

Academics

1.Subjects Taught:

) Theory

- Processing Technology – I
- Processing Technology –II
- Compounding technology
- Product design
- Design of Moulds and Dies
- Fabrication Technology
- Heat and Mass transfer
- Testing of Polymers
- Smart materials
- Rheology of Polymers
- Industrial management
- Advanced Polymer composites (PG)
- Polymer Processing (PG)

▪ Laboratories:

-) Physical chemistry lab
-) Organic chemistry lab
-) Processing technology lab
-) Testing lab
-) Synthesis and characterization lab
-) Computer aided design lab
-) Chemical engineering lab
-) Fluid mechanics lab
-) Machine Shop

Short term courses/Workshops Attended :

1. Participated in Global initiative of academic networks (GIAN), a two week course on “Graphene based nanocomposites for energy harvesting and storage applications, organized at SJCE, Mysuru from 30th May 2016 to 10th June 2016.
2. A six day work shop on “Pedagogy of instructional Design and Delivery systems” TEQUIP-II program from 12th July 2016 to 17th July 2016 at SJCE ,Mysuru
3. Participated in Global initiative of academic networks (GIAN), a two week course on Performance information procurement system organized at SJCE, Mysuru from 4th 2016 to 15th July 2016
4. Participated in 9th national level crash course on Rubber technology from 29th June 2016 to 29th June 2016, jointly organized by dept of polymer science and IRI, Karnatake branch

5. Participated in a workshop entitled "Authors workshop on "Publish or Perish" an initiative under Tequip-II organized by SJCE, Mysuru on 26th March 2016.
6. A Technical education quality improvement program ,(TEQIP –II) on "linear algebra for electrical sciences" organized by department of electronics and communication, SJCE, Mysuru from 26th February to 2016 29th February.
7. Attended a workshop on approval process 2016-2017, changes in AICTE approval process hand book 2016-2017. Held on 8.03.2016 organized by SJCE, Mysuru.
8. Faculty development programme Tequip-II, Initiative on Testing & Characterization of Polymeric Materials 15-20th Sept 2014 Dept. of Polymer Science and Technology SJCE Mysore.
9. Attended a national conference on "Recent trends in chemical research (NCRTE-2014), held on 3rd and 4th of January 2014, organized by Department of Chemistry, SJCE, Mysore.
10. A two day Faculty development (FDP) Teqip-II initiative on "Polymer Composites" 30-31st August 2013 Dept. of Polymer Science and Technology SJCE Mysore.
11. Participated in faculty development programmed on "**ENTREPRENEURSHIP**" "sponsored by department of Science and Technology, Government of India through EDII Ahmadabad, organized by SJCE-STEP, Mysore from 9th July 2012 to 21st July 2012.
12. A two day seminar on " Role of nanocomposites in dielectrics and devices" organized by the Dept. of electronics and communication from 16th -17th March 2012 at SJCE, Mysore
13. A Winter School on Polymers : Synthesis, Characterization and Applications" held at the department of material Engineering, IISc, Bangalore, during December 20-24, 2010
14. A two day training on " Dynamic Mechanical Analysis" organized by the T.A Instruments , Bangalore on June 29th and 30th 2010.
15. A two day work shop on "Research Methodologies" organized by the VTU e-learning centre Mysore on December 29th and 30th 2009 in the centre for management studies ,S.J.C.E Mysore.
16. A one day work shop on "VTU Thesis development using latex" organized by the VTU e-learning centre, Mysore on December 31st 2009 in the centre for Management Studies ,S.J.C.E Mysore.
17. Work shop on "High Impact Teaching Skills" attested by Dale Carnegie & Associates, Inc. Trainer and Wipro on 25th to 29th of May 2009 conducted by Wipro and organized at centre for management at S.J.C.E Mysore.
18. Attended a day programme on "Characterization of Polymers using Thermal Analysis and Rheology and Calorimetry held at hotel Regalis, Mysore on 6th May 2008.
19. Three Days workshop on theory and practicals using UGS SOLID EDGE, organized at SJCE, Mysore 23 July 2007 by Visveswaraiah Technological University, Belgaum.
20. Training Programme on "Fiber reinforced Plastics Technology" 15-18 may. 2007, at Small industries service institute, Bangalore, Organised by Karnataka Association of FRP industries.
21. MOULD FLOW Training Programme, 14-18th February, 2006 at Dept. of PST, SJCE, Mysore.
22. IRONCAD Training Programme, 8-9 October 2005 at Dept. of PST, SJCE, Mysore.

23. Auto CAD-2D Drafting MDT-3D Modeling & Assembly Moldflow- Fill, Cool & Warp Analysis, 16-24th Aug. 2005, Amrita Vishwa Vidyapeetham, Coimbatore.
24. Training Programme on "Soft Skills & Efficiency Enhancement" under staff training Programme of AICTE, New Delhi, 11-23 July 2005
25. International Conference on "Water & Health (WAH-05)" at SJCE, Mysore 22-23 Jan. 2005.
26. ISTE_SJCE chapter organized two day orientation programme held on 20-21 July 2002.
27. AICTE-ISTE sponsored short term training programme on "Computer Applications in Civil Engineering." Organized by Dept. of Civil Engineering SJCED, Mysore 8th-19th Oct. 2001.
28. AICTE-ISTE sponsored short term training programme on "Recent Trends in Polymer Composites," SJCE, Mysore 17th-29th September. 2001.
29. AICTE-ISTE sponsored short term training programme on "Managing Hazardous Wastes in the new Millennium (MHWNM) by Dept of ENV. SJCE, Mysore 3rd -15th Sep. 2001.
30. QIP-ISTE Sponsored training on "Strategic Management of Technology" organised by Indian Institute of Science, Bangalore, 2nd-6th July 2001.
31. AICTE-ISTE sponsored short term training programme on "Advances in Chemical, Electrochemical & Nuclear Energy Systems" Organised by Dept. of Chemistry and Geology, PESCE, Mandya, 21st-31st Oct. 1999.
32. AICTE-ISTE sponsored short term training programme on "Familiarization with plastic processing Techniques", organized by CIPET, Bhopal 4th-15th Oct. 1999.
33. Three Day Programme on "Faculty Induction Training Programme", organized by ISTE SJCE chapter, SJCE, Mysore 15-17th February 1999.
34. AICTE-ISTE sponsored short term training programme on "Operation and Maintenance of industrial Instrumentation Systems", By Dept. of Mechanical Engineering. SJCE, Mysore 14th-26th Sept 1998.
35. ISTE sponsored "Strategic Planning for Institutional Management" organized by SJCE 26-27th Feb 1998.
36. Two day programme on "Educational utilization of Indian Standards 28-29 Jan. 1998 sponsored by BIS, organized by Dept. of Mechanical Engineering, SJCE, Mysore.

KSCST Funded projects

1. Studies on used ground tire blended polymers for domestic applications (2001-02) , KSCST, Bangalore.
2. Design and fabrication of instrumented dart impact tester (1998-99), KSCST, Bangalore.

Projects guided –UG

1. Comparative Studies on Thermal and Microwave Curing of Kevlar-Epoxy oven Prepreg Laminates, Kaushik Datta, Kishora V K and Sushmitha S (2016-17).
2. Preparation and Characterization of Water Based Adhesives, Aishwarya T, K Divya Shree, Kavya P and Ramana Prasad P V (2015-16).
3. A Study on Cross-Linking of Cellulose and its Derivatives, Akshay N, Nirupama .J, Rashmi Jois Sakshi N. S and Surya B.E. (2014-15).

4. To study the effect of SMA and *Elvaloy* compatibilizer on properties of PC/ABS blends ,Manasa,Neetu V,Sowmya N and Sowmya B Rao(2012-13).
5. Fabrication and Performance Evaluation of Hybrid Epoxy Composites for Life Saving Equipments Used in High Altitude Condition ,Bhavan Machaiah, Somauanda and Bhuvan Machaiah(2011-2012)
6. Molecular Imprinted Polymer (MIP) Based Remediation of DDT Contaminated Water,ashwini.M.B,Shruthi .R,Ikhlal ahmed nakhuda and Sushruth gomedic.R(2011-2012)
7. Study of Green Strength of inner tube compound and ways to improve it, Anil M, Deepthi P. Kulkarni,Sudhir Kumar and Sunil Kumar(2003-2004)
8. Study of Polypropylene property modification, Sujit Boswas(2003-2004)
9. Maturation study of Co – extruded polypropylene Film, Arun Kumar (2002-2003)
10. Biodegradable packaging films from Crustacean wastes, Anupama B, Achana. R and Mamatha S(2002-2003)
11. Biodegradable packaging material from microbial sources and their characterization, Archana. N, Raghavi. D. A, Sushma. G. V and Vijayalakshmi Urs. K(2002-2003)
12. Development of epoxy coating for corrosion protection, Hitesh. R and Zaheer Khan, (2001-2002)
13. Studies on phenol formaldehyde with natural/mineral fillers/ reinforced composites, ChandraShekar ,Guruprasad, G Badamgatti and Gurupratap Ahirwar (2001-2002)
Studies on used ground tyre blended polymer for domestic applications, Sahana N, Saraswathi Sowmyashri and V. Swapna (2001-2002)

Projects guided –PG

1. A study on crystallization kinetics of PP/PBT blends, Anusha H J (2015-2016)
2. Plasticizer Resistant Pressure Sensitive Adhesives, Sowmyashree k (2013- 2014)
3. Studies on Water Soluble Polymer Based Semi Inter Penetrating Polymeric Network Hydrogels ,Nithya M P(2012-2013)
4. Effect of TPU Content on PC Based Nanocomposites, Shreyes D K(2011-2012)
5. Study of Tribological Behavior of Epoxy Matrix Composite Reinforced By 10% Glass Fiber & 30% Coconut Fiber, Poornesh T.P(2011-2012)
6. Design of Inner Liner With Improved Air Retention for Truck Bus Radial Tyres, Lokesha.K.S (2010-2011)
7. Study of Molecular Orientation Effect on The Molded Parts of HDPE and LDPE Using Various Molding Techniques, Hari Prasad,(2010-2011)
8. Design of Tread Cap With Improved Wear Characteristics for Truck Bus Radial Tyres, Harish .V(2009-2010)
9. Natural Fiber Filled Green Composite, Manoj Kumar (2009-2010)
10. Studies on Preparation and Characterization of Melt-Extruded Poly –(Ethylene Napthalate)/Clay Nanocomposites, R.Sathish Kumar(2008-2009)

