

PUBLICATIONS

Research papers presented:

1. 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.
2. Kaushik Datta, Kishora V K, Sushmitha S, Chiranjeevi 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
3. 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
4. **S.H.Kameshwari Devi** and A.K.Ghosh, **A study on effect of compatibilizers on HDPE/MMT nanocomposites** 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
5. **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
6. **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.
7. Attended a 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.

8. 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-2013 which was held at IISc , Bangalore 15th-18th May 2013.
9. G.M.Shashidhara **S.H.Kameshwari Devi** and Shreyas D.K."Effect of Thermoplastic Polyurethane 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.
10. G.M.Shashidhara **S.H.Kameshwari Devi**, Thoupfic 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
11. 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
12. 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
13. 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
14. 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
15. 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.
16. 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.

17. 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.
18. G.M.Shashidhara **S.H.Kameshwari Devi**, Abhimanyu , Namitha singal, and Momitha D. “**Studies on PP/SBS blends with and without nanoclay**” presented 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.
19. **Characterization of HDPE/MMT based Nanocomposites** ” presented in the 10th International conference on "polymer blends, composites,IPN'S, Membranes, polyelectrolytes and Gels: Macro to Nano scales ICBC-2008 held at Kottayam, Kerala from 22nd -24 th September 2008.
20. Actively participated in the conduction and organizing of "MACRO 08" a National level technical symposium 26th-27th March 2008.
21. "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. "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. "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. "Effects of Cross-Linking Systems on curing behaviour and mechanical properties of Acrylonitrile Butadiene Rubber and Poly Vinyl Chloride Blends" Presented in international conference on 'Polymers in information and communication technology" Organized by Dept. of Polymer Science and Rubber Technology, Cochin University of Science and Technology, Cochin and Technical University of Endovin, The Netherlands on 12th Dec. 2002.
25. Actively participated in the conduction and organizing of "MACRO 02" a National level technical symposium 26th-27th March 2002.

26. "Interaction of Cross-Linked EPDM blends with Chlorinated Organic Penetrants" in the National Seminar on 'Challenges in Environment Science and Technology for 21st century' 10th-11th June 2000.

Research Publications

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. ShashidharaG.M., KameshawariDevi S.H. and PreethiS. **“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 partical 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.