

## Departmental Achievements & Highlights

- a. Department has completed good number of R&D sponsored projects from UGC, CSIR, DST, DRDO, VGST, KSCST and others.
- b. PST students regularly present research papers in seminars & conferences. 10 project works are published in journals.
- c. Department supports allround activities through Polymer Engineering Students' Association (PESA).
- d. PST is the nodal point for Indian Plastics Institute (IPI) Mysuru chapter & Indian Rubber Institute (IRI), Karnataka Branch.
- e. Department conducts Triennial national conference POLYCON.
- f. Professors have research collaboration with Universities in South Korea, Brazil, USA; and MOUs with CNU, Korea and IRI.
  - SJCE is the only institute in Karnataka offering technical degree in 'Polymer Science and Technology'.
  - Graduates can select following career options in India or Abroad:
    - Higher studies or research at premium research institutes/ universities;
    - Job at MNCs/industries: manufacturing, design, technical marketing, quality control, product development, etc.;
    - Entrepreneurship or aademic.

## Technical Events organized by PST (2011-2017)

Sl. No.	Name of the technical events organized	Date & Month	Source of Financial Support	Sponsored (if any)	No. of Participants
1.	POLYCON 2011 National conference on “ Plastic and rubber Technology	25-26 <sup>th</sup> April 2011	In association with IRI and Local Industries		200
2.	4 <sup>th</sup> National Level Crash Course on Rubber Technology	16 <sup>th</sup> to 19 <sup>th</sup> June 2011	In association with IRI		42
3.	Conference on “International year of Chemistry”	25 <sup>th</sup> November 2011	TEQIP - II	TEQIP - II	160
4.	5 <sup>th</sup> National Level Crash	22 <sup>nd</sup> to 25 <sup>th</sup>	In association		40

	Course on Rubber Technology	June 2012	with IRI		
5.	6 <sup>th</sup> National Level Crash Course on Rubber Technology	30 <sup>th</sup> June - 3 <sup>rd</sup> July 2013	In association with IRI		50
6.	Faculty development programme on "Polymer Composites"	30-31 <sup>st</sup> August 2013.	TEQIP - II	TEQIP - II	30
7.	POLYCON-2014 National Conference	25 <sup>th</sup> – 26 <sup>th</sup> April 2014	In association with IRI and Local Industries		250
8.	7 <sup>th</sup> National Level Crash Course on Rubber Technology	6 <sup>th</sup> to 9 <sup>th</sup> June 2014	In association with IRI		55
9.	One week faculty development programme on "Testing and characterization of polymeric materials"	15 <sup>th</sup> - 20 <sup>th</sup> September 2014	TEQIP-II	TEQIP-II	60
10.	8 <sup>th</sup> National Level Crash Course on Rubber Technology	27 <sup>th</sup> – 30 <sup>th</sup> June 2015	In association with IRI		85
11.	Finishing school on "Design and processing of polymers" (21 sessions)	27 <sup>th</sup> August 2015- 31 <sup>st</sup> Jan 2016	TEQIP - II	TEQIP - II	60
12.	ICMAT 2016 International conference	26 <sup>th</sup> -28 <sup>th</sup> May 2016	TEQIP - II	TEQIP - II	300
13.	GIAN programme on "Graphene-based Nanocomposites for Energy harvesting /Storage Applications"	30/5/2016 to 10/6/2016	MHRD	MHRD	55
14.	9 <sup>th</sup> National Level Crash Course on Rubber Technology	26 <sup>th</sup> – 30 <sup>th</sup> June 2016	In association with IRI		83
15.	Testing and Quality Management Systems in Rubber Industry	26 <sup>th</sup> -28 <sup>th</sup> Sept 2016	In association with IRI and HASTERI		60
16.	Global Engineering	18 <sup>th</sup> Nov	TEQIP - II	TEQIP - II	70

	Education – Emerging Trends and Challenges	2016			
17.	A technical talk on “Application of CAE in medical devices, Design & Production of Ocular insert in the management of Glaucoma”. Prof. Francis Lai. Dept. of Plastic Engineering, University of Massachusetts, Lowell.	7 <sup>th</sup> Jan 2017			60
18.	Finishing school on “Industrial Prospects on Polymer Compounding, Processing and Quality Control”. (36 sessions)	24 <sup>th</sup> Nov 2016 - 17 <sup>th</sup> March 2017	TEQIP - II	TEQIP - II	60
19.	POLYCON-2017 National Conference	15 <sup>th</sup> and 16 <sup>th</sup> September 2017	In association with IRI and Local Industries		250