



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.



ANNUAL REPORT FOR THE ACADEMIC YEAR 2017-2018

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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
- VTU has Sanctioned Financial Assistance of RS 70,000 to the selected projects of UG students of your Institution.
- The placement cell enhanced the employability of the students to ensure maximum placements 119 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 30 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.,

- **01 faculty development program has been conducted in departments for Teaching and 01 Training Program for Non teaching staff. More than 75 faculty members and 25 Non Teaching Staff Members have attended the program.**

Papers published 2017-18

SL No.	Title of Paper	Name of the author	Department	Name of Journal
1	Yellow colored blooms of <i>Argemone mexicana</i> and <i>Turnera ulmifolia</i> mediated synthesis of silver nanoparticles and study of their antibacterial and anti oxidant activity	Dr N Chardrashekar	Chemistry	Applied nano science
2	Production, Characterization and Evaluation of thrombolytic activity of Staphylokinase of <i>Staphylococcus Hominis</i> .	Dr N Chardrashekar	Chemistry	Current Trends in Biotechnology and Pharmacy
3	Biological synthesis of silver nanoparticles using <i>Callistemon viminalis</i> (Bottle brush) blooms concentrate and study of their antibacterial activity	Dr N Chardrashekar	Chemistry	International Journal of Multidisciplinary Research Review.
4	Synthesis of silver nanoparticles by bioreduction method using leaves extracts of <i>Tecoma capensis</i> and study of their antibacterial properties.	Dr N Chardrashekar	Chemistry	International Journal of Innovative Research in Science, Engineering and Technology.
5	Screening and characterization of Micro organisms for the bio production of electricity from rice straw using microbial fuel cell.	Dr N Chardrashekar	Chemistry	International Journal of Innovative Research in Science, Engineering and Technology.
6	Evaluation of Antibacterial Assay and Characterization of Silver Nanoparticles produced by green Synthesis method using <i>Hylocereus undatus</i> Fruit Extract.	Dr N Chardrashekar	Chemistry	International Journal of Multidisciplinary Research Review
7	<i>In vitro</i> antibacterial and antioxidant activities of betel leaf mediated synthesized silver nanoparticles	Dr N Chardrashekar	Chemistry	International Journal of Pharmacy and Biological Sciences
8	Green alloy of silver nanoparticles from endophytic extracts of <i>withania somnifera</i> and studies of antibacterial and antimitotic activity	Dr N Chardrashekar	Chemistry	Asian Journal of Pharmaceutical and Clinical Research
9	Green synthesis of silver nanoparticles from Endophytic fungus <i>Aspergillus niger</i> isolated from <i>Simarouba glauca</i> leaf and its Antibacterial and Antioxidant activity	Dr N Chardrashekar	Chemistry	International Journal of Engineering Research and Applications
10	<i>In vitro</i> and <i>in silico</i> antioxidant, anti inflammatory and antibacterial activity of methanol leaf extract of <i>Randia spinosa</i>	Dr N Chardrashekar	Chemistry	European Journal of Biomedical and Pharmaceutical Sciences

11	Characterization and green synthesis of silver nanoparticles from <i>plumeria</i> leaves extracts study of their antibacterial activity	Dr N Chardrashekar	Chemistry	IOSR Journal of Applied Chemistry (IOSR-JAC).
12	Effect of <i>Citrus medica</i> L fruit peel extract on Genotoxicity induced by cyclophosphamide in Mice bone marrow cells.	Dr N Chardrashekar	Chemistry	International Journal of Microbiological Research
13	Antibacterial Activity of Synthesized Silver Nanoparticles by <i>Simarouba glauca</i> against pathogenic bacteria	Dr N Chardrashekar	Chemistry	International Journal of Current Pharmaceutical Research
14	Biosynthesis of silver nanoparticles using leaves extract of <i>Acalypha hispida</i> Burm.f and study of their antibacterial activity	Dr N Chardrashekar	Chemistry	International Research Journal of Natural & Applied Sciences
15	Corrosion characterization of ZA-27 / Red Mud Metal Matrix Composites in Sodium Chloride Solutions	Dr N Chardrashekar	Chemistry	International Journal of Scientific & Technology Research
16	One-step green synthesis of silver nanoparticles using flower extract of <i>Tabebuia argentea</i> Bur. & K. Sch. and their antibacterial activity	Dr N Chardrashekar	Chemistry	Research Journal of Pharmaceutical, Biological and Chemical Sciences
17	Eco - friendly Approach for the Green synthesis of Silver Nanoparticles using flower extracts of <i>Sphagneticola trilobata</i> and Study of Antibacterial activity	Dr N Chardrashekar	Chemistry	International Journal of Pharmacy and Biological Sciences
18	Production and Partial Purification of Staphylokinase from <i>Staphylococcus hominis</i> .	Dr N Chardrashekar	Chemistry	Research Journal of Pharmaceutical, Biological and Chemical Sciences
19	Silver nanoparticles: Synthesized by leaves extract of Avocado and their antibacterial activity	Dr N Chardrashekar	Chemistry	International Journal of Engineering Development and Research

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
 - Six day workshop on Mobile Application Development using Android
 - Expert Lecture on Know your Entrepreneur
 - Expert Lecture on Digital Marketing

- Expert Lecture on Stock Market
 - Expert Lecture on Market Development Module in Modern Retail
 - Workshop Conducted under IEEE
 - Expert Lecture on Geo-Informatics for Prudent Management of Natural Resources.
 - **06 days Faculty Training Programs on Application of Mathematics in Engineering.**
 - **A day workshop on Time Management was conducted for Non-Teaching staff members.**
- 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
- Infosys Campus connect Bangalore conducted training on Training program on Foundation 5.0.

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. Nagana
IQAC Coordinator
IQAC Co-ordinator
SIET, TUMKUR

AB Phor Key
Principal
PRINCIPAL
SHRIDEVI INSTITUTE OF
ENGINEERING AND TECHNOLOGY
TUMKUR - 572106