



**SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY**

(Recognised by Govt. of Karnataka, Affiliated to VTU, Belagavi and Approved by AICTE, New Delhi)

Sira Road, Tumakuru - 572 106, Karnataka.



An ISO 9001:2015 Certified Institution

# **ANNUAL REPORT FOR THE ACADEMIC YEAR 2018-2019**

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- This Institution Was started in the year 2002 with the approval of the AICTE, New Delhi. Affiliated to Visvesvaraya Technological University Belagavi, Karnataka and presently offers undergraduate and postgraduate Programmes with annual intake of 360 and 110 respectively. We offer 6 Under-Graduate Programmes, 6 Post Graduate Programmes and 5 Ph.D. Research Programmes – covering 'Engineering and Technology', 'Biotechnology' and 'Management' streams.
- The Institution has been focused on the continual improvement in all the areas including infrastructure, academics, extra-curricular and co-curricular activities, placement and training.
- We are stepping forward in the path to impart goal-oriented and value-added education and also to create and sustain a community of learning that sticks to social, ethical, culture and economic uplift
- The placement cell enhanced the employability of the students to ensure maximum placement more than 101 students were successfully placed in various reputed organizations.

### **STUDENTS AWARDS AND ACHIEVEMENTS**

- Students are encouraged to participate in several inter college and intra college activities. More than 25 students from various departments enthusiastically participated in various seminars, conferences and symposia conducted by other colleges.
- The presentation of distinction awards to meritorious students is a continuous process of our institution and also prizes and certificates are issued for all the winners of cultural activities and sports.

### **STAFF ACHIEVEMENT**

- The college also set precedence by honoring teachers who have achieved 100% and more than 85% results with academic excellence award.

### STAFF PUBLICATION AND PARTICIPATION IN VARIOUS PROGRAMMES

- The faculty members are encouraged to participate in various national, international seminars, conferences, workshops and faculty development programs conducted by other colleges and industries.
- Faculty members were provided with financial support for attending conferences, workshops etc.,
- **03 Training programs have been conducted in departments for Non Teaching staff and More than 76 staff members have attended the program.**

### Papers published 2018-19

SL No.	Title of Paper	Name of the author	Department	Name of Journal
1	Determining the in-vitro cholesterol-reducing efficiency of lactobacillus and enterococcus strains isolated from human breast milk, feces of breast-fed infants and animal milk (goat, cow and buffalo)	Dr N Chardrashekar	Chemistry	International Journal of Pharmacy and Biological Sciences
2	In vitro screening of the probiotic potential of lactobacillus and enterococcus strains isolated from human breast milk, feces of breast-fed infants and animal milk (goat, cow and buffalo)	Dr N Chardrashekar	Chemistry	International Journal of Pharmacy and Biological Sciences
3	Synthesis of gold nanoparticles by the flower extracts of <i>tabebuia argentea</i> and their antioxidant activity	Dr N Chardrashekar	Chemistry	International Journal of Pharmacy and Biological Sciences
4	Green Synthesis and Characterization of Silver Nanoparticles using Cassia auriculata Leaves Extract and Its Efficacy as A Potential Antibacterial and Cytotoxic Effect	Dr N Chardrashekar	Chemistry	Advanced Materials Letters
5	Endophytic Fungus <i>Alternaria</i> spp Isolated from <i>Rauvolfia tetraphylla</i> root arbitrate synthesis of Gold nanoparticles and Evaluation of their Antibacterial, Antioxidant and Antimitotic activities	Dr N Chardrashekar	Chemistry	Advances in Natural Sciences: Nanoscience and Nanotechnology
6	<i>Ixora coccinea</i> extract-mediated green synthesis of silver nanoparticles: Photodegradative and antimicrobial studies	Dr N Chardrashekar	Chemistry	International Journal of Biosensors & Bioelectronics.
7	<i>Rauvolfia tetraphylla</i> (Devil Pepper)-Mediated green synthesis of Ag nanoparticles: Applications to	Dr N Chardrashekar	Chemistry	Journal of Cluster Science

	Anticancer, Antioxidant and Antimitotic			
8	Facile Green Chemistry Synthesis of Ag Nanoparticles Using Areca Catechu Extracts for the Antimicrobial Activity and Photocatalytic Degradation of Methylene Blue Dye.	Dr N Chardrashekar	Chemistry	Elsevier.
9	Enhanced photocatalysis, photoluminescence, and anti-bacterial activities of nanosize Ag: green synthesized via Rauvolfia tetraphylla (devil pepper).	Dr N Chardrashekar	Chemistry	SN Applied Sciences

### PROGRAMMES ORGANISED

- We constantly encourage the staff and students to organize various programs in our campus for the benefits of staff and students. We have organized more number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship
- The following are the programs organized this year
  - Expert Lecture on Recent Trends in IOT
  - Expert Lecture on Optimization in Management
  - Two day's workshop on Analog design
  - Technical Symposium and Quiz contest
  - One day workshop on Big data and Data Analytics
  - Three Day workshop on Embedded Systems and IOT
  - Two Day workshop on Machine learning and its Applications
  - Expert Lecture on Digitalization in Marketing with Special Reference to Real Estate Industry
  - Expert Lecture on How to Participate in Trading and Investing in Stock Market.
  - Expert Lecture on Emerging Retail Formats and Strategies in Indian Retail Industries
  - Expert Lecture on MBA Career Edge
  - Expert Lecture on Career opportunity in BFSI Industry
  - **Workshop on Computer Literacy for Non Teaching Staff**
  - **Workshop on Health and Safety for Non Teaching Staff**
  - **Workshop on Communication Skill for Non Teaching Staff**

- The NSS unit of our institution has organized women's day, blood donation camp, vaccination camp, international yoga day, tree plantation camp.
- Various skill development activities conducted for our students including soft skills from the placement Team.

### MOUs SIGNED

- The college has successfully signed various MOUs with universities, leading industries and R&D organizations have been signed this year to align engineering student's competencies with industry needs and they are
  - East Point
  - Master i2R

### SPORTS ACTIVITIES

- Our students from all the departments enthusiastically participated in the inter departments sports and cultural events of "Shriutsav" and won prizes in various events.

*C. Nagaraj*

IQAC Coordinator

**IQAC Co-ordinator**  
SIET, TUMKUR

*Shree*

Principal

**PRINCIPAL**  
**SHRIDEVI INSTITUTE OF**  
**ENGINEERING AND TECHNOLOGY**  
**TUMKUR - 572106.**