



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 2019-2020

ANNUAL REPORT FOR THE ACADEMIC YEAR 2019-2020

- ☐ 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 60,000 to the selected projects of UG students of your Institution.
- ☐ The placement cell enhanced the employability of the students to ensure maximum placements. Totally 49 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 15 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.,

- A faculty development program has been conducted in department for Teaching and 02 Training Programs for Non teaching staff. More than 69 faculty members and 45 Non Teaching Staff Members have attended the program.

Papers published 2019-20

SL No.	Title of Paper	Name of the author	Department	Name of Journal
1	Biogenically synthesized silver nanoparticles using endophyte fungal extract of <i>Ocimum tenuiflorum</i> and evaluation of biomedical properties.	Dr N Chardrashekar	Chemistry	Journal of cluster science
2	Biomedical applications of <i>Durio zibethinus</i> extract mediated gold nanoparticles as antimicrobial, antioxidant and anticogulant activity.	Dr N Chardrashekar	Chemistry	International Journal of Biosensors & Bioelectronics
3	Novel Gomutra (cow urine) mediated synthesis of silver oxide nanoparticles and their enhanced photocatalytic, photoluminescence and antibacterial studies	Dr N Chardrashekar	Chemistry	Journal of Science: Advanced Materials and Devices
4	Plant-mediated green synthesis of Ag nanoparticles using <i>Rauvolfia tetraphylla</i> (L.) flower extracts. Characterization, Biological activities and screening of their catalytic activity in formylation reaction	Dr N Chardrashekar	Chemistry	International Journal of science and technology- Scientia Iranica- Transactions on Nanotechnology
5	Facile combustion synthesis of Ag ₂ O nanoparticles using cantaloupe seeds and their multidisciplinary applications.	Dr N Chardrashekar	Chemistry	Applied Organometallic Chemistry WILEY(Elsevier) 18
6	Hydrothermal Synthesis of Gold Nanoparticles using Spider Cobweb as Novel Biomaterial: Applications to Photocatalytic. Chemical Physics	Dr N Chardrashekar	Chemistry	Chemical Physics Letters
7	A Novel, Green, Rapid, Nonchemical route Hydrothermal assisted Biosynthesis of Ag ₂ O nanomaterial by Blushwood berry extract and evaluation of its diverse applications.	Dr N Chardrashekar	Chemistry	Applied Nanoscience
8	"Soft computing based duplicate text identification in online community websites,"	Basavesha .D	Computer science & Engineering	," International Journal of Engineering Trends and Technology

PROGRAMMES ORGANIZED

- 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 Restaurant Business Management
 - Expert Lecture on Impact of Covid on Tourism Industry
 - Expert Lecture on Employability Skills
 - Expert Lecture on Data Analytics in Marketing
 - Expert Lecture on Time Management
 - Expert Lecture on IOT and Cloud Platforms
 - Expert Lecture on Cloud and Devops
 - Expert Lecture on Industry 4.0
 - One day workshop on IOT
 - One day Workshop on Consumer Outreach Programme
 - Expert Lecture on Network Security Attacks and Prevention techniques
 - Expert Lecture on Embedded System design using ARM cortex
 - Expert Lecture on Job Opportunities Post Completion of MBA
 - Expert Lecture on Sectoral Contribution to Indian Economy
 - Expert Lecture on Career in Banking for Young Minds
 - Expert Lecture on Work, Jobs , Career and Family Post Covid-19
 - Expert Lecture on Challenges in Modern Business
 - Expert Lecture on Green Marketing
 - **06 days Faculty Training Program on “Machine Learning for Engineering” Organized by Department of CSE.**
 - **One day Workshop on Health and Safety was conducted for non teaching staff.**
 - **One day Workshop on Computer Literacy was conducted 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
 - Dr. Ambedkar Institute of Technology-2020
 - University college of science. Tumakuru
 - System consultant info

C. Nagany
IQAC Coordinator

IQAC Co-ordinator
SIET, TUMKUR

Nimish Kumar

Principal

PRINCIPAL
SHRIDEVI INSTITUTE OF
ENGINEERING AND TECHNOLOGY
TUMKUR - 572106