



Sri Shridevi Charitable Trust (R.)

SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY

Sira Road, Tumkur - 572 106, Karnataka, India.

Phone: 0816 - 2212629 | Principal: 0816 - 2212627, 9686114899 | Telefax: 0816 - 2212628

Email: info@shrideviengineering.org, principal@shrideviengineering.org | Website: www.shrideviengineering.org

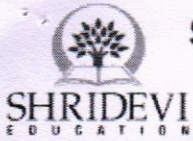
(Approved by AICTE, New Delhi, Recognised by Govt. of Karnataka and Affiliated to Visvesvaraya Technological University, Belagavi)

ESTD: 2002



ANNUAL REPORT FOR THE ACADEMIC YEAR

2021-2022



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ANNUAL REPORT FOR THE ACADEMIC YEAR 2021-2022

- 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 84 respectively. We offer 6 Under-Graduate Programmes, 4 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 50,000 to the selected projects of UG students of your Institution.
- The placement cell enhanced the employability of the students to ensure maximum placements. Totally 83 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 40 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 PUBLICATIONS 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.,
- **Faculty development program has been conducted in departments for Teaching and 02 Training Program for Non teaching staff. More than 84 faculty members and 47 Non Teaching Staff Members have attended the program.**

Papers published 2021-22

SL No.	Title of Paper	Name of the author	Department	Name of Journal
1	Online Fraud Detection using Deep Learning Techniques	Suthan R,	Computer science & Engineering	International Journal of Advanced Scientific Innovation
2	Secure Digital Certificate using Blockchain Technology	Suthan R	Computer science & Engineering	LINO JOURNAL,
3	Stock price prediction with LSTM based Deep learning techniques	Kiran G M	Computer science & Engineering	International journal of advanced scientific innovation
4	Predicting Thyroid disease using Machine learning methods	Chethan M S	Computer science & Engineering	International Journal of Advanced Scientific Innovation
5	Optimal routing and scheduling for cognitive radio sensor network using ensemble multi probabilistic optimization and truncated energy flow classification model.	Charan K V	Artificial Intelligence and data Science	International Journal of engineering trends and technology
6	Covid-19 Sentiment Analysis using Bidirectional Encoder Representations from Transformers	Basavesha D,	Computer science & Engineering	International Journal of Advanced Scientific Innovation

7	A Decoder for Sign Boards of Indian Languages to English using Tesseract and seq2seq Model	Basavesha D,	Computer science & Engineering	Advancement in Image Processing and Pattern Recognition
8	An Automatic Helmet Detection System using Convolution Neural Network	Basavesha D,	Computer science & Engineering	International Journal of Advanced Scientific Innovation
9	Ontology based data access control model supported with grid computing for improving security in health care data	G M kiran,	Computer science & Engineering	Transactions on Emerging Telecommunications Technologies
10	Recommendation-Based Interactivity Through ThroughPlatform in Big Data.	Suhas G K	Information Science and Engineering	LAMBERT
11	Framework for Food recognition and predicting its Nutritional value through Convolution neural network	Suhas G K	Information Science and Engineering	Elsevier
12	A spark grid:Blockchain assisted secure query scheduling and dynamic risk assessment for live migration of services in apache spark based grid environment	G M kiran	Computer science & Engineering	Asia Pac J Sci T
13	A Study on Inventory Management in Manufacturing Company	Mr. Prathap B N	MBA	International Research Journal of Modernization in Engineering Technology and Science (IRJMETS)
14	A Study on Employee Performance Management System at Powerica Limited	Mrs. Grace Hemalatha	MBA	International Journal of Creative Research Thoughts(IJCRT),
15	Comparative Financial Statement Analysis at Hindustan Aeronautics Limited	Mr. Prathap B N	MBA	International Research Journal of Modernization in Engineering Technology and Science (IRJMETS)
16	Analysis of Floating Columns in Multi-Storey Building Using SAP2000vs20	Manogna H. N	Civil Engineering	GRADIVA REVIEW JOURNAL
17	Analysis of Soft Storey Buildings Using SAP 2000vs20	Dr. C Nagaraja	Civil Engineering	GRADIVA REVIEW JOURNAL

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
 - Technical Talk on BlockChain Technology
 - Technical talk on Next Generation wireless technology
 - Two day's workshop on Python Programme
 - Two day's workshop on Machine Learning and WEKA tool
 - Online workshop on NPTEL Local Chapter Awareness Programme
 - Expert Lecture on Project ideation for livelihood
 - Lecture on Sustainable Materials in Concrete and Construction of High Rise Buildings using Precast Technology
 - Expert Lecture on 360 degree bird view on Waste Water Treatment
 - Two days workshop on R-Programming
 - Expert Lecture on Career Orientation
 - Three days workshop on building Communication skills and Self – Confidence
 - Expert talk on “Synergy – Healthcare and Management Institutes’ synchronization is crucial.
 - Expert talk on “Communication and self-Grooming skills”
 - A Faculty Development Program on “The Role National Education Policy (NEP) in Higher Education” was conducted.
 - A Time Management Workshop was conducted for non-teaching staff members.
 - One Day Workshop conducted on “Corresponding skills” for SIET 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
- Capgemini -TNS India Foundation (TNSIF), Mumbai 400013
 - CAD DESK, Tumkur
 - Vimana Labs, Tamil Nadu 613403
 - DGM software Private Limited, Bangalore 560027
 - LGS Trust, Bangalore
 - Silicon Microsystems Bangalore
 - TEKNA -KON Chartered Engineers, Architects and Valuers Tumkur 572102
 - ISETi LAB Incubation Foundation Tumkur-572106
 - Decibel
 - Pantech E Learning, Chennai-600017

SPORTS ACTIVITIES

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

C. Nagaraj

IQAC Coordinator

IQAC Co-ordinator
SIET, TUMKUR

M. S. Ramappa

Principal

PRINCIPAL

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