

Academics

1. Subjects Taught:

- **Cell Biology and Genetics**
- **Structural Biology**
- **Molecular biology**
- **Bioinformatics**
- **Animal and Plant cell culture and Tissue engineering**
- **Upstream process technology**
- **Agriculture Biotechnology**
- **Bioethics and Biosafety**
- **Forensic science**
- **Frontiers in Biotechnology**
- **Structure and functions of Biomolecules**
- **Molecular cell Biology and Genetic engineering**
- **Food Biotechnology**
- **Microbial biotechnology**
- **Cell Biology and Genetics Laboratory**
- **Biochemistry Laboratory**
- **Upstream process technology laboratory**
- **Downstream process technology laboratory**
- **Bioprocess technology laboratory**
- **Bioinformatics laboratory**

2. List of short term courses/ workshops or national level seminars organized

- MHRD sponsored GIAN programme on “Personalized cancer medicine” from 29th May to 12th June 2017
- Six day workshop on “Pedagogy of instructional design and delivery system’ in three batches (30th May 2016- 4th June 2016, 7th June 2016 to 12th June 2016 and 12th July 2016- 17th July 2016) for faculty of SJCE and other Technical institutions as a TEQIP- II initiative
- Organized Innovation lecture series for I year B.E. Students as a TEQIP- II initiative on 17th October 2015 and 2nd Nov 2015.
- Organized student counselling workshop for I year B.E. Students of all sections(A to M) as a TEQIP- II initiative from 13th Oct 2015to 19th Oct 2015 in association with JSS Medical college staff.
- Ten days workshop on “Skill Development in Plant tissue culture (SDPTC-15)” from 24th June 2015-3rd July 2015 as TEQIP II Initiative.

- One day workshop for women faculty “Guidance and counselling workshop for women faculty to improve the Performance of Girl students in Engineering programmes” held on 30th June 2014 at SJCE, Mysore as TEQIP II Initiative at CS/IS seminar hall, SJCE, Mysore.
- Research talk on “Breast Cancer – Its cause, detection and Therapy” Organized by the Department of Biotechnology, SJCE, Mysore as TEQIP II Initiative on 17th Feb 2014 at CS/IS seminar hall, SJCE, Mysore.
- One day seminar on “Recent Developments in Computer Aided Drug Design and Computational Biology” in association with Schrodinger GmbH India B.O, Bangalore, on 22nd May 2012.
- Regional Seminar on “Intellectual Property and Innovation management in Knowledge Era” On 30th March 2007 at S.J.C.E., Mysore.
- Regional Sensitization workshop on ‘How to protect and promote traditional products- Handicrafts, Natural, agricultural and Industrial Goods’ on 31st March 2007 at S.J.C.E., Mysore

3. R & D Projects Executed

European Society of Evolutionary Biology (ESEB) Outreach Program entitled “Origin of life and continuity of life”,2013-14

4. List of Ph.D students and projects

Sl. No	Title of the project	Title of the work	University
1	Ms. Aparna B	Screening and isolation of isoflavone genistein from plant sources and its inhibitory effect on human tumor cell lines	VTU, Belgaum
2	Ms. Sowmya N	Development of cell culture strategies for enhanced production of bioactives from citrus fruits	University of Mysore