.

158. Peng Li, Nam Hoon Kim, **Siddaramaiah**, and Joong Hee Lee: "Swelling behavior of polyacrylamide/laponite clay nanocomposite hydrogels: pH-sensitive property", *Composites Part B: Engg.*, **40** (2009) 275–283.
159. T.Jeevananda, Yun Ki Jang, Joong Hee Lee, **Siddaramaiah**, M.V. Deepa Urs and C.Ranganathaiah: "Investigation of multi-walled carbon nanotube reinforced high density polyethylene/carbon black nanocomposites using electrical, DSC and Positron Lifetime Spectroscopy techniques", *Polym. Intl.*, **58** (2009) 775–780.
160. D.V. Gowda, Valluru Ravi, H.G. Shivakumar and **Siddaramaiah**: "Preparation, evaluation and bioavailability studies of indomethacin-bees wax microspheres", *J. Mater. Sci: Mater. Med.*, **20** (2009) 1447–1456.
161. K. Raghava Reddy, A.V. Raghu, Han Mo Jeong and **Siddaramaiah**: "Synthesis and characterization of pyridine-based polyurethanes", *Designed Monomers and Polymers*, **12** (2) (2009) 109-118.
162. P.Poomalai, T.O.Varghese and **Siddaramaiah**: "Ethylene methacrylate (EMA) Co-Polymer Toughened Polymethyl Methacrylate Blends: Physico-mechanical, Optical, Thermal and Chemical Properties", *Polymer-Plastics Tech. and Engg.*, **48** (9) (2009) 958-965.
163. M.N. Satheesh Kumar, Z. Yaakob and **Siddaramaiah**: "Poly(styrene-co-butyl acrylate) latex-reinforced polyester nonwoven fabric composites: thermal and morphological studies", *J. Appl. Polym. Sci.*, **114** (1) (2009) 467-474.
164. B.Suresha, **Siddaramaiah**, Kishore, S. Seetharamu and P. Sampath Kumaran: "Investigations on the influence of graphite filler on dry slide wear and abrasive wear behaviour of carbon fabric reinforced epoxy composites", *Wear*, **267**, (9-10), 2009, 1405-1414.
165. M.N.Satheesh Kumar and **Siddaramaiah**: "Mechanical and electrical properties of polyaniline incorporated polyvinyl acetate-polyester nonwoven fabric composites", *J. Reinforced Plastics & Composites*, **28** (18) (2009) 2287-2295.
166. Murtuza Ali Syed, **Siddaramaiah**, B.Suresha and Akheel Ahmed Syed, "Mechanical and abrasive wear behavior of coleus spent filled unsaturated polyester/polymethyl methacrylate semi interpenetrating polymer network composites", *J. Comp. Mater.*, **43** (2009) pp. 2387- 2400.
167. N.Rajesh and **Siddaramaiah**: "Feasibility of xanthan gum–sodium alginate as a transdermal drug delivery system for domperidone", *J. Mater. Sci: Mater. Med.*, **20** (2009) 2085–2089.
168. B. Shivamurthy, **Siddaramaiah** and M.S. Prabhuswamy; "Influence of SiO₂ fillers on sliding wear resistance and mechanical properties of compression moulded glass epoxy composites", *J. Minerals and Matls. Characterization and Engg.*, **8**, (7) 2009.
169. N.M. Renukappa, R.D. Sudhaker Samuel, B. Suresha, **Siddaramaiah** and J. Sundara Rajan: "Mechanical and electrical properties of conducting carbon black filled SBR composites", *Intl. J. Material Research, Electronics and Electrical System*, **2** (1-2), 2009, 39-51.
170. C.N.Somashekhara, K.Gowthamarajan, D.V.Gowda, N.Rajesh and **Siddaramaiah**: "Formulation and evaluation of ketoprofen loaded transdermal drug delivery", *Intl. J. Pharm Res.*, **1**(4) (2009) 40-47.

171. K.S. Manjula and **Siddaramaiah**: Studies on the effect of maleic acid as chain extender on the properties of castor oil based polyurethanes", *Intl. J. Manufacturing Sci. & Engg.*, **1** (1) (2010) 7-15.
172. M.K. Manjula, K.M. Lokanatha Rai, J.M. Raj, K.S. Manjula, **Siddaramaiah** and C. Ranganathaiah: "Microwave assisted improvement in physico-mechanical properties of poly(vinyl alcohol)/poly (ethylene imine)/gelatin blends", *J. Polymer Research*, **17**(1) (2010) 89-98.
173. B.V. Suresh Kumar, **Siddaramaiah**, M.B. Shayan, K.S. Manjula, C. Ranganathaiah, G.V. Narasimha Rao, B. Basavalingu and K. Byrappa: "Effect of zeolite particulate filler on the properties of polyurethane composites", *J. Polymer Research*, **17** (1) (2010) 135-142.
174. Qi Li, **Siddaramaiah**, Nam Hoon Kim, Seok-Bong Heo and Joong Hee Lee: "Synergy effect of hybrid fillers on the positive temperature coefficient behavior of polypropylene/ultra-high molecular weight polyethylene composites" *J. Appl. Polym. Sci.*, **116** (1) (2010) 116–124.
175. **Siddaramaiah**, Fernando G. Souza Jr, Bluma G. Soares, P. Parameswara and R. Somashekar; "Microstructural behaviours of polyaniline/CB composites by SAXS", *J. Appl. Polym. Sci.*, **116** (2) (2010), 673-679.
176. K.S. Manjula, M.N. Satheesh Kumar, Z.Yaakob and **Siddaramaiah**: "Molecular Transport Behaviour of Substituted Aromatic Solvents through Biobased Chain Extended Polyurethane", *J. Macromol. Sci.-Pure & Appl. Chem.*, **A47** (2) (2010) 99-105.
177. Murtuza Ali Syed, **Siddaramaiah**, Raihan Taqui Syed and Akheel Ahmed Syed: "Investigation on physico-mechanical properties, water, thermal and chemical ageing of unsaturated polyester/turmeric spent composites", *Polymer-Plastics Tech. & Engg.*, **49** (2010) 555-559.
178. K.S.Manjula, M.N.Satheesh Kumar, Bluma G. Soares, Paulo Picciani and **Siddaramaiah**: "Biobased chain extended polyurethane and its composites with silk fibre", *Polym. Engg. & Sci.*, **50** (4), (2010) pp. 851-856.
179. E.Basavaraj and **Siddaramaiah**: "Sliding wear behaviour of nanoclay filled polypropylene/ultrahigh molecular weight polyethylene/carbon short fiber nanocomposites", *J. Macromol. Sci.-Pure & Appl. Chem.*, **A47** (6) (2010) 558 – 563.
180. Roopa. S and **Siddaramaiah**: "Mechanical, thermal and morphological behaviors of castor oil based PU/PS interpenetrating polymer network-metakaolin composites", *J. Macromol. Sci.-Pure & Appl. Chem.*, **A47** (7) (2010) 689 – 696.
181. R.Indu Shekar, T.M.Kotresh, A.S.Krishna Prasad, P.M.Damodhara Rao, M.N. Satheesh Kumar and **Siddaramaiah**: "Hybrid fibre fabric composites from polyetheretherketone and glass fibre", *J. Appl. Polym. Sci.*, **117** (3), 2010, 1446-1459.
182. Abdullah M.A.Mohamad Altaweel, C.Ranganathaiah and **Siddaramaiah**: "Positron lifetime spectroscopy and differential scanning calorimetric study of polystyrene based composites with fly ash, cenospheres and calcium aluminosilicate as fillers", *J. Appl. Polym. Sci.*, **116** (5) (2010), 3087-3094.
183. Shahryar Pashaei, **Siddaramaiah** and Akheel Ahmed Syed; "Thermal degradation kinetics of polyurethane/organically modified montmorillonite clay nanocomposites by TGA, *J. Macromol. Sci.-Part A: Pure and Applied Chem.*, **A47** (8), (2010) 777-783.
184. N.Mohan, S.Natarajan, S.P.Kumaresh Babu and **Siddaramaiah**: "Investigation on two-body abrasive wear behavior of silicon carbide filled glass fabric-epoxy composites", *J. Minerals & Materials Characterization & Engg.*, **9**(3), (2010) 231-246.

185. K.S. Manjula and **Siddaramaiah**: "Sorption and diffusion behaviours of substituted aromatic organic penetrants into carboxylic acids based chain extended polyurethanes membrane", *J. Chemical & Engg. Data*, **55** (6), (2010) 2271-2278.
186. T.M.Mruthyunjaya Swamy, B. Ramaraj and **Siddaramaiah**: "Sodium alginate and poly(ethylene glycol) blends: thermal and morphological behaviors", *J. Macromol. Sci.: Part A:-Pure & Appl. Chem.*, **A47** (9) (2010) 877.
187. Rajesh, N., **Siddaramaiah**, D.V.Gowda and C.N.Somashekar: "Formulation and evaluation of biopolymer based transdermal drug delivery", *Intl. J. Pharma and Pharm. Sci.*, **2**(2), (2010) 142-147.
188. P.Dinesh, N.M.Renukappa and **Siddaramaiah**: "Impedance and susceptance characterization of multiwalled carbon nanotubes with high density polyethylene-carbon black nanocomposites", *Integrated Ferroelectrics*, **116** (2010) 128–136.
189. B.Shivamurthy, **Siddaramaiah** and M.S. Prabhuswamy: "Design, fabrication and testing of epoxy/ glass-reinforced pressure vessel for high-pressure gas storage", *J. Reinforced Plastics and Comp.*, **29** (15) (2010) 2379 – 2386.
190. Rajesh, N, **Siddaramaiah**, and Gowda, D.V, Formulation and evaluation of controlled release behavior of diltiazem hydrochloride from the pellets of chitosan and microcrystalline cellulose blends, *Intl. J. Pharma Sci. Monitor*, **1**(3), 2010, 136-143.
191. D.V.Gowda, Rajesh Nayak, Afrasim Moin, H.G. Shivakumar and **Siddaramaiah**: "Controlled release behaviour of nifedipine from the pellets of gelucire/microcrystalline cellulose blends", *Intl. J. of Pharm. Tech. Research*, **2**(2), (2010) pp 1215-1226.
192. Rajesh Nayak and **Siddaramaiah**: "Design and evaluation of controlled release of piroxicam from the pellets of microcrystalline cellulose and hydroxy propyl methyl cellulose blends", *Intl. J. of Pharm. Tech. Research*, **2**(2), (2010) pp 1465-1473.
193. M.N.Satheesh Kumar, Z.Yaakob, N.Mohan and **Siddaramaiah**: "Mechanical and abrasive wear studies on biobased jatropha oil cake incorporated glass-epoxy composites", *J. Am. Oil Chemists Society*, **87** (8), (2010) pp. 929-936.
194. Gowda, D.V., Rajesh, N., Somashekhara, C.N., and **Siddaramaiah**: "Development and evaluation of aceclofenac loaded transdermal film", *Intl. Journal of Pharm Tech Research* **2**(4), (2010) pp. 2224-2233.
195. P. Dinesh, N.M. Renukappa, **Siddaramaiah**, J.H. Lee and T. Jeevananda: A comparative study on AC conductivity and dielectric behavior of multiwalled carbon nanotubes and polyaniline coated multiwalled carbon nanotubes filled high density polyethylene-carbon black nanocomposites, *Intl. Conf. on Advanced Nanomaterials and Nanotechnology (ICANN-2009)*; AIP Conf. Proceed., **1276** (2010) pp. 189-197.
196. Rashmi, Renukappa, N.M., and **Siddaramaiah**: Investigation of dielectric behaviors of nanoclay filled epoxy and PP/nylon 66 nanocomposites for cable insulation application, *AIP Conf. Proceed.*, **1276** (2010) pp. 210-218.
197. M.N. Satheesh Kumar, Z.Yaakob, Siti Maimunah, **Siddaramaiah** and Abdullah, S.R.S.: "Synthesis of alkyd resin from non-edible jatropha seed oil", *J. Polym. and the Environment*, **18** (4) (2010) pp. 539-544.
198. Shahryar Pashaei, **Siddaramaiah** and Akheel Ahmed Syed: "Investigation on thermal, mechanical and morphological behaviours of organo nanoclay incorporated epoxy nanocomposites", *ARPN Journal of Eng. and Appl. Sciences*, **5** (2010) 12.

199. K.S.Manjula, **Siddaramaiah** and Joong Hee Lee: "Synthesis and characterization of silk fibre reinforced cepu composites", *Advanced Materials Research*, Vols. 123-125 (2010) pp 391-394.
200. Johnsy George, Amarinder S. Bawa and **Siddaramaiah**: Synthesis and characterization of bacterial cellulose nanocrystals and their PVA nanocomposites, *Advanced Materials Research* Vols. 123-125 (2010) pp 383-386.
201. S.P. Kumaresh Babu, Anand Chairman, N. Mohan and **Siddaramaiah**: Investigation on two-body abrasive wear behavior of tungsten carbide filled glass fabric- epoxy hybrid composites, *Advanced Materials Research* Vols. 123-125 (2010) pp 1039-1042.
202. D.V. Gowda, Rajesh, N, H.G. Shiva Kumar and **Siddaramaiah**: Comparative bioavailability studies of two indomethacin controlled release formulations in healthy albino sheeps, *Advanced Materials Research* Vols. 123-125 (2010) pp 307-310.
203. Roopa, S and **Siddaramaiah**: Mechanical, Thermal and Morphological Behaviors of Coconut Shell Powder Filled PU/PS Biocomposites, *Advanced Materials Research* Vols. 123-125 (2010) pp 331-334.
204. **Siddaramaiah**, K.S.Manjula and Joong Hee Lee: Structure - property relationship of castor oil based chain extended polyurethane/starch biocomposites, *Advanced Materials Research* Vols. 123-125 (2010) pp 371-374.
205. R. Indu Shekar, P.M Damodhara Rao, **Siddaramaiah**, V.C. Padaki, Nam Hoon Kim and Joong Hee Lee: Fibre-fibre hybrid composites for aerospace applications, *Advanced Materials Research* Vols. 123-125 (2010) pp 1231-1234.
206. E.Basavaraj, **Siddaramaiah** and Joong-Hee Lee: Investigations on the influence of molybdenum disulphide on tensile and dry sliding wear characteristics of nylon 66/carbon black composites, *Advanced Materials Research* Vols. 123-125 (2010) pp 1043-1046.
207. T. Jeevananda, O.G.Palanna, Joong Hee Lee, **Siddaramaiah** and C.Ranganathaiah: Electrical, thermal and positron lifetime spectroscopy studies on multi-walled carbon nanotube reinforced high density polyethylene/carbon black nanocomposites, *Advanced Materials Research* Vols. **123-125** (2010) pp 59-62.
208. N.Mohan, S.Natarajan, S.P. Kumaresh Babu, **Siddaramaiah** and Joong Hee Lee: "Solid particle erosion of UHMWPE filled aramid fabric-epoxy hybrid composites", *Advanced Materials Research*, Vols. **123-125** (2010) pp 1051-1054.
209. M.N.Satheesh Kumar, Z.Yaakob and **Siddaramaiah**: "Acrylonitrile-butadiene latex impregnated jute nonwoven fabric-composites: biodegradation/effect of cyclic humidity/salt water", *Polymers from Renewable Resources*, **1**(3) 2010, 123-133.
210. Murtuza Ali Syed, Sania Akhtar, **Siddaramaiah** and Akheel Ahmed Syed: "Studies on the physico-mechanical, thermal and morphological behaviors of high density polyethylene/ coleus spent green composites", *J. Appl. Polym. Sci.*, **119** (4) (2011) pp. 1889-1895.
211. Johnsy George, K.V.Ramana, A.S.Bawa and **Siddaramaiah**: "Bacterial cellulose nanocrystals exhibiting high thermal stability and their polymer nanocomposites", *Intl. Journal of Biological Macromolecules*, **48** (2011) 50-57.
212. R. Indu Shekar, P.M. Damodhara Rao, **Siddaramaiah**, M.N. Satheesh Kumar, T.M. Kotresh, R.Somashekar and P.Paramesh: "Microcrystalline and kinetic parameters of glass-peek hybrid composites", *J. Composite Mater.*, **45**(7) (2011) 549-556.

213. N.Mohan, S.Natarajan, S.P.Kumaresh Babu and **Siddaramaiah**: "Investigation on sliding wear behavior and mechanical properties of jatropha oil cake filled glass-epoxy composites", *J. Am. Oil Chemists Society*, **88** (1) (2011) pp. 111-117.
214. R. Indu Shekar, M.N. Satheesh Kumar, P.M. Damodhara Rao, Z. Yaakob, T.M. Kotresh, **Siddaramaiah** and Chandrakala, "Studies on the composites produced from co-weaved polyetheretherketone and glass fibre fabric", *J. Composite Mater.*, **45** (7) (2011) pp. 741-749.
215. **Siddaramaiah**, M.N.Satheesh Kumar and G.B.Nando: "Rheological and mechanical properties of poly (ethylene acrylic acid) and low density polyethylene blends", *J. Appl. Polym. Sci.*, **121** (5) (2011), 3070–3077.
216. D.V. Gowda, Rajesh Nayak, H.G. Shivakumar, **Siddaramaiah** and Nawaz Mahammed: "Development and evaluation of oral controlled release from aceclofenac sodium pellets", *Pharma Science Monitor, An Intl. J. Pharmaceutical Sciences*, **2**(2) (2011), 82-104.
217. Rajesh, N., **Siddaramaiah** and D.V. Gowda: "Formulation and evaluation of controlled release behaviour of diltiazem hydrochloride from the pellets of chitosan and microcrystalline cellulose blends", *Pharma Science Monitor, An International J. Pharmaceutical Sciences*, **2** (2) (2011) 152-170.
218. R. Indu Shekar, T.M. Kotresh, A.S. Krishna Prasad, P.M Damodhara Rao, T. Anantha Krishnan, M.N. Satheesh Kumar and **Siddaramaiah**: "Hybrid fabrics for structural composites", *Journal of Industrial Textiles*, **41** (1) (2011) 70-103.
219. Shahryar Pashaei, **Siddaramaiah**, Ali Souldozi, S. Usman Taqui Syed and Akheel Ahmed Syed: "Investigation on thermal and mechanical behaviours of crysanoclay incorporated polyamide/nanoclay composites", *Intl. Journal of ChemTech Research*, **3**(3), (2011) pp 1292-1301.
220. D.V. Gowda, Rajesh, N., H.G. Shivakumar and **Siddaramaiah**: "Bioequivalence study of indomethacin from loaded spermaceti wax microspheres on healthy albino sheep", *Jordan Journal of Pharmaceutical Sciences*, **4** (2), (2011) 124-135.
221. R. Indu Shekar, T.M. Kotresh, P.M. Damodhara Rao, M.N. Satheesh Kumar, **Siddaramaiah** and Md. S. Rahman: "Flammability behavior of fiber–fiber hybrid fabrics and composites" *J. Appl. Polym. Sci.*, **122** (4) (2011) 2295-2301.
222. Shahryar Pashaei, **Siddaramaiah** and Akheel Ahmed Syed: "Thermal characteristics of nanostructured filler incorporated polyvinyl ester nanocomposites", *Polymer-Plastics Tech. & Engg.*, **50** (10) (2011) pp. 973-982.
223. Shahryar Pashaei, **Siddaramaiah** and Akheel Ahmed Syed: "Investigation on mechanical, thermal and morphological behaviors of turmeric spent incorporated vinyl ester green composites", *Polymer-Plastics Tech. & Engg.*, **50** (12) (2011), pp. 1187-1198.
224. P. Poomalai, T.O. Varghese and **Siddaramaiah**: "Thermo-mechanical behaviour of poly (methyl methacrylate)/co-poly (ether-ester) blends," *ISRN Materials Science*, Volume 2011, (2011) Article ID 921293.
225. Johnsy George and **Siddaramaiah**: "High performance edible nanocomposite films containing bacterial cellulose nanocrystals", *Carbohydrate Polymers*, **87**(3) (2012), pp. 2031-2037.
226. **Siddaramaiah**, Fernando G. Souza Jr, Bluma G. Soares and R.Somashekar: "Investigation on microstructural behaviour of styroflex/polyaniline blends by WAXS", *J. Appl. Polym. Sci.*, **124** (6) (2012), pp. 5097-5105., ISSN No: 1097-4628, Impact Factor: 1.768.

227. N. Mohan, S. Natarajan, S. P. Kumaresh Babu, **Siddaramaiah** and Joong Hee Lee: “Studies on erosive wear behavior of UHMWPE filled aramid-epoxy hybrid composites”, *Materials and Manufacturing Processes*, **27** (2012) 430–435. ISSN No: 1042-6914, Impact Factor:1.629, Citation: 4
228. Ahlam, M.A., Ravishankar, M.N., Vijayan, N., Govindaraj, G., **Siddaramaiah**, and A.P. Gnana Prakash, “Investigation of gamma radiation effect on chemical properties and surface morphology of some nonlinear optical (NLO) single crystals”, *Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms*, **278** (4-5), (2012) 26-33. ISSN No: 0168-583, Impact factor: 1.226, Citation: 2.
229. E. Basavaraj, B. Ramaraj and **Siddaramaiah**: "Polycarbonate/molybdenum disulphide/carbon black composites: Physico-mechanical, thermal, wear and morphological properties", *Polymer Composites*, **33** (4) (2012), pp. 619-628. ISSN No: 1568-0569, Impact factor: 1.632, Citation: 3
230. Shahryar Pashaei, **Siddaramaiah**, Akheel Ahmed Syed, G. Ramachandra Reddy and S. Srinivasa: “The influence of crysnanoclay addition on mechanical and thermal properties of thermoplastic polyurethane elastomeric with polycarbonate nanocomposites”, *Polymer-Plastics Tech. & Engg.*, **51** (9) (2012), 909-917. ISSN No: 1525-6111, Impact factor: 1.481, Citation: 5.
231. E.Basavaraj, B.Ramaraj and **Siddaramaiah**: "A study on mechanical, thermal and wear characteristics of nylon 66/molybdenum disulphide composites reinforced with glass fibres", *Polymer Composites*, **33**(9) (2012), 1570-1577. ISSN No:1548-0569, Impact factor:1.632, Citation: 5
232. P. Poomalai, T.O. Varghese and **Siddaramaiah**: "Studies on thermo-mechanical characteristics of poly (methylmethacrylate) and ethylene-methacrylate copolymer blends”, *Polymers & Polymer Composites*, **20** (8) (2012) 665-670. ISSN No: print 0360-2559 and online: 1525-6111, Impact factor: 1.481.
233. H.N.Chandrakala, B.Ramaraj, Shivakumaraiah, G.M.Madhu and **Siddaramaiah**: "The influence of zinc oxide-cerium oxide nanoparticles on the structural characteristics and electrical properties of polyvinyl alcohol films", *J. Matls. Sci.*, **47**(23) (2012) 8076–8084. ISSN: 0022-2461 (Print) 1573-4803 (Online) Impact factor: 2.371, Citation: 13.
234. Johnsy George, V.A.Sajeevkumar, K.V.Ramana, S.N.Sabapathy and **Siddaramaiah**: “Augmented properties of PVA hybrid nanocomposites containing cellulose nanocrystals and silver nanoparticles”, *J. Materials Chem.*, **22** (42) (2012), 22433–22439. ISSN No:22433-22439, Impact factor: 6.643, Citation: 22
235. E. Basavaraj, B.Ramaraj and **Siddaramaiah**: “Investigations on the influence of polytetrafluoroethylene powder as filler on physico-mechanical and wear characteristics of nylon 66/graphite composites”, *High Performance Polymers*, **24**(7) 2012 pp. 616 - 624. ISSN No: 1862-4243, Impact factor: 1.286, Citation: 7.
236. P. Dinesh, N.M. Renukappa, **Siddaramaiah** and Sundara Rajan: “Electrical properties and EMI shielding characteristics of multiwalled carbon nanotubes filled carbon black-high density polyethylene nanocomposites”, *Composite Interfaces*, **19**(2) (2012) 121-133, ISSN No: 0927-6440, Impact factor: 0.726, Citation: 3.
237. Valluru Ravi, T.M. Pramod Kumar and **Siddaramaiah**: “Ghatti gum based matrix tablets for oral sustained delivery of metoprolol succinate”, *Intl. J. Pharmacy and Pharmaceutical*

- Sci., Vol 4, Suppl 5, (2012) 210-216. ISSN No: 0125-4685, Impact factor: 0.154 , Citation:2.
238. Valluru Ravi, T.M. Pramod Kumar and **Siddaramaiah**: "Investigation of ghatti gum as a carrier to develop sustained release floating tablets of diltiazem hydrochloride", *Thai J. Pharm. Sci.*, **36** (2012) 155-164.
 239. H.N. Chandrakala, B. Ramaraj, Shivakumaraiah, G.M. Madhu and **Siddaramaiah**: "Investigation on the influence of sodium zirconate nanoparticles on the structural characteristics and electrical properties of polyvinyl alcohol nanocomposite films", *J. Alloys and Compounds*, **551** (2013) 531–538. ISSN No: 0925-8388, Impact factor: 2.999, Citation: 5
 240. S. Rohini Thimmaiah and **Siddaramaiah**: "Investigation of carbon black and metakaolin co-fillers content on mechanical and thermal behaviors of natural rubber compounds", *J. Elastomers & Plastics*, **45**(2) (2013) 187-198. ISSN No: 0095-2443, Impact factor: 0.773, Citation: 4
 241. E. Basavaraj, B.Ramaraj, Joong-Hee Lee and **Siddaramaiah**: "Polyamide 6/carbon black/molybdenum disulphide composites: Friction, wear and morphological characteristics", *Materials Chemistry and Physics*, **138**(2–3), 2013, 658–665. ISSN No:0254-0584, Impact factor: 2.129, Citation: 7
 242. K.Rukmini, B.Ramaraj, Suchetana K. Shetty, Ajay Taraiya, Sumanda Bandyopadhyay and **Siddaramaiah**: "Development of eco-friendly cotton fabric reinforced polypropylene composites: mechanical, thermal and morphological properties", *Advances in Polymer Tech.*, **32**(1) (2013) 21327. ISSN No: 1098-2329, Impact factor:1.096, Citation: 7.
 243. H.N. Chandrakala, B.Ramaraj, Shivakumaraiah, G.M.Madhu and **Siddaramaiah**: "Preparation of polyvinyl alcohol – lithium zirconate nanocomposite films and analysis of transmission, absorption, emission features and electrical properties," *The Journal of Physical Chemistry C*, **117**(9) (2013), 4777-4781. ISSN No: 1932-7447, Impact factor: 4.772, Citation: 5.
 244. Rashmi, N.M.Renukappa, K.N. Shivakumar and Siddaramaiah: Effect of montmorillonite clay content on ac conductivity and impedance of Epoxy-based nanocomposites, *Intl. J. Materials Research*, **104** (1) (2013), pp. 84-92. ISSN 1862-5282 eISSN 2195-8556, Impact factor:1
 245. M.N. Lohith, B. Ramaraj, J. Vishvajit and **Siddaramaiah**: "Investigation on the influence of different compatibilizers on polycarbonate/high density polyethylene blends: mechanical, thermal properties, morphology and chemical resistance", *Industrial & Eng. Chemistry Research*, **52**(16) (2013), pp. 5672-5682. ISSN No:1520-5045, Impact factor: 2.59, Citation:1
 246. S. Rohini Thimmaiah and **Siddaramaiah**: "Effect of brake pad waste powder incorporation on the performance of styrene-butadiene rubber vulcanizates", *J. Polym. Engg.*, **33**(3) (2013) 247–255.
 247. Qi Li, **Siddaramaiah**, Nam Hoon Kim, David Hui and Joong Hee Lee, "Effects of dual component microcapsules of resin and curing agent on the self-healing efficiency of epoxy", *Composites: Part B*, **55** (2013) 79–85. ISSN No: (online) 2191-0340, Impact factor: 2.0.
 248. H.N.Chandrakala, B.Ramaraj, Shivakumaraiah, Joong-Hee Lee and **Siddaramaiah**: "Polyvinyl alcohol/carbon coated zinc oxide nanocomposites: Electrical, optical, structural

- and morphological characteristics”, J. Alloys and Compounds, **580** (2013) 392–400. Impact factor- 2.99, ISSN 0925-8388, Citation: 5
249. E. Basavaraj, B. Ramaraj, Joong-Hee Lee and **Siddaramaiah**: “Microstructure, thermal, physico–mechanical and tribological characteristics of molybdenum disulphide-filled polyamide 66/carbon black composites”, Polymer Engg. & Sci., **53** (8), (2013) 1676-1686, ISSN: 1548-2634, Impact factor: 1.719.
 250. S. Rohini Thimmaiah, S. Roopa and **Siddaramaiah**: “Studies on untreated and silane treated ground granulated blast furnace slag incorporated natural rubber vulcanizates”, Ind. J. Advances in Chemical Sci., **1** (4) (2013) 213-220. ISSN No: 2320-0898.
 251. P.S. Shivakumar Gouda, Krishnaraja G. Kodancha, **Siddaramaiah** and Dayananda Jawali: “Experimental and numerical investigations on fracture behavior of high silica glass/satin textile fiber reinforced hybrid polymer composites”, Adv. Mat. Lett., **4**(11) (2013) 827-835. ISSN: 0976-3961. ISSN No: 0976-3961, Impact factor 1.9.
 252. S.Rohini Thimmaiah and **Siddaramaiah**: “Diffusion and transport behaviors of aliphatic probe molecules through untreated and treated metakaolin filled natural rubber composites”, Appl. Polym. Comp., **1**(4) (2013) 247-266. ISSN No: ISSN: (Print) 2049-6230 (Online) 2049-6249.
 253. D.V.Gowda, M.Vishnu Datta, S. Aravinda Ram and **Siddaramaiah**: “Development and characterization of ground mixtures of aripiprazole with hydrophilic carriers”, Intl. J. Pharmaceutical Research and Bio-Sci., **2**(6): (2013) 537-556. ISSN No:2277-8713, Impact factor: 1.862, Citation: 0.
 254. D.V. Gowda, M.Vishnu Datta, S. Meenakshi, **Siddaramaiah** and N.Vishal Kumar Gupta: “Formulation and evaluation of dry powders containing anti tuberculosis drugs for pulmonary delivery”, Indo Am. J. Pharm Research, **3** (12) (2013)1239-1248. ISSN No:2231-6876, Impact factor: 0.437, Citation: 1
 255. D.V. Gowda, M.Vishnu Datta, Vikas Kumar Gupta, **Siddaramaiah** and Atul Srivastava: “Preparation and evaluation of waxes/fat microspheres loaded with propafenone hydrochloride for controlled release”, Intl. J for Pharmaceutical Research Scholars, **2**, I-4 (2013) 277-285, ISSN No: 2277-7873, Impact factor: 0.265.
 256. H.N.Chandrakala, B.Ramaraj, Shivakumaraiah and **Siddaramaiah**: “Optical properties and structural characteristics of zinc oxide-cerium oxide doped polyvinyl alcohol films”, J. Alloys and Compounds, **586** (2014) 333-342. ISSN No: 0925-8388, Impact factor: 2.999, Citation:7.
 257. H.N.Chandrakala, B.Ramaraj, Shivakumaraiah and **Siddaramaiah**: “Investigations on the influence of lithium potassium zirconate nanoparticles on the electrical properties and structural characteristics of polyvinyl alcohol films”, J. Physics and Chemistry of Solids, **75** (2) (2014) 252–258, ISSN-00223697, Impact Factor: 2.048.
 258. M. Chethana, B.S. Madhukar, **Siddaramaiah** and R. Somashekar: “Structure–property relationship of biobased polyurethanes obtained from mixture of naturally occurring vegetables oils”, Advances in Polymer Tech., **33**(1) 2014, 21390. ISSN No: 1098-2329, Impact factor: 1.045, Citation: 0
 259. Johnsy George, R. Kumar, R. Ramalingam, V.A. Sajeevkumar, K.V.Ramana, V. Abhishek, S.N. Sabapathy and **Siddaramaiah**: "Hybrid HPMC nanocomposites containing bacterial cellulose nanocrystals and silver nanoparticles", Carbohydrate Polymers, **105** (2014) 285–292. ISSN No: 01448617, Impact factor: 4.074, Citation: 7

260. M. Chethana, B.Ramaraj, B.S. Madhukar and **Siddaramaiah**: "Investigation on the influence of nanoclay on the mechanical, thermal and morphological properties of polyurethane matrix filled with ginger spent", *Advances in Polymer Tech.*, **33**(2) (2014) 21404, ISSN No: 1098-2329, Impact factor: 1.045.
261. M. Chethana, B.S. Madhukar, R. Somashekar and **Siddaramaiah**: "The influence of ginger spent loading on mechanical, thermal and microstructural behaviours of polyurethane green composites", *J. Composite Materials*, **48** (18) (2014) 2251–2264. ISSN No: 0021- 9983)print(;1530-793 X)online(Impact factor: 1.257, Citation: 5
262. P.S. Shivakumar Gouda, S.C. Galaveen, **Siddaramaiah**, and N. Dayananda Jawali: "Effect of glass/nylon coated aluminum fibers on torsional properties of epoxy polymer composite shafts", *Malaysian Polymer Journal*, **9** (1), p 24-29, 2014. ISSN No:1823-7789, Impact factor: 0.027.
263. H.S. Keerthy, D.V. Gowda, R.D. Deshpande, **Siddaramaiah** and V. Datta: "Development of non-effervescent low density floating tablets of cefpodoxime proxetil", *Intl. J. for Pharmaceutical Research Scholars*, **3**(3) (2014), 69-77, ISSN No: 2277-7873, Impact factor: 0.265.
264. D.V. Gowda, R.D. Deshpande, H.S.Keerthy, V. Datta and **Siddaramaiah**: "Fabrication of ultrafine amorphous atorvastatin calcium nanoparticles by novel bottom-up technique", *Intl. J. for Pharmaceutical Research Scholars*, **3**(3) (2014) 78-85, Impact factor - 1.02.
265. Muneera Begam, M.Vishnu Datta, D.V. Gowda, A.S. Aravindaram and **Siddaramaiah**: "Development and characterization of co-ground mixtures and solid dispersions of aripiprazole with hydrophilic carriers", *Intl. J. Pharmacy and Pharmaceutical Sciences*, **6**, Suppl Issue 2, (2014) 552-557. ISSN No: 0975 - 1491, Impact factor: 0.55.
266. R. Shruthi, **Siddaramaiah**, R. Gayathri and R. Vasanthakumari: "Studies on nylon 6/CNT nanofiber membrane applications for heavy metal separation from industry waste water", *Ind. J. of Advances in Chemical Sci.*, **2** (2014) 72-75. ISSN No: 2320-0898.
267. S.K. Sindhu, D.V. Gowda, Vishnu Datta and **Siddaramaiah**: "Formulation and evaluation of injectable in-situ gelling matrix system for controlled drug release", *Ind. J. of Advances in Chemical Sci.*, **2** (2014) 89-92. ISSN 2320-0898, EISSN 2320-0928, Citation: 1.
268. D.V. Gowda, Atul Srivastava, A.S. Aravind Ram, M. Vishnudatta and **Siddaramaiah**: Encapsulation of lornoxicam into spermaceti microspheres and comparative bioavailability study. *Intl. J. Drug Del.*, 2014; 6: 7 13. ISSN 0976 – 044X, Impact factor - 2.1, Citation: 1.
269. D.V. Gowda, Rohan D Deshpande, Keerthy, H.S, and **Siddaramiah**: Study of locust bean gum as binder of immediate release atorvastatin calcium spheroids through extrusion and spheronization techniques. *Intl. J. Pharm. Sci. Res. Rev.*, **27** (2014) 396 – 402 ISSN 0976 – 044X, Impact factor- 2.1.
270. H.N. Chandrakala, Shivakumaraiah, H. Somashekarappa, R. Somashekar, S. Chinmayee and **Siddaramaiah**: "Poly(vinyl alcohol)/zinc oxide-cerium oxide nanocomposites: electrical, optical, structural and morphological characteristics", *Ind. J. of Advances in Chemical Sci.*, **2** (2014) 103-106. ISSN No: 2320-0898.
271. Johnsy George, R. Kumar, V.A. Sajeevkumar, S.N. Sabapathy and **Siddaramaiah**: "Amine functionalized nanoclay incorporated hydroxypropyl methyl cellulose nanocomposites: Synthesis and characterization", *Intl. J. Plast. Tech.*, **18**(2) (2014) 252–262. ISSN No: 0972-656X.

272. Prasad, N., **Siddaramaiah**, and Banu, M.: "Effect of antioxidant tertiary butyl hydroquinone on the thermal and oxidative stability of sesame oil (sesamum indicum) by ultrasonic studies", J. Food Sci. & Tech., **52**(4) (2015) 2238-2246. ISSN: 0022-1155 (Print) 0975-8402 (Online), Impact factor: 1.24.
273. M. Chethana, K. Prashantha and **Siddaramaiah**: Studies on thermal behavior, moisture absorption, and biodegradability of ginger spent incorporated polyurethane green composites, J. Appl. Polym. Sci., **132**(10) (2015) 41614. ISSN: 1097-4628, Impact factor: 1.6, Citation: 1.
274. Sindhu, S.K., **Siddaramaiah**, D. Vishakante Gowda, , Datta, V.M., A. Srivastava: "Formulation and evaluation of pH sensitive poly(acrylic acid-co-hydroxy ethyl methacrylate) hydrogels for specific site drug delivery", Der Pharma Chemica, 7(1) (2015) 35-45. ISSN: 0378-5173, Impact factor: 3.994.
275. D.V.Gowda, Atul Srivastava, **Siddaramaiah** and Rudra Vaghela: "Design, development and characterization of 5- Fluorouracil encapsulated porous chitosan nanoparticles: A comparative study", Adv. Sci. Eng. Med., 7 (2015) 1- 8 (ISSN: 2164 – 6627).
276. K.S.Nithin and **Siddaramaiah**: "Opto-electrical characteristics of poly(vinyl alcohol)/cesium zincate nano dielectrics", The Journal of Physical Chemistry, Part C, **119** (35) (2015) pp 20244-20255. Print Edition ISSN: 1932-7447 Web Edition ISSN: 1932-7455, Impact factor: 4.594.
277. Atul Srivastava, D.V. Gowda, Subba Rao V. Madhunapantula and Siddaramaiah: "Development and Efficacy Assessment of an Enteric Coated Porous Tablet Loaded With F4 Fimbriae for Oral Vaccination of Piglets against F4+ Enterotoxigenic Escherichia coli Infections", Current Drug Delivery, **13**(1) (2016) 121-130. ISSN: 1567-2018, Impact factor –1.5.
278. B.S. Madhukar, R. Somashekar, D.G. Bhadre Gowda, V. Annadurai and **Siddaramaiah**: "Phase behaviors of PU/SPI green composites using SAXS profiles", Advances in Polym. Tech., **35** (1) (2016) 21526, ISSN: 1098-2329, Impact factor - 1.114.
279. Mujeeda Banu, N. Prasad and **Siddaramaiah**: "Effect of antioxidant on thermal stability of vegetable oils by using ultrasonic studies", Intl. Food Research J., **23**(2) (2016) 528-536. ISSN 22317546 (Print), ISSN 19854668 (Online).
280. Nithin, S.K, Shivanna S, Shilpa Nagaraj K, Chiranjeevi, Ranjith, Chinmayee, S and **Siddaramaiah**: "Poly (vinyl alcohol) decorated lithium doped stannous oxide nanocomposites as highly flexible UVA shieldants", Chem. Sci. J., 7 (2016) 121. ISSN: 2150-3494.
281. K.S. Nithin; K.N. Shilpa, S. Sachhidananda and **Siddaramaiah**: "Highly flexible and visibly transparent poly(vinyl alcohol)/calcium zincate nano composite films for UVA shielding applications as assessed by novel ultraviolet photons induced fluorescence quenching", Macromolecules, **49** (7) (2016), 2791-2801. ISSN: 0024-9297 Web Edition ISSN: 1520-5835, Impact factor-5.54.
282. N. Ramesha, **Siddaramaiah** and S. Akhtar: "Abrasive water jet machining behavior of banyan tree saw dust powder loaded polypropylene green composites", Polym. Comp., **37**(6) (2016) 1754 – 1764.
283. Suma G.R., Nithin K.S., Latha B.V., Shilpa, K.N., S. Sachhidananda, S.V. Sathyanarayana and **Siddaramaiah**, "Refractive index engineering of strontium doped zirconium oxide (SZO) reinforced poly vinyl pyrrolidone composite films: Effect of

- dopant content and annealing temperature”, Intl. Journal of Eng. Sci. and Computing, **6** (5) (2016) 5703-5709.
284. Mujeeda Banu, **Siddaramaiah** and N. Prasad: “Radical Scavenging Activity of Tertiary Butyl Hydroquinone and Assessment of Stability of Palm Oil (*Elaeis guineensis*) by Ultrasonic Studies”, Chem. Biochem. Eng. Q., **30** (4) (2016) 477–487.
 285. K.S.Nithin, K.N.Shilpa, S. Sachhidananda and **Siddaramaiah**: Visibly transparent PVA/sodium doped dysprosia ($\text{Na}_2\text{Dy}_2\text{O}_4$) nano composite films with high refractive index: An optical study, J. Alloys and Compounds, **694** (2017) 884-891.
 286. B. Mahesh, G.S. Nanjundaswamy, D. Channe Gowda and **Siddaramaiah**: "Investigation on miscibility behaviors of elastin like polypentapeptide blends with polyvinyl alcohol in aqueous and solid state", J. Appl. Polym. Sci., **134** (12) 2017.
 287. N. Ramesha, **Siddaramaiah** and S. Akhtar: “Effect of banyan tree saw dust powder content on the mechanical properties and machining parameters on the machining behaviour of polypropylene composites”, *Intl. J. Machining and Machinability of Materials*, **19** (2), 2017, 160-179.
 288. B.S. Madhukar, D.G. Bhadregowda, R. Somashekar and **Siddaramaiah**: “Evaluation of mechanical, thermal and morphological behaviors of polyurethane/mahua seed cake green composite”, Advances in Polym. Tech., 36(2) (2017) 186-195 (Impact factor- 1.114, ISSN: 1098-2329).
 289. Suma G.R.; Nithin Kundachira Subramani; Sachhidananda Shivanna; S.V.Satyanarayana and **Siddaramaiah**: "Optical and electrical evaluation of $\text{Ag}_{0.5}\text{Cu}_{0.75}\text{O}$ Introduced Poly (vinyl alcohol) Based E.Coli Sensors", Journal of Mater. Sci.: Materials in Electronics, **28** (2017) 13139–13148.
 290. Murad Q.A. Al-Gunaid, Adel M.N Saeed, K.S. Nithin, B.S. Madhukar and **Siddaramaiah**: "Optical parameters, electrical permittivity and I-V characteristics of PVA/ Cs_2CuO_2 nanocomposite films for opto-electronic applications", J. Mater. Sci.: Materials in Electronics, **28** (11) 2017, pp 8074–8086.
 291. G. Santhosh, G. P. Nayaka, Johnston Aranha and **Siddaramaiah**: “Investigation on Electrical and Dielectric Behaviour of Halloysite Nanotube Incorporated Polycarbonate Nanocomposite Films”, Trans Indian Inst. Met., **70**(3) (2017), 549-555.
 292. Suma G.R., K.S. Nithin, Shilpa K.N., S. Sachhidananda, S.V.Satyanarayana and **Siddaramaiah**: "Effect of $\text{Ce}_{0.5}\text{Zr}_{0.5}\text{O}_2$ Nano Fillers on Structural and Optical Behaviors of Poly (vinyl alcohol)", Journal of Mater. Sci.: Materials in Electronics, **28**(14) (2017), pp 10707–10714.
 293. G.R. Suma, Nithin Kundachira Subramani, S. Sachhidananda, S.V. Satyanarayana and **Siddaramaiah**: “Nanotechnology enabled *E.Coli* sensors: An opto-electronic study”, Materials Today: Proceedings, **4**(10) (2017), 11300–11304.
 294. G. Santhosh, G.P.Nayaka, B.S. Madhukar, and **Siddaramaiah**: “Optical properties of PVP/ Li_3GaO_3 nanocomposites”, Materials Today: Proceedings 4 (2017) 12061–12069.
 295. P. S. Shivakumar Gouda, Vijay Chatterjee, **Siddaramaiah**, P.K. Barhai, and G.B. Veeresh Kumar: “Fracture toughness of glass epoxy laminates using carbon nano particles and ETBN rubber”, Materials Performances and Characterization, **6** (1) (2017) 488-499.
 296. M. Chethana and **Siddaramaiah**: "Restricted equilibrium swelling of n-alkanes posed by ginger spent filled polyurethane green composites during sorption, desorption, resorption and redesorption processes", Advances in Polym. Tech., (In Press). (Impact factor - 1.114, ISSN: 1098-2329).

297. B.S. Madhukar, D.G. Bhadregowda, K.Hemalatha, R.Somashekar and **Siddaramaiah**: "Polyurethane/ soya protein isolate green composites: spectral, microstructural, thermal, swelling and biodegradation behaviors", *Advances in Polym. Tech.*, (In Press). (Impact factor - 1.114, ISSN: 1098-2329).
298. H.B. Vasanth Patil, K.S. Nithin, S. Sachhidananda, **Siddaramaiah**, K.T. Chandrashekara and B.Y. Sathish Kumar: "Mycofabrication of bioactive silver nanoparticle: photo catalyzed synthesis and characterization to attest its augmented bio-efficacy", *Arabian Journal of Chemistry* (In Press).
299. B. Mahesh, G.S. Nanjundaswamy, D. Channe Gowda and **Siddaramaiah**: "Synthesis of elastin-based polymer and evaluation of its intermolecular interactions with hydroxypropyl methylcellulose", *J. Appl. Polym. Sci.*, (In Press).
300. T.Jeevananda, **Siddaramaiah** and Joong Hee Lee, "Fabrication of carbon black/HDPE/polyaniline functionalized multi-walled carbon nanotube composites for enhancing PTC characteristics", *Materials Today: Proceedings* (In Press).
301. Nabeel Ahmed Syed, M.N. Prabhakar, Song Jung-Il and **Siddaramaiah**: "Influence of silane modified vinyl ester on the properties of Abaca fiber reinforced composites", *Advances in Polymer Tech.*, (In Press).
302. Adel M.N Saeed, Murad Q.A. Al-Gunaid, K.S. Nithin, B.S. Madhukar and **Siddaramaiah**: "The effect of cesium aluminate nanofiller on optical properties of poly vinyl pyrrolidone nanocomposite films", *Polymer-Plastics Technology and Engg.*, (In Press).
303. Murad Q.A. Al-Gunaid, Adel M.N Saeed and **Siddaramaiah**: "Effect of electrolyte content on electrical permittivity, thermal stability and optical dispersion of PVA/Cs₂CuO₂-LiClO₄ nanocomposite solid polymer electrolytes", *J. Appl. Polym. Sci.*, (In Press).
304. Adel M.N Saeed, Murad Q.A. Al-Gunaid and **Siddaramaiah**: "Effect of lithium perchlorate on the opto-electrical and thermal properties of poly (vinyl pyrrolidone)/nano cesium aluminate solid polymer electrolytes", *Polymer-Plastics Technology and Engg.*, (In Press).
305. G. Santhosh, G.P. Nayaka, B.S. Madhukar, and **Siddaramaiah**: "Luminescent down-shifting aluminosilicate nanocomposites: an efficient UVA shielding Material for photovoltaics", *J. Mater. Sci.: Materials in Electronics* (Accepted).
306. B. Mahesh, G.S. Nanjundaswamy, D. Channe Gowda and **Siddaramaiah**: "Investigation of miscibility characteristics of synthetic elastin based polymer with poly(vinylpyrrolidone)", *J. Appl. Polym. Sci.*, (Accepted).

Dr. Roopa S:

1. Siddaramaiah, S.Roopa, U.Premakumar and A.Varadarajulu: "Sorption and Diffusion of Aldehydes and Ketones into Natural Rubber Blends", *J. Appl. Polym. Sci.*, **67** (1998) 101- 112 (IF- 0.88).
2. Siddaramaiah and S.Roopa: "Sorption and Diffusion of Alkane Penetrants into Natural Rubber Blends", *J. Polym. Matl.*, **15** (1998) 31-37, (IF- 0.4).
3. Siddaramaiah, S.Roopa and U.Premakumar: "Sorption and Diffusion of Substituted Aromatic Penetrants into Natural Rubber Blends", *Polymer*, **39** (17) 1998, 3925-3931 (IF- 0.979).
4. Siddaramaiah, S.Roopa and K.H.Guruprasad: "Interaction of Crosslinked EPDM blends with Chlorinated Organic Penetrants", *J. Appl. Polym. Sci.*, **88** (5) (2003) 1366-1375, (IF- 1.017).
5. Siddaramaiah, S.Roopa and K.H.Guruprasad: "Interaction of Crosslinked EPDM/SBR Blends with Carbonyl Penetrants", *J. Polym. Engg.*, **23** (1) (2003) 55-57, (IF- 0.47).
6. Siddaramaiah, H.Kumar, S.Roopa, B.K.K.Swamy and T.M.Aminbhavi: "Computer Simulation Method to Calculate Concentration Profiles in PU/PS IPN Membranes", *J. Appl. Polym. Sci.*, **90** (1) (2003) 122-128, (IF- 1.017).
7. H.Kumar, Siddaramaiah and S.Roopa: "Chemical and Tensile Properties of Unsaturated Polyester and Polyacrylonitrile Semi-Interpenetrating Polymer Network Coated Bamboo Fibers", *J. Reinforced Plastics & Composites*, **24** (2) (2005) 215-218, (IF- 1.5).
8. Siddaramaiah, P.Mallu, S.Roopa, H.Somashekarappa and R.Somashekar: "Physico-mechanical, Optical and WAXS Studies on Castor Oil Based PU/Polyacrylate IPNs", *J. Appl. Polym. Sci.*, **95** (3) (2005) 764-773, (IF- 1.072).
9. S.Roopa and Siddaramaiah: "Effect of Meta Kaolin Filler on the Physico-mechanical Properties and Chemical Resistance of Chain Extended Polyurethane", *J. Reinforced Plastics & Composites*, **26** (7) (2007) 681-686, (IF- 1.5).
10. Roopa, S., and Siddaramaiah: "Mechanical, Thermal and Morphological Behaviors of Castor Oil Based PU/PS Interpenetrating Polymer Network - Metakaolin Composites", *J. Macromol. Sci.-Pure & Appl. Chem.*, **A47** (7) (2010) 689 – 696 (IF- 0.81).
11. Roopa, S., and Siddaramaiah, "Mechanical, Thermal and Morphological Behaviors of Coconut Shell Powder Filled PU/PS Biocomposites", *Advanced Materials Research*, **123-125** (2010) 331-334
12. S. Rohini Thimmaiah, **S. Roopa** and Siddaramaiah "Studies on Untreated and Silane Treated Ground Granulated Blast Furnace Slag Incorporated Natural Rubber Vulcanizates" *Indian Journal of Advances in Chemical Science* **1** (4) (2013) 213-220, (IF- 2.63).

Mrs. S H Kameshwaridevi:

1. Effect of Thermoplastic Polyurethane content on properties of PC/TPU blend filled with Montmorillonite G. M. Shashidhara ,S. H. Kameshwari Devi and Shreyas D. K. Journal Carbon Science & Technology, 5/1 (2013) 218 – 224.
2. Shashidhara G.M., Kameshwari Devi S.H. and Preethi S. **“Isothermal crystallization behavior of PP and PP-g-GMA copolymer at high undercooling”** The Journal of the Russian Academy of Sciences. Polymer Science Series A, Polymer Physics, 2013 Vol 55, № 6. 669–679
3. K.R.Prakash ,B.M.Satish, P.K.Jain and **S.H.Kameshwari Devi,” Need for optimization of graphite partial reinforcement in ZA-27 Alloy Composites for Tribological Applications”** Material science and engineering A530(2011) ,382-388
4. **S.H.Kameshwari Devi**, G.M.Shashidhara **“Studies on PP/SBS Blends with and without Nanoclay”** Indian Journal of Engineering and Material Sciences (February 2011) 18,69-79.
5. **S.H.Kameshwari Devi**, G.M.Shashidhara and A.K.Ghosh **“Characterization of HDPE/MMT based Nanocomposites ”** Composite interfaces 17(2010), 217-222.

Dr. K G Pradeepa:

1. Shashikiran krishnsdas, **K G Pradeepa**, K N Prathibha: Rapid setting epoxy primer system with the addition of blocked catalyst, Indian journal of advances in chemical science, vol 2 special issue April 2014
2. G. M. Shashidhara and **K. G. Pradeepa**: Isothermal crystallization studies of Polyamide 6/liquid natural rubber blends at high under cooling, *Thermochimica acta*, **vol. 578**, 2014, pp 1-9. (DOI: 10.1016/j.tca.2013.12.017. ISSN: 0040-6031)
3. G. M. Shashidhara and **K. G. Pradeepa**: Preparation and characterization of Polyamide 6/liquid natural rubber blends, *Journal of Applied Polymer Science*, **vol. 131**, issue 2, 2014, (DOI: 10.1002/app.39750. ISSN: 0021-8995)
4. G. M. Shashidhara, **K. G. Pradeepa**, Rupalika Goel, R.Bharath, Arun Dhumal Rao and R. Abhilash: Comparative study on the properties of PVC/TPU blends prepared by single screw and twin screw extruder. *Material Science Research India*, **vol.7**, 2010, pp 457-466. (ISSN 0973-3469).

Dr. Hemavathi A B:

1. **AB Hemavathi**, G Anupama, KV Vani, P Asha, NS Vijayalakshmi, KR Kumar (2002). Physico-chemical and mechanical properties evaluation of polyolefin films and composites. *Popular Plastics and Packaging*. 1, 65-70.
2. **AB Hemavathi**, H Umesh Hebbar and KSMS Raghavarao (2007). Reverse micellar extraction of bromelain from *Ananas comosus* L. Merryl. *Journal of Chemical Technology and Biotechnology* 82: 985-992.
3. **AB Hemavathi**, H Umesh Hebbar and KSMS Raghavarao (2008). Reverse micellar extraction of β -galactosidase from barley (*Hordeum vulgare*). *Applied Biochemistry and Biotechnology* 151: 522-531.
4. **AB Hemavathi**, H Umesh Hebbar and KSMS Raghavarao (2010). Mixed reverse micellar systems for extraction and purification of β -glucosidase. *Separation and Purification Technology* 71: 263–268.
5. **AB Hemavathi** and KSMS Raghavarao (2011). Differential partitioning of β -galactosidase and β -glucosidase using aqueous two phase extraction. *Process Biochemistry* 46, 649-655.
6. **AB Hemavathi** and KSMS Raghavarao (2011). Membrane processing for purification and concentration of β -glycosidases of Barley (*Hordeum vulgare*). *Biotechnology and Bioprocess Engineering*. 16, 282-290.
7. H Umesh Hebbar, **AB Hemavathi**, B Sumana and KSMS Raghavarao (2011). Reverse micellar extraction of bromelain from pineapple (*Ananas comosus* L. Merryl) waste: scaleup, reverse micelles characterization and mass transfer studies. *Separation Science and technology*. 46, 1656-1664.
8. Sunil Kumar, **AB Hemavathi** and H Umesh Hebbar (2011). Affinity based reverse micellar extraction and purification of bromelain from pineapple (*Ananas comosus* L. Merryl) waste. *Process biochemistry*. 46, 1216-1220.
9. H Umesh Hebbar, B Sumana, **AB Hemavathi** and KSMS Raghavarao (2012). Separation and purification of bromelain by reverse micellar extraction coupled ultrafiltration and comparative studies with other methods. *Food and Bioprocess Technology*. 5, 1010-1018.