



SHRIDEVI

CENTRE FOR SKILL DEVELOPMENT





SHRITEK INNOVATIONS



MORE INFORMATION

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shritekinnovations@gmail.com

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www.shritek.com



Sri Shridevi Charitable Trust(R)

Shridevi **Institute of Engineering & Technology**

The Management, Principal, HODs, Staff and Students

Cordially Invite you for the

Inauguration

of

**Skill & Career Development Cell
(SCDC)**

&

**ShriTEK Innovations
(A StartUp of SIET)**

Chief Guest

Sri. B. T. Rangaswamy

Managing Director & Chief Executive Officer,
Smart City,Tumakuru.

Presided by

Dr. M. R. Hulinayakar

Chairman & Managing Trustee,
Sri Shridevi Charitable Trust (R),Tumakuru.

Guests of Honor

Dr. Raman M. Hulinayakar

Medical Director, SIMS&PH,Tumakuru.

Sri. M. S. Patil

Director - HR & IT
Sri Shridevi Charitable Trust (R),Tumakuru.

Smt. Ambika M. Hulinayakar

Trustee, Sri Shridevi Charitable Trust (R),Tumakuru.

Date: Monday July 18, 2022
Time: 11:00AM

Venue: Skill & Career Development
Centre, Ground Floor

Prof. Girish L

Incharge,
Skill & Career Development Cell

Dr. Narendra Viswanath

Principal, SIET, Tumakuru
Academic Senate Member, VTU Belagavi.

www.shrideviengineering.org



SHRITEK INNOVATIONS

ShriTEK Innovations, a pioneering startup under Shridevi Education & Institution, is dedicated to advancing educational technologies and solutions. Our primary focus areas include developing innovative web development projects, robust learning management systems (LMS), and state-of-the-art library automation systems. We also implement comprehensive enterprise resource planning (ERP) solutions to optimize institutional management and conduct hands-on workshops and internships for practical skills and industry exposure. Specializing in Moodle handling, we ensure effective learning management and create dynamic photo gallery applications to showcase events and achievements. Additionally, we innovate medical applications to support healthcare education and practice, driving the future of learning and institutional management through cutting-edge technology.



SHRITEK INNOVATIONS

- Internship Training – 23
- Inhouse Technical Training & Placement
- Cloud Lab Inauguraton
- Student Club Inauguraton
- AI MIND / DEVOID
- Inauguraton of center of excellence

TECHNICAL TRAINING - 23

Who We Are ?

SHRITEK Innovations presents "Technical Training - 23," a specialized program aimed at enhancing technical skills through hands-on learning and industry-relevant expertise. Tailored for aspiring professionals, this training focuses on cutting-edge technologies and practical knowledge to prepare participants for success in a competitive global landscape.

Why Choose Us

Innovative Learning Opportunities

Our workshops and programs, like the coding platform and mobile forensic workshop, provide hands-on experience with cutting-edge tools and technologies.

Industry-Relevant Training

Through initiatives such as the Intern program with ShriTEK Innovations, we offer students real-world exposure and skills essential for thriving in today's tech industry.

Student-Led Initiatives

Empowering students to lead and organize events, we foster leadership, collaboration, and innovation in a supportive learning environment.

Our Services

ICoding Platform

- Hosted by SIET-AI Minds and SIET-Devoids.
- Students led and managed the sessions.
- Hands-on experience with online coding tools.
- Engaging and informative coding insights.

Mobile Forensic Work Shop

- Manages files, directories, and folders for data access.
- Temporary, volatile storage for active data and instructions.
- Tracks clusters used and available on the disk.
- Data remnants in slack or unallocated space that may be recoverable.

Intern Program for III Sem Students

- Tailored for third-semester students to gain practical experience.
- Offers exposure to real-world challenges in tech fields.
- Activities designed to improve practical skills and knowledge.
- Bridges academia and industry, preparing students for careers.

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OUR SERVICES

- Data Analytics Using Python
- Full Stack Development Using Python and Java
- Machine Learning Using Python
- Internet of Things
- Data Analytics Using Machine Learning
- Machine & Deep Learning Using Python
- Competitive Coding Using C
- Python With Advanced DS & Algorithm

students get trained

Empowered with Advanced Skills in Python, AI, and Data Analytics



- Mastered Python for full-stack development and advanced data structures.
- Built real-world applications using both Java and Python frameworks.
- Excelled in competitive coding with C and algorithmic problem-solving skills.
- Applied data analytics using Python for insightful data-driven decision-making.
- Utilized machine learning algorithms for predictive modeling and trend analysis
- Gained hands-on experience in IoT, collecting and analyzing real-time data.
- Created intelligent applications with hybrid machine and deep learning techniques.
- Achieved advanced data analytics knowledge through the application of machine learning.
- Developed expertise in machine learning and deep learning with a focus on AI systems.

TECHNICAL TRAINING - 24

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Data Analytics Using Python

- Techniques for preparing and organizing raw data.
- Methods to uncover patterns and insights from data.
- Use of libraries like Matplotlib and Seaborn for data representation.
- Applying statistical methods to interpret data results.

Full Stack Development

- Skills in HTML, CSS, and JavaScript for creating user interfaces.
- Knowledge of server-side languages like Python or Node.js.
- Working with databases like MySQL or MongoDB.
- Techniques for deploying and maintaining web applications.

Machine Learning Using Python

- Building models for classification and regression tasks.
- Techniques for clustering and dimensionality reduction.
- Methods to assess the performance of machine learning models.
- Utilizing Scikit-Learn, TensorFlow, and Keras for model development.

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TECHNICAL TRAINING - 24

PROJECT EXHIBITION - 24

"Project Exhibition - 24" is a premier program designed for 2nd, 4th, and 6th-semester students. This specialized training enhances technical skills through practical, hands-on learning and industry-relevant knowledge. Equip yourself with the latest technologies and expertise to excel in a competitive global market with SHRI TEK Innovations.

Why Project Exhibition



Showcase Innovation

Present your unique projects and creative solutions to peers and faculty. Highlight your technical skills and innovative thinking through hands-on work.



Gain Practical Experience

Apply classroom theories to real-world challenges and develop practical problem-solving skills. Bridge the gap between academic learning and industry practices.



Network with Industry Professionals

Engage with experts and potential employers to explore career opportunities. Build connections that could benefit your future professional growth.

2ND SEM



4TH SEM



6TH SEM



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FIRST YEAR

The 1st year students gain a strong foundation in programming with a focus on Python and C. Courses like Data Analytics Using Python introduce them to data manipulation and visualization, while Competitive Coding with C sharpens their problem-solving abilities. The Advanced Data Structures & Algorithms course further strengthens their programming logic and algorithmic thinking skills, setting a solid groundwork for future studies.



Courses and Learning Outcomes

Hands-On Learning in Emerging Technologies



Learn Python fundamentals, data handling with libraries (e.g., Pandas, NumPy), and basic data visualization techniques.

Ideathon & Hackathon



Understand core C programming, solve basic algorithmic challenges, and develop logical problem-solving skills.

Mastering Future-Ready Domains



Study core data structures (e.g., stacks, queues, linked lists) and algorithmic strategies, focusing on efficient coding practices.



SECOND YEAR

The 2nd year takes students deeper into full-stack development and machine learning concepts, equipping them to handle more complex programming tasks. They learn to build complete applications with Python and Java while gaining practical experience in implementing machine learning models. Through data analytics and machine learning techniques, students develop the ability to analyze large datasets, extract insights, and apply intelligent solutions to data-driven problems.

Courses and Learning Outcomes

Data Analytics Using Python

Learn back-end and front-end development, working with databases, APIs, and frameworks (e.g., Flask, Django) to build full-stack applications.

Competitive Coding Using C

Cover essential machine learning algorithms (e.g., regression, classification), apply model evaluation techniques, and start using libraries like Scikit-Learn and TensorFlow.

Python with Advanced Data Structures & Algorithms

Understand how to implement ML algorithms to analyze and interpret data, focusing on supervised and unsupervised learning techniques.



THIRD YEAR

In the 3rd year students delve into specialized technologies, focusing on real-world applications in areas like machine learning, IoT, and deep learning. Courses such as Machine & Deep Learning Using Python equip them with skills in neural networks and AI applications, while IoT projects introduce them to connected devices and smart systems. This semester prepares them to tackle industry-level challenges using advanced tools, making them ready for technology-driven problem-solving in diverse domains.

Courses and Learning Outcomes

Machine & Deep Learning Using Python



Explore deep learning fundamentals, including neural networks, CNNs, and RNNs, applying TensorFlow/Keras for complex tasks.

Internet of Things (IoT)



Understand IoT architecture, data communication, and apply Python for IoT projects involving sensors, actuators, and IoT platforms.

Python with Advanced DS & Algorithms

Apply data structures and advanced algorithms to competitive coding, optimization challenges, and real-time applications in big data and cloud.





Internet of things

Foundations of IoT and Smart Connectivity

Students gained an understanding of the basic concepts of the Internet of Things (IoT), learning how smart devices connect and communicate to create seamless and interconnected systems.

Hands-On Experience with IoT Devices

Students gained an understanding of the basic concepts of the Internet of Things (IoT), learning how smart devices connect and communicate to create seamless and interconnected systems.

Data Collection, Processing, and Cloud Integration

The session covered methods of data collection and processing, introducing students to cloud storage solutions and demonstrating how IoT devices send and analyze data in real time.

Security & Privacy in IoT

Students learned about the crucial aspects of IoT security, including data privacy, encryption, and secure data transmission, preparing them to address challenges in secure IoT deployment.



WEBSITES



We build innovative and attractive websites



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PRODUCTS

INNOVATIVE SOLUTIONS FOR A SMARTER TOMORROW



LIBRARY AUTOMATION SYSTEM

Streamlines library operations by automating cataloging, borrowing, and returns processes.



LEARNING MANAGEMENT SYSTEM

Facilitates online education with tools for course management, assignments, and student tracking.



SHRIDEVI PHOTO GALLERY

Showcases and organizes images from Shridevi events and activities in a user-friendly interface.



SHRIDEVI SUPPORT SYSTEM

Provides a centralized platform for managing and resolving support requests and inquiries.



TECHWAVE – 24

MARCH 11 TO MARCH 26

Techwave, celebrated on March 11, 2024, marked the beginning of a wonderful event. ShriEK Innovations launched this ten-day program to enrich the technical and research-oriented minds of final-year Bachelor of Computer Applications students. Running from March 11 to March 26, 2024, Techwave aimed to inspire and empower students with cutting-edge knowledge and hands-on experience in technology and innovation.

Why Techwave



Master Data Science and AI Skills

Gain hands-on experience in Data Science, AI, and Machine Learning. Learn to solve real-world problems using cutting-edge tools like NumPy, Pandas, and Python.



Advance with Cloud Computing & DevOps

Explore the essential skills of Cloud Computing and DevOps through practical workshops. Strengthen your programming knowledge with C and Python for industry applications.



Aptitude & Soft Skills for Placement

Engage with experts and potential employers to explore career opportunities. Build connections that could benefit your future professional growth.



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HACKATHON- 24

OCTOBER 29-10-24 TO 30-10-24

WHAT IS HACKATHON ?

Industries today face the challenge of responding quickly to evolving customer needs, pushing companies to meet tight timelines for product development. To test efficiency, many companies use hackathons, where participants design products under pressure, typically within 24 to 48 hours. Shridevi Institute of Engineering and Technology hosted a 24-hour National Level Hackathon on October 29-30, 2024, with themes in Agriculture, Environment, and Health Care. A total of 183 teams participated, developing functional applications, with top performers receiving cash prizes. The event was judged by 12 experts, and 23 teams were awarded certificates for their creativity.

Rise of Hackathons in Industry and Education

- Hackathons provide students with an opportunity to design innovative solutions under tight deadlines.
- Companies often recruit top performers, recognizing their creativity and problem-solving abilities.

Institute's National Level Hackathon

- The 24-hour event, held on October 29-30, 2024, focused on Agriculture, Environment, and Health Care.
- 183 teams competed to develop functional applications, with expert judges evaluating their performance.

Recognition and Awards for Outstanding Teams

- The top three teams received cash prizes of Rs. 50,000, Rs. 30,000, and Rs. 20,000.
- 23 final-round teams were awarded certificates of appreciation for their creativity and efforts.

FIRST PRIZE



SECOND PRIZE



THIRD PRIZE





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SKILL DEVELOPMENT
AND ENTREPRENEURSHIP



N-S-D-C
National
Skill Development
Corporation
Transforming lives and livelihoods



Ministry of Skill Development
and Entrepreneurship



PMKVY