**Department of Polymer Science & Technology**

**Technical Papers Presented at National & International Conferences**

**Dr. G. M. Shashidhara**

1. Studies on oxidative dehydrogenation of ethyl benzene, CHEMCON-91, Chennai, December 1991.
2. Styrene production via oxidative dehydrogenation of ethyl benzene over modified catalyst, 1st oil, gas and petrochemical congress, organized by NIOC research institute, Tehran, Iran , 1993
3. Suitability of reprocessed Nylon 6/Virgin Nylon 6 blends for roller assembly, CHEMCON-99, Chandīgarh, December 1999.
4. Sulphonated PEEK membranes for fuels cells, UK Fuel cell network conference NEC, Birmingham, UK, 9th April 2003.
5. Proton conductivity of Sulphonated PEEK and its blends with Polyetherimide, macro’2004, International conference on polymers for advance technologies, Trivandrum, 14-17 December 2004.
6. Rheological and Thermal Characterization of HDPE/MMT Nano-composites, International Conference on Polymeric Materials in Power Engineering, CPRI, Bangalore, 4th– 6th October 2007.
7. Characterization of HDPE based Nano-composites by X-ray diffraction and Transmission Electron Microscopy, 10th International Conference Advanced Materials (IUMRS-ICAM 2007) Bangalore, 8th – 13th October 2007.
8. PP-g MAH compatibilizer in Polypropyle/Nylon-6 blends, India International Rubber Conference & Expo-2007 (IIRC Udaipur, Rajasthan, ), 1st–3rd November 2007.
9. Participated in IIT Madras–INAE-CAETS Conference on International Engineering Education organized at IIT Madras from 1.3.2007 to 2.3.2007
10. Processing and Characterization of thermoplastic polyurethane and PVC blends, MACRO-08: National Conference on Eco-friendly Plastic and Rubber systems (NCEPRS) Mysore, 19th-20th May 2008.
11. Investigation on Electrical Properties of Behaviour of High Density Polyethylene/Ultra High Molecular Weight Polyethylene/Carbon Black Composites, (paper code: A02975-05087), International Conference on Materials for Advanced Technologies 2009 (ICMAT 2009) and International Union of Materials Research Societies-International Conference in Asia 2009 (IUMRS - ICA 2009), Suntec Singapore International Convention & Exhibition Centre, Singapore, 28 June - 3 July 2009.
12. G.M.ShashidharaS.H.Kameshwari Devi, Abhimanyu , Namithasingal, and Momitha D. “Studies on PP/SBS blends with and without nanoclay” presentated in an international conference Polymer Congress APA-2009 on Polymer Science and Technology : Vision and Scenario which will be held from December 17th- 20th, 2009 at New Delhi, India.
13. K. G. Pradeepa and G. M. Shashidhara: Comparative study on the properties of PVC/TPU blends prepared by single screw and twin screw extruder, 2 nd International Conference on Polymer Processing and Characterization (ICPPC – 2010) during 15 - 17th January 2010 held at kottayam, kerala, India.
14. G. M. Shashidhara, K. G. Pradeepa, Abhinandan S, Ashreetha K V, Sudheshna S and Vigneshkamath: Preparation of Nylon-6/Liquid natural rubber blends via mechanical mixing, National level symposium CHEMEXEL-2010, on 21st October 2010, organized by the Department of Chemical Engineering, Bapuji Institute of Engineering and Technology, Davengere, India
15. G. M. Shashidhara, K. G. Pradeepa, Sowmya B, Supriya D S, Nagendra M S and Santhosh kumar: Preparation and DSC studies of Poly vinyl alcohol and Nylon 6 blends, National level symposium CHEMEXEL-2010, on 21st October 2010, organized by the Department of Chemical Engineering, Bapuji Institute of Engineering and Technology, Davengere, India
16. G.M.ShashidharaS.H.Kameshwari Devi A paper entitled “ Preparation and Characterization of PC/ABS blends with and without Compatibilizer” presented in an international conference on Polymer Science and Engineering: Emerging Dimensions PSE-2010 held on 26th-27th November 2010 at Chandigarh
17. G. M. Shashidhara, K. G. Pradeepa, Abhinandan S, Ashreetha K V, Sudheshna S , and Vigneshkamath: Miscibility studies of Nylon-6/Liquid natural rubber blends, 5 th National Conference on Plastic and Rubber Technology, NCPRT, POLYCON-2011 during 25- 26th April 2011, organized by the Department of Polymer Science and Technology, SJCE, Mysore, India.
18. A paper entitled “ Properties and behavior of HDPE with Nanoclay” Presented in National conference on Plastic and Rubber Technology POLYCON-2011 which was held on 25th -26th April 2011, organized by Department of Polymer Science and Technology, S. J. College of Engineering, Mysore
19. A paper entitled “ Preparation and Characterization of PP/PBT blends without compatibilizers” Presented in National conference on Plastic and Rubber Technology POLYCON-2011 which was held on 25th -26th April 2011 organized by Department of Polymer Science and Technology, S. J. College of Engineering, Mysore.
20. G. M. Shashidhara, K. G. Pradeepa, Sowmya B, Supriya D S, Nagendra M S, and Santhosh kumar: Miscibility and DSC studied of Poly vinyl alcohol and Nylon 6 blends, 5 th National Conference on Plastic and Rubber Technology, NCPRT POLYCON-2011 during 25- 26th April 2011, organized by the Department of Polymer Science and Technology, SJCE, Mysore, India.
21. A paper entitled “Mechanical and Thermal Characterization of PP/PBT blends with compatibilizer” presented in National level symposium CHEMEXEL-2011, organized by the Department of Chemical Engineering, Bapuji Institute of Engineering and Technology, Davengere, on 21st October 2011
22. A paper entitled ‘‘Study on effect of Thermo Plastic Polyurethane on thermal and mechanical properties of Polycarbonate’’ presented in National level symposium CHEMEXEL-2011, organized by the Department of Chemical Engineering, Bapuji Institute of Engineering and Technology,Davengere,on 21st October 2011
23. A paper entitled ”Thermal and Rheological evaluation of HDPE Based Nanocomposites’’ presented in National level symposium CHEMEXEL-2011, organized by the Department of Chemical Engineering, Bapuji Institute of Engineering and Technology, Davengere,on 21st October 2011
24. G.M.ShashidharaS.H.Kameshwari Devi, Thouphic Ahmed, Fardeen, Shilpa and Lubna Nawaz “Modification and characterization of Polycarbonate with Missible Thermoplastic Polyurethane, presented in an International Conference on Synthetic and Structural Chemistry ICSSC-2011 at Mangalore University,Manglore from December 8-10, 2011
25. A.K.GhoshS.H.Kameshwari Devi, G.M.Shashidhara, Varun V and CharishmaBopanna “Synthesis and evaluation of HDPE based nanocomposites” presented in an International Conference on Synthetic and Structural Chemistry ICSSC-2011 at Mangalore University,Manglore from December 8- 10, 2011
26. Isothermal crystallization Kinetics of Polyamide 6/ Liquid natural rubber blends 4th National Symposium for Materials Research Scholars MR-12,Bombay, 4th May 2012.
27. Effect of Thermoplastic Polyurethane content on properties of Polycarbonate based nanocomposites”,2nd International conference on Nanotechnology- Innovative Materials, Processes, Products & Application, NANOCON-2012, Pune, 18th-19th October 2012.
28. Isothermal crystallization Kinetics of PP-g-GMA at high under-cooling, 3rd FAPS Polymer Congress and MACRO-2013, Bangalore, 15.5.2013 to 18.5.2013.
29. K. G. Pradeepa and G. M. Shashidhara: DMA studies of Polyamide 6 and Polyvinyl alcohol blends with and without peroxides, Asia/Australia regional meet (PPS-2013), Mumbai, India organized by Polymer processing society, during 4-7th December 2013 at Ramada Powai Hotel and Convention centre, Mumbai, India.
30. Presented a papers in ASIAN WORKSHOP ON POLYMER PROCESSING Organized by PPS, 8-11 December 2013 at Goa
31. Academic Research award of excellence – presented during International Conference and exhibition on additive manufacturing technologies, 7-8TH October 2013
32. G.M.Shashidhara&S.H.Kameshwari Devi presented paper entitled “Viscoelastic behavior of montmorillonite filled PP/SBS blends : Application of Kerner model “ in an initiative under Tequip-II international conference on “Advanced materials and technology (ICMAT-16)” organized by S.J.College of Engineering ,Mysuru, during 26th May to 28th May 2016.
33. G.M.Shashidhara&S.H.Kameshwari Devi “A study on effect of compatibilizers on properties of PC/ABS blends” presented in an ISAMEA-2017, an International symposium on Advanced Materials in Engineering Applications sponsored by TEQIP Phase-II and organized by department of mechanical engineering, NIE,Mysuru on March 24-25 , 2017.
34. Pradeepa K G, Shashidhara G M and Chandrika G M presented paper entitled “ Preparation and characterization of polyamide 6/ poly (vinyl alcohol) blends with and without peroxide in ISAMEA-2017, an International symposium on Advanced Materials in Engineering Applications sponsored by TEQIP Phase-II and organized by Department of Mechanical Engineering, NIE, Mysuru during 24-25 March 2017.
35. G.M. Shashidhara and S.H. Kameshwari Devi ,Compatibilization of PC/ABS blends by Styrene Maleic anhydride and Elvaloy copolymers, presented in the 7th national conference on novel Polymeric materials (Synthesis, Processing and Characterization) held at department of polymer science and technology, SJCE, Mysore 15th-16th September 2017.
36. Pradeepa K G, Shashidhara G M and Chandrika G M, Fuel Sorption studies of Polyamide 6 and Polyvinyl alcohol blends presented in POLYCON 2017 the 7th national conference on novel Polymeric materials (Synthesis, Processing and Characterization) held at department of polymer science and technology, SJCE, Mysore 15th-16th September 2017

**Dr. Siddaramaiah**

1. K.S. Jagadeesh and **Siddaramaiah**: "Synthesis and Formulation of Resin Systems for Advanced Composites", Proc. Intl. Conf. on Polym. Proced. (Kyoto, Japan), Abstr. **12**-1, (1989) 175.
2. K.S.Jagadeesh and **Siddaramaiah**: "Analysis of Organic Contaminates by HPLC", All India Seminar on Instrumentation in Environmental Monitoring, Mysore, March 1990.
3. **Siddaramaiah:** "Evaluation of Elastomers by Thermoanalytical Method", Elastofest’91- one day Seminar on Present Trends in Elastomers, their Processing and Testing held at Madras Institute of Technology, Anna University, Madras, March 1991.
4. K.S. Jagadeesh and **Siddaramaiah**: "Polymerization Kinetics and Thermal Stability of Epoxy Resins", Regional Conf. on Polymer Processing Society held at Shangai, China, October, 15-18, 1991.
5. K.S. Jagadeesh and **Siddaramaiah**: "Curing and Characterization of Multifunctional Epoxies by Thermal and Dynamo Mechanical Techniques", Presented at 37th Intl. SAMPE Symp., held at Anaheim, California, USA, **37** (1992), 440.
6. K.S.Jagadeesh and **Siddaramaiah**: "Effect of Reactive Diluents on Physical and Mechanical Properties of Tetrafunctional Epoxy Composites", Presented at Proc. Intl. Conf. of Polym. Proc. Soc., (PPS-8), New Delhi, Abstr. 8-11, 1992, (302).
7. C.V.S.Subramanyam, H.G.Shivakumar and **Siddaramaiah:** "Influence of Solvents on the Crystal Habit, Characteristics of Phenobarbitone", Presented at 45th Indian Pharmaceutical Congress, New Delhi, during 23-25, December 1993.
8. C.V.S.Subramanyam, H.G.Shivakumar and **Siddaramaiah:** "Physico-Chemical Correlation of Phenobarbitone Crystal Habit obtained from various Solvents", Presented at Intl. Seminar on Recent Trends in Pharmaceutical Sci., Ooty, India, 18-20, February 1995.
9. **Siddaramaiah**, C.R.Praveen and P.Mallu: "Synthesis and Characterization of Interpenetrating Polymer Networks", Presented at APT'96, Cochin University of Sci. & Tech., Cochin, 7-8, Feb. 1996, p. no. 123.
10. T.Jeevananda and **Siddaramaiah**: "Synthesis and Characterization of Microcrystalline Cellulose Powder", PPS-12, 12th Intl. Annual meeting, Sorrento, Italy, **Abstr. No. 11.2,** 1996.
11. V.B.Atul, S.Girish, D.Srinivas and **Siddaramaiah**: "Studies on Aggressive Environmental Effects on Mechanical Properties of Glass-Epoxy-Reinforced Composites", Abstr. of 36th IUPAC Intl. Symp. on Macromolecules held at Seoul, South Korea, **Abstr. No. 8-P05-29**, Aug. 4-9, 1996, p. no. 977.
12. S.M.Lokesh Babu and **Siddaramaiah**: "Studies on Luminosity of Bleached Cotton Linters Pulp", Abstr. of 36th IUPAC Intl. Symp. on Macromolecules held at Seoul, South Korea, **Abstr. No. 8-P02-56**, Aug. 4-9, 1996, p. no. 866.
13. K.S.Jagadeesh, **Siddaramaiah**, and P.Mallu: "Interpenetrating Polymer Networks from Castor Oil Based on Polyurethanes and Polystyrene", Abstr. of 36th IUPAC Intl. Symp. on Macromolecules held at Seoul, South Korea, **Abstr. No. 8-P05-28**, Aug. 4-9, 1996, p. no. 976.
14. A.Ramakrishna and **Siddaramaiah**: "Effect of thermal processing on the crystallization behaviour of polymeric films", Abstr. of 36th IUPAC Intl. Symp. on Macromolecules held at Seoul, South Korea, **Abstr. No. 8-P04-06**, Aug. 4-9, 1996, p. no. 905.
15. **Siddaramaiah**, M.V.Chaithanya Kumar, N.Harish, C.D.Ashwath and K.Palaksha: "Synthesis and characterization of ferrite complex and its composites", Ind. Council of Chemists, 15th Conf. held at Dr.B.S.Ambedkar Marathawada University, Aurangabad, 24-26th, October 1996.
16. **Siddaramaiah**, P.Mallu and K.S.Jagadeesh: "Thermal characterization of castor oil based polyurethane/polystyrene interpenetrating polymer networks", Conf. on Polymer Processing Towards AD 2000, held at Singapore, Abstr. No. **005**, 26-28th Nov. 1996.
17. A.Ramakrishna and **Siddaramaiah**: "Effect of Thermal Processing on PP and its Blends", Conf. on Polym. Processing towards AD 2000, held at Singapore, Abstr. No. **006**, Nov. 1996.
18. M.V.Chaithanya Kumar and **Siddaramaiah**: "Characterization of Co-BHF Microwave Absorbers", Presented in the Conf. on Impact of Electronics on Automation: The Indian Scenario, held at University of Roorkee, Roorkee, Jan., 20-21, 1997.
19. P.Mallu, R.Sriram and **Siddaramaiah**: "Synthesis and Characterization of Castor-oil Based Polyurethane and Polyacrylates Interpenetrating Polymer Networks", presented at Intl. Conf. on Rubbers (Rubber'97), conducted by RTC, IIT Kharagpur, held at Calcutta, India, Vol-II, P-19, p. no. 1-4, December 12-14, 1997.
20. T.Jeevananda, S.Palaniappan, S.Seetharama and **Siddaramaiah**: "Polyaniline-Epoxy Novalac Resin Composite for Antistatic Application", IUPAC Intl. Symp. on Advances in Polym. Sci. and Tech., Macro'98, held at Central Leather Research Institute, Chennai-20, India, Vol-II, p. no. 335-338, Jan. 5-9, 1998.
21. S.K.Shetty, S.A.Akram, A.Maheswari, R.Poornesh, S.Nataraj and **Siddaramaiah**: "Properties of Epoxy-Fibre Reinforced Composites", Presented in Natl. Symp. on APT'98, Cochin University of Sci. & Tech., Cochin, March 27-28, 1998.
22. Rudramurthy, **Siddaramaiah** and N.G.Nair: "Sandwich Composites for Sound Dampening Applications", Presented in Natl. Symp. on APT'98, Cochin University of Sci. & Tech., Cochin, March 27-28, 1998.
23. P.Mallu, **Siddaramaiah** and R.Somashekar: "Structure-property-relationship in PU/PS interpenetrating polymer networks": Presented in Natl. Symp. on APT'98, Cochin University of Sci. & Tech., Cochin, March 27-28, 1998.
24. T.Jeevananda, S.Palaniappan and **Siddaramaiah**: "Synthesis and characterization of polyaniline-epoxy novalac resin", Presented in Natl. Symp. on APT'98, Cochin University of Sci. & Tech., Cochin, March 27-28, 1998.
25. P.Mallu, **Siddaramaiah** and R.Somashekar: "Synthesis and Characterization of Castor oil Based PU/PAN IPNs", The 5th IUMRS Intl. Conf. in Asia, IUMRS-ICA'98, IISc., Bangalore, India, Oct. 13-16, 1998, Abstract No. **J17**, p. no. 334.
26. **Siddaramaiah,** Baldevraj and R.Somashekar: "Properties of PVA/Starch Biodegradable Composite", The 5th IUMRS Intl. Conf. in Asia, IUMRS-ICA'98, IISc., Bangalore, India, Oct. 13-16, 1998, Abstract No. **T02**, p no. 588.
27. **Siddaramaiah,** R.T.Nagaralli, K.S.Jagadeesh and R.Somashekar: "Mechanical and WAXS Studies on LDPE films with/without Fillers”, The 5th  IUMRS Intl. Conf. in Asia, IUMRS-ICA'98, IISc, Bangalore, India, Oct. 13-16, 1998, Abstract No. **J16**, P. No. 333.
28. K.M.Manoj, M.R.Sheshadri, D.Abraham, S.V.Subramanyam and **Siddaramaiah:** "Synthesis of Soluble Polyaniline and its blends with cellulose acetate and nylon 6", The 5th IUMRS Intl. Conf. in Asia, IUMRS-ICA'98, IISc., Bangalore, India, Oct. 13-16, 1998, Abstr. No. **J27**, p. no. 342.
29. **Siddaramaiah,** B.C. Murthy and K.H. Guru Prasad, “Studies on room temperature curable carbon epoxy composites for tooling applications”, Natl. Conf. on Polym., for Ind. & Soc., Feb. 7-8th 2000, held at Kuvempu University, Shimoga.
30. Baldevraj and **Siddaramaiah**: “Physico-Mechanical, Spectroscopic, Optical and Morphological Studies on LDPE/Starch Composites”, Intl. Sem. on Polym. Matl., In 21st Century, 21st-24th Feb. 2000, held at New Delhi.
31. **Siddaramaiah,** Baldevraj, D.Nagaraj, Vijay Kumar and K.Udaya Shankar: “Effect of wax and TiO2 on the properties of LDPE films”, Intl. Sem. on Polym. Matl., In 21st Century, 21st-24th Feb. 2000, held at New Delhi.
32. N.S.Vijayalakshmi, Baldev Raj, P.Srinivas and **Siddaramaiah**: “Studies on Estimation of DOP Plasticizer and Migration of Additives from PVC Films in Food Stimulants”, 14th Ind. Conv. of Food Scientists and Technologists 22-24, Nov. 2000, Mysore, India.
33. Baldev Raj, A.E Raj, V.B.V.Kumar, P.Madan, K.Udayashankar and **Siddaramaiah**: “Development of Starch LDPD Blended Films and their Characterization”, 14th Ind. Conv. of Food Scientists and Technologists, 22-24, Nov. 2000, Mysore, India.
34. B.K.K. Swamy and **Siddaramaiah**: “Chain-extended Polyurethanes: Synthesis and characterization”, Macro-2000, Proced. of Natl. Symp. on Polym. & Comp., 1-2 Dec 2000, p.110, DMSRDE, Kanpur.
35. Muneera Begum and **Siddaramaiah**: “Synthesis and Characterization of PDMS/PMMA IPNs”, Macro 2000, Proced. of Natl. Symp. on Polym. & Comp., 1-2 Dec 2000, p.494, DMSRDE, Kanpur.
36. T. Jeevananda and **Siddaramaiah**: “Structure-property relationship of Polyaniline-EVA blends”, Macro-2000, Proced. of Natl. Symp. on Polym. & Comp., 1-2 Dec 2000, p.77, DMSRDE, Kanpur.
37. Baldev Raj, VBV. Kumar, A.E.Raj and **Siddaramaiah**: Application of Model Equations for Sorption Isotherms of Starch/LDPE Blends”, Macro 2000, Proced. of Natl. Symp. on Polym. & Comp., 1-2 Dec 2000, p.337, DMSRDE, Kanpur.
38. Rudramurthy**, Siddaramaiah** and A. Ramachandra: “Agrowaste based composites for sound dampening”, Macro 2000, Proced. of Natl. Symp. on Polym. & Comp., 1-2 Dec 2000, p.377, DMSRDE, Kanpur.
39. S. Roopa and **Siddaramaiah**: “Interaction of Crosslinked EPDM Blends with Chlorinated Organic Penetrants”, Macro 2000, Proced. of Natl. Symp. on Polym. & Comp., 1-2 Dec 2000, p.121, DMSRDE, Kanpur.
40. P. Mallu, R. Somashekar and **Siddaramaiah**: “Physical, optical and WAXS studies on castor oil based PU/polyacrylate IPNs”, Macro 2000, Proced. of Natl. Symp. on Polym. & Comp., 1-2 Dec 2000, p.135, DMSRDE, Kanpur.
41. T. Jeevananda, M. Begum and **Siddaramaiah**: “Studies of Polyaniline filled PU/PMA IPNs”, Macro 2000, Proced. of Natl. Symp. on Polym. & Comp., 1-2 Dec 2000, p.136, DMSRDE, Kanpur.
42. M. Begum and **Siddaramaiah**: “Thermal degradation kinetics of PU/PBMA IPNs”, Macro 2000, Proced. of Natl. Symp. on Polym. & Comp., 1-2 Dec 2000, p.187, DMSRDE, Kanpur.
43. Beldev Raj, B.M. Smitha, Sowmya S, Shilpa P, Reshma R and **Siddaramaiah,** “ Effect of aging of Polyolenific Films, Presented in Natl. Sem. on Polymer Tech. for Industry and Society, Proced. P.76, Organized by Dept. of Indl. Chem. and Chem, Kuvempu University, Shimoga on Jan. 7th and 8th, 2000.
44. **Siddaramaiah,** K.H.Guruprasad and B.C. Murthy: “Physical, Mechanical and thermal Properties of Epoxy-carbon composites for tooling applications”, Presented in Natl. Seminar on Polym. Tech. for Industry and Society, Proced., Organized by Dept. of Indl. Chem. and Chemistry, Kuvempu University, Shimoga on Jan. 7th and 8th, 2000, P.74.
45. **Siddaramaiah**, N.D.Jawali, R.T.Nagaralli and K.S.Jagadeesh, “Studies on fabrication and characterization of recycled polyolefines-agro waste composites”, Intl. Conf. on Plastic Waste Management and Environment, Proceed. p no.111-115, held on March 15-16th 2001, New Delhi.
46. T.Jeevananda and **Siddaramaiah**: “Synthesis and characterization of SLS doped polyaniline and its blends with PC”, Natl. Sem. on Polymer, 27-28 July 2001, AC College of Tech., Chennai.
47. T.Jeevananda and **Siddaramaiah:** “Studies on ethylene vinyl acetate/ polyaniline for antistatic applications”, Intl. Symp. On Biodegradable Polym. & Packaging Matls., held on Nov. 17-18, 2001 at IICT, Hyderabad.
48. Muneera Begum, **Siddaramaiah**, H.Kumar and T.M.Aminbhavi: "Sorption and Diffusion Studies on PU/PBMA IPN with n-alkanes”, Presented in Natl. Sem. on Pollution Control-Recent Advances in Membrane Sci. & Tech., held at AC Tech., Anna University, Chennai, during 8 & 9th May 2002.
49. B.K.K. Swamy and **Siddaramaiah**: “Sorption and diffusion of organic penetrants into diol chain extended PU membranes, Presented in Natl. Sem. on Pollution Control-Recent Advances in Membrane Sci. & Tech., held at AC Tech., Anna University, Chennai, during 8 & 9th May 2002.
50. **Siddaramaiah**, H.Kumar, S.Roopa B.K.K.Swamy and T.M.Aminabhavi: "A Computer Simulation Method to Calculate Concentration Profiles in PU/PS IPN Membranes”, Presented in Natl. Sem. on Pollution Control-Recent Advances in Membrane Sci. & Tech., held at AC Tech., Anna University, Chennai, during 8 & 9th May 2002.
51. B.K.K.Swamy and **Siddaramaiah**: “Studies on polyaniline filled castor oil based chain extended polyurethanes”, Intl. Sem. on Advances in Polym. Tech., held at Cochin University, Cochin, during 13th - 14th, Dec. 2002.
52. K.Vidyalakshmi, K.N.Rashmi, T.M.Pramod Kumar, K.R. Kumar and **Siddaramaiah**: “Formulation and invitro evaluation of polyvinyl alcohol/chitosan blend films for drug delivery”, Intl. Sem. on Advances in Polym. Tech., held at Cochin University, Cochin, during 13th - 14th, Dec. 2002.
53. **Siddaramaiah,** K.H.Guruprasad, S.Roopa and S.H.K.Devi: “Effect of crosslinking systems on curing behaviour and mechanical properties of NBR/PVC blends”, Intl. Sem. on Advances in Polym. Tech., held at Cochin University, Cochin, during 13th - 14th, Dec. 2002.
54. **Siddaramaiah,** N.D.Jawali, V.S.Nagendra, H.G.Deepak, and R.K.Kumar: “Studies on physico-mechanical properties, machinability and bearing behaviour by FEM of Nylon 6/short fibre glass reinforced composites”, presented in Intl. Sem. on Advances in Polym. Tech., held at Cochin University, Cochin between 13th and 14th, Dec. 2002.
55. S.Sindhu, Sindhu Gowri, **Siddaramaiah** and K.R.Kumar: “Composite film structures for current and future needs”, presented in Intl. Sem. on Advances in Polym. Tech., held at Cochin University, Cochin between 13th and 14th, Dec. 2002.
56. **Siddaramaiah** and S.Roopa: “Effect of ageing on the properties of EPDM/SBR blends”, Intl. Sem. on Advances in Polym. Tech., held at Cochin University, Cochin between 13th and 14th, Dec. 2002.
57. **Siddaramaiah,** and Muneera Begum: “Structure-property relationship of PU/PVDC IPNs”, Intl. Sem. on Advances in Polym. Tech., held at Cochin University, Cochin between 13th and 14th, Dec. 2002.
58. P.R.Chetana, P.G.Ramappa and **Siddaramaiah,** "Study of thermal properties of Fe(III) complexes of Metoclopramide", Symposium on Role of “Analytical Science in Allied Disciplines” (ASIAD – 2003) on Nov. 29th, 2003, Organized by Indian Society of Analytical Chemists, Bangalore Chapter, at Dept. of Mines & Geology, Bangalore.
59. Baldev Raj, R.S.Jagadish, P.Srinivas and **Siddaramaiah:** "Modification of LDPE Films by Crosslinking with Diisocyanates for Packaging Applications", 5th Intl. Food Convention on Innovative Food Technologies and Quality Systems - Strategies for Global Competitiveness, held at Central Food Technological Research Institute, Mysore, India, between 5th - 8th Dec. 2003.
60. Rajesh S Match, N.Latha, P.Chandana, Baldev Raj, K.R.Kumar and **Siddaramaiah:**  "Modification and Characterization of Polyethylene, Films as Oxygen Scavengers in Food Packaging", 5th Intl. Food Convention on Innovative Food Technologies & Quality Systems - Strategies for Global Competitiveness, held at Central Food Technological Research Institute, Mysore, 5th - 8th Dec. 2003.
61. H.Kumar,A.Anil Kumarand **Siddaramaiah:** "Synthesis and Characterization of Semi-Interpenetrating Polymer Networks of Polyurethane with Vinyl Monomers by New Catalyst", presented at Intl. Sem. on Advances in Polym. Tech., (APT'04), held at Cochin University of Sci. & Technology, Kochi, 16 - 17 Jan 2004.
62. Muneera Begum and **Siddaramaiah**, "Structure-property Relationship of Castor Oil Based PU/PBMA Interpenetrating Polymer Networks", presented at, Intl. Sem. on Advances in Polym. Tech., (APT '04) held at Cochin University of Science & Tech., Kochi, from 16 to 17 Jan. 2004.
63. H.Kumar and **Siddaramaiah:** “Synthesis and Architecture of PU/PAN Interpenetrating Polymer Networks Using New Catalyst”, presented at Intl. Conf. on MACRO-2004 held at Thiruvananthapuram, India, Dec 15-17, 2004.
64. M.N.Sathessh Kumar and **Siddaramaiah:** “Studies on polyester Non woven Fabric Reinforced-(Polystyrene-co-butyl acrylate) Latex based Thermoplastic Composites”, presented at Intl. Conf. on MACRO-2004 held at Thiruvananthapuram, India, Dec 15-17, 2004.
65. N.D. Jawali, B.Siddeshwarappaand **Siddaramaiah:** “Studies on Shear and Peel Strengths on Adhesively Bonded Epoxy Composite Substrates”, Presented at Intl. Conf. on Advances in Polym. Blends, Composites, IPNs and Gels: Macro to Nano scales held at Kottayam, Kerala, India, March 21-23, 2005.
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**Prof. S. H. Kameshwaridevi**

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2. Sushmitha S, S.H.Kameshwari Devi, Kishora V K, Kaushik DattaChiranjeevi M C and Sandhya Rao **Study on effect of micro wave curing on properties of Kevlar/Epoxy composites** presented in an international symposium on advanced materials (ISAM-2017) organized by department of chemistry, SJCE, JSS Science and Technology university, Mysuru, India.
3. G.M. Shashidhara and **S.H. Kameshwari Devi**, Compatibilization of PC/ABS blends by Styrene Maleic anhydride and Elvaloy copolymers, was presented in the 7th national conference on novel Polymeric materials (Synthesis, Processing and Characterization) held at department of polymer science and technology, SJCE, Mysore 15th-16th September 2017.
4. Kaushik Datta, Kishora V K, Sushmitha S,Chiranjevi M C , **S.H.Kameshwari Devi** and Sandhya Rao”**Comparative studies on thermal and microwave curing of Kevlar-Epoxy oven prepreg laminates”** presented in an ISAMPE National Conference on Composites: INCCOM-15 (CSIR Platinum Jubilee Year 2016-17), under the theme “Emerging Trends in Design and Development of Composite Materials and Structures” organized by Indian Society for Advancement of Materials and Process Engineering ,Bangalore Chapter *In Association with* National Aerospace Laboratories (CSIR-NAL) Bangalore, held at CSIR-National Aerospace Laboratories, Bengaluru March 2-3, 2017
5. Sushmitha S, Kishora V K , Kaushik Datta, **S.H.Kameshwari Devi,** Chiranjeevi M C and Sandhya Rao, **Microwave curing – A rapid and energy efficient approach for Kevlar/Epoxy composites,** presented in an ISAMEA-2017, March 25-27 , 2017, an International symposium on advanced materials in engineering applications sponsored by TEQIP Phase-II and organized by department of mechanical engineering, NIE,Mysuru
6. **S.H.Kameshwari Devi** and A.K.Ghosh, **A study on effect of compatibilizers on HDPE/MMT nanocomposites** presented in an ISAMEA-2017, an Intl. Symp. on Advanced Materials in Engineering Applications sponsored by TEQIP Phase-II and organized by department of mechanical engineering, NIE,Mysuru on March 24-25 , 2017
7. **G.M.Shashidhara & S.H. Kameshwari Devi** “**A study on effect of** c**ompatibilizers on properties of PC/ABS blends**” presented in an ISAMEA-2017, an International symposium on Advanced Materials in Engineering Applications sponsored by TEQIP Phase-II and organized by department of mechanical engineering, NIE,Mysuru on March 24-25 , 2017
8. **G.M.Shashidhara & S.H.Kameshwari Devi** presented paper entitled “Viscoelastic behavior of montmorillonite filled PP/SBS blends : Application of Kerner model “ in an initiative under Tequip-II international conference on “Advanced materials and technology (ICMAT-16)” organized by S.J.College of Engineering ,Mysuru, during 26th May 2016 to 28th May 2016.
9. Attendeda national conference on “ Recent trends in chemical research (NCRTC-2014), held on 3rd and 4th of January 2014, organized by Department of Chemistry, SJCE, Mysore.
10. Shashidhara G. M., S. H. Kameshawari Devi and S. Preethi, “Isothermal Crystallization Behavior of PP and PP-*g-* GMA Copolymer at High Under cooling” presented in an 3rd International conference FAPS-MACRO-2013whichwas held at IISc , Bangalore 15th-18th May 2013.
11. G.M.Shashidhara **S.H.Kameshwari Devi** and Shreyas D.K.“Effect of ThermoplasticPolyurethane content on properties of Polycarbonate based nanocomposites**”** presented in an 2nd International conference on Nanotechnology Innovative Materials, Processes, Products & Application, **NANOCON-012** at Bharati Vidyapeeth University, Pune on 18th-19th October 2012.
12. G.M.Shashidhara, S.H.Kameshwari Devi**,** Thouphic Ahmed, Fardeen, Shilpa and Lubna Nawaz “Modification and characterization of Polycarbonate with Missible Thermoplastic Polyurethane**,** presented in an International Conference on Synthetic and Structural Chemistry ICSSC-2011 at Mangalore University,Manglore from December 8-10, 2011
13. A.K.Ghosh **S.H.Kameshwari Devi**, G.M.Shashidhara,Varun V and Charishma Bopanna “Synthesis and evaluation of HDPE based nanocomposites” presented in an International Conference on Synthetic and Structural Chemistry ICSSC-2011 at Mangalore University,Manglore from December 8-10, 2011
14. G.M.Shashidhara, **S.H.Kameshwari Devi**, A paper entitled “**Mechanical and Thermal Characterization of PP/PBT blends with compatibilizer”,** presented in National level symposium CHEMEXEL-2011, organized by the Department of Chemical Engineering, Bapuji Institute of Engineering and Technology, Davengere, on 21st October 2011
15. G.M.Shashidhara **S.H.Kameshwari Devi** ,A paper entitled ‘‘**Study on effect of Thermo Plastic Polyurethane on thermal and mechanical properties of Polycarbonate’’** presented in National level symposium CHEMEXEL-2011, organized by the Department of Chemical Engineering, Bapuji Institute of Engineering and Technology,Davengere,on 21st October 2011
16. A paper entitled **”Thermal and Rheological evaluation of HDPE Based Nanocomposites’’** presented in National level symposium CHEMEXEL-2011, organized by the Department of Chemical Engineering, Bapuji Institute of Engineering and Technology, Davengere,on 21st October 2011
17. A paper entitled **“Properties and behavior of HDPE with Nanoclay”** Presented in National conference on Plastic and Rubber Technology POLYCON-2011 which was held on 25th -26th April 2011, organized by Department of Polymer Science and Technology, S. J. College of Engineering, Mysore.
18. A paper entitled  **“Preparation and Characterization of PP/PBT blends without compatibilizers”** Presented in National conference on Plastic and Rubber Technology POLYCON-2011 which was held on 25th -26th April 2011 organized by Department of Polymer Science and Technology, S. J. College of Engineering, Mysore.
19. G.M.Shashidhara **S.H.Kameshwari Devi** A paper entitled **“ Preparation and Characterization of PC/ABS blends with and without Compatibilizer”** presented in an international conference on Polymer Science and Engineering: Emerging Dimensions PSE-2010 held on 26th-27th November 2010 at Chandigarh.
20. G.M.Shashidhara **S.H.Kameshwari Devi**, Abhimanyu , Namitha singal, and Momitha D. **“Studies on PP/SBS blends with and without nanoclay”** presentated in an international conference **Polymer Congress APA-2009** on Polymer Science and Technology : Vision and Scenario which will be held from December 17th- 20th, 2009 at New Delhi, India.
21. G.M.Shashidhara and **S.H.Kameshwari Devi** "Characterisation of HDPE based Nanocomposites X-ray diffraction and Transmission Electron Microscopy" accepted for poster presentation in the 10th International conference on "Advanced Materials "IUMRS-ICAM 2007 held at Bangalore 8th-13th October 2007.
22. G.M.Shashidhara **S.H.Kameshwari Devi** andA.K.Ghosh "Rheological and Thermal characterization of HDPE/MMT Nanocomposites" presented in International conference on "Polymeric Materials in Power Engineering" Held at Central Power Research Institute (CPRI), Bangalore 4th-6th October 2007.
23. A.K.Ghosh and **S.H.Kameshwari Devi,** "Development of HDPE based Nanocomposites for a Specified applications" was presented in the 3rd national conference on Polymers "MACRO-05" Held at SJCE, Mysore 15th-16th April 2005.
24. Siddaramaiah, **Roopa. S**, Guruprasad. K.H and Kameshwari Devi. S.H. **“**Effect of Crosslinking systems on Curing Behaviour and Mechanical Properties of Acrylonitrile Butadiene and PVC blends”, Intl. Conf. on Polymers in Information and Communication Technology**,** organized by Dept. of Polymer Science and Rubber Technology, Cochin University of Science and Technology, Cochin, held on 12th December 2002.

**Dr. K. G. Pradeepa**

1. Pradeepa K G, Shashidhara G M and Chandrika G M presented paper entitled “ Preparation and characterization of polyamide 6/ poly (vinyl alcohol) blends with and without peroxide in **ISAMEA-2017**, an International symposium on Advanced Materials in Engineering Applications sponsored by TEQIP Phase-II and organized by Department of Mechanical Engineering, NIE, Mysuru during 24-25 March 2017.
2. Pradeepa K G, Shashidhara G M and Chandrika G M, Fuel Sorption studies of Polyamide 6 and Polyvinyl alcohol blends presented in **POLYCON - 2017** the 7th national conference on novel Polymeric materials (Synthesis, Processing and Characterization) held at department of polymer science and technology, SJCE, Mysore 15th-16th September 2017
3. Shashikiran krishnsdas, **K G Pradeepa**, K N Prathibha: Rapid setting epoxy primer system with the addition of blocked catalyst, National Conference **“POLYCON-2014”** Organized by Department of Polymer Science and Technology in association with Indian rubber institute, Karnataka branch during 25th to 26th April 2014 at SJCE, Mysore.
4. G. M. Shashidhara and **K. G. Pradeepa**: Preparation and characterization of Polyamide 6/liquid natural rubber blends. **Asian Workshop on Polymer Processing (AWPP-2013)**, organized by the Polymer Processing Academy in association with the Department of Chemical and Petrochemicals, Ministry of Chemicals and Fertilizers, Government of India and The Central Institute of Plastics Engineering and Technology, during 8 -11th December 2013 at Cidade De Goa, India.
5. **K. G. Pradeepa** and G. M. Shashidhara: DMA studies of Polyamide 6 and Polyvinyl alcohol blends with and without peroxides, **Asia/Australia regional meet (PPS-2013)**, Mumbai, India organized by Polymer processing society, during 4-7th December 2013 at Ramada Powai Hotel and Convention centre, Mumbai, India.
6. **K. G. Pradeepa** and G. M. Shashidhara: Isothermal crystallization kinetics of Nylon 6 and Liquid Natural Rubber blends, **4th National symposium for material research scholars, (MR-12)** held at Department of Metallurgical Engineering and Material Science, during 4 - 5th May 2012, at Indian Institute of Technology Bombay, India**.**
7. G. M. Shashidhara, **K. G. Pradeepa**, Abhinandan S, Ashreetha K V, Sudheshna S , and Vignesh kamath: Miscibility studies of Nylon-6/Liquid natural rubber blends, **5th** **National Conference on Plastic and Rubber Technology, NCPRT, POLYCON-2011** during 25- 26th April 2011, organized by the Department of Polymer Science and Technology, SJCE, Mysore, India.
8. G. M. Shashidhara, **K. G. Pradeepa**, Sowmya B, Supriya D S, Nagendra M S, and Santhosh kumar: Miscibility and DSC studied of Poly vinyl alcohol and Nylon 6 blends, **5th National Conference on Plastic and Rubber Technology, NCPRT POLYCON-2011** during 25- 26th April 2011, organized by the Department of Polymer Science and Technology, SJCE, Mysore, India.
9. G. M. Shashidhara, **K. G. Pradeepa**, Abhinandan S, Ashreetha K V, Sudheshna S and Vignesh kamath: Preparation of Nylon-6/Liquid natural rubber blends via mechanical mixing, **National level symposium CHEMEXEL-2010**, on 21st October 2010, organized by the Department of Chemical Engineering, Bapuji Institute of Engineering and Technology, Davengere, India.
10. G. M. Shashidhara, **K. G. Pradeepa**, Sowmya B, Supriya D S, Nagendra M S and Santhosh kumar: Preparation and DSC studies of Poly vinyl alcohol and Nylon 6 blends, **National level symposium CHEMEXEL-2010**, on 21st October 2010, organized by the Department of Chemical Engineering, Bapuji Institute of Engineering and Technology, Davengere, India.
11. **K. G. Pradeepa** and G. M. Shashidhara: Comparative study on the properties of PVC/TPU blends prepared by single screw and twin screw extruder, **2nd** **International Conference on Polymer Processing and Characterization (ICPPC – 2010)** during 15 - 17th January 2010 held at kottayam, kerala, India.

**Prof. Chandresh M. P.**

1. **M. P. Chandresh** and G. S. AnanthaPadmanabha, “Studies to Understand Flow Promotion Caused by Polyhydric Compounds in Polycarbonate (PC) and Polybutylene Terephthalate (PBT)” in ‘National Conference on Recent Trends in Chemical Research’ (NCRTCR-2014), at SJCE, Mysuru, 3rd & 4th January 2014, pp. 25-26.
2. **M. P. Chandresh**, Siddaramaiah and Roopa S., “Effect of liquid isoprene rubber on natural rubber vulcanizates” in IRMRA-CII Rubber Conference (ICRC-2015) on 'Empowering the rubber & allied industry through indigenization, innovation on technology, materials and processes’, at Bombay Exhibition Centre, Mumbai, 16th & 17h December 2015, pp. 32.
3. **Chandresh M. P,** Roopa S., and Suryanarayanan M. R., “Toughening of polystyrene by polybutadiene/liquid butadiene rubber master-batch”, 7th National conference on Novel Polymeric Materials (POLYCON-2017), 15th September 2017.
4. Pooja K. J., Chirag Chengappa, Chandrashekar, Pavan M., **Chandresh M. P.** and Akshay N, “Utilization of industrial waste ‘Sodium Sulfate’ as inert filler with LLDPE”, One day International Symposium on Advanced Materials (ISAM-2017), 27th December 2017, pp. 23.

**Dr. A. B. Hemavathi**

1. **A.B. Hemavathi**and Siddaramaiah, Epoxy Based Composites for Advanced Biomedical Applications. National conference on novel polymeric materials: synthesis, processing and characterization, POLYCON 2017, held at Sri Jayachamarajendra College of Engg., Mysuru, during 15 and 16th September 2017.
2. **A.B. Hemavathi**, Preethi S, Mohammed Iqbal and G M Shashidhara, Isothermal Crystallization Kinetics Study of Nylon 66/LDPE Blends, POLYCON 2017, held at Sri Jayachamarajendra College of Engg., Mysuru, during 15 and 16th September 2017.
3. **A.B. Hemavathi.** Development of Biopolymer Based Nanocomposite Films of Improved Mechanical and Barrier Properties. International Symposium on Advanced Materials for Engineering Applications (ISAMEA) 2017, NIE, Mysuru.
4. Sowmya B, Preethi S, **A.B. Hemavathi,** B.S. Madhukar, Roopa, S and Siddaramaiah. Preparation and characterization of PU/PMAA Based Interpenetrating Polymer Networks, Intl. Conf. on Advanced Materials and Tech., (ICMAT-16), held at Sri Jayachamarajendra College of Engg., Mysuru, during 26th to 28th May 2016.
5. **A.B. Hemavathi** andKSMS Raghavarao. Differential partitioning of β-galactosidase and β-glucosidase using aqueous two phase extraction. ICFOST 2009, Bangalore.
6. **AB Hemavathi**, H Umesh Hebbar and KSMS Raghavarao. Mixed reverse micellar systems for extraction and purification of β-glucosidase. IFCON 2008, Mysore.
7. **AB Hemavathi**, H Umesh Hebbar and KSMS Raghavarao. Reverse micellar extraction of β-galactosidase from barley *(Hordeum vulgare).* NHBT 2007, Trivandrum.
8. **AB Hemavathi**, H Umesh Hebbar and KSMS Raghavarao. Nanoparticulate system for the extraction of fruit bromelain. ICFOST 2006, Hyderabad.
9. B Sumana, **AB Hemavathi**, H Umesh Hebbar and KSMS Raghavarao. Separation and purification of bromelain from pineapple waste using reverse micellar extraction. ICFOST 2006, Hyderabad.
10. H Umesh Hebbar, **AB Hemavathi** and KSMS Raghavarao. Peroxidase extraction from radish using reverse micellar systems. ICFOST 2006, Hyderabad.
11. **AB Hemavathi**, H Umesh Hebbar and KSMS Raghavarao. Reverse micellar extraction of fruit bromelain using cationic surfactant. ICFOST 2005, Bangalore.
12. Naveen Nagaraj, B Ravindra Babu, **AB Hemavathi,** H Umesh Hebbar, KSMS Raghavarao and Sanjay Nene. Osmotic membrane distillation: A potential alternative for the concentration of liquid foods and natural colors. IFCON 2003, Mysore.

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