



# Skill Lab Training

Organized by

**Skill and Career Development Cell**

in association with

**ShriTEK Innovations**

**Academic Year 2023-24**

**3<sup>rd</sup> Year Students**



**Shridevi Institute of Engineering and  
Technology, Tumakuru**

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## SIXTH SEM PROJECT EXHIBITION – 2024



The Skill Training for second-semester students of all the branches was organized in two schedules as follows:

24/06/2024 to 29/06/2024

18/06/2024 to 28/06/2024

24/06/2024 to 29/06/2024

29/04/2024 to 04/05/2024

9/04/2024 to 04/05/2024

The Experienced resource person was called from various industries. The session was planned to be conducted completely on hands-on practical practical-oriented.

A Team of two mentors is identified and deputed for the training. Each mentors are assigned to project batches and mentors help the students in building the project. Also, three instructors are deputed to help the students in the hands-on session, so that students will not face difficulty.

After the training, all the batches of students were called for the project exhibition, and for each section,a cash prize was given for the first and second place.

The Resource persons were well experienced and they were given the tasks as Assignment on a daily basis.

The feedback on the trainers was collected and a summary of the feedback is reported.

Overall students felt happy about the training program and Thanks to management for providing the

state of the infrastructure and conducting this skill training.

### **Third Year 6th Semester Skill Training Details:**

**Branch:** CSE - A

**No. of Students:** 47

**Trainer:** Mr. Rajesh Kanan & Mrs. Jwalitha K

**Training Title:** Machine Learning Using Python

**Date:** 24/06/2024 to 29/06/2024

**Brief Explanation:** As part of our commitment to fostering practical skills and hands-on learning, we recently conducted a project exhibition on 'Machine Learning Using Python' for the second-semester students of Shridevi Institute of Engineering and Technology. This event showcased the innovative projects developed by our trained students, highlighting their understanding and application of machine learning concepts using Python.

**Branch:** CSE - B

**No. of Students:** 48

**Trainer:** Mr. Rajesh Kanan & Mrs. Jwalitha K

**Training Title:** Machine Learning Using Python

**Date:** 24/06/2024 to 29/06/2024

**Brief Explanation:** As part of our commitment to fostering practical skills and hands-on learning, we recently conducted a project exhibition on 'Machine Learning Using Python' for the second-semester students of Shridevi Institute of Engineering and Technology. This event showcased the innovative projects developed by our trained students, highlighting their understanding and application of machine learning concepts using Python.

**Branch:** ISE

**Training Title:** Django and Machine Learning Integration.

**No. of Students:** 39

**Trainer:** Mrs. Megha B S

**Date:** 18/06/2024 to 28/06/2024

**Brief Explanation:** As part of our commitment to fostering practical skills and hands-on learning, we recently conducted a project exhibition on 'Django and Machine Learning Integration' for the second-semester students of Shridevi Institute of Engineering and Technology. This event showcased the innovative projects developed by our trained students, highlighting their understanding and application of integrating Django with machine learning.

**Branch:** AI&DS

**Training Title:**Python for Data Science

**No. of Students:** 41

**Trainer:** Mr. Loganathan Rangaswamy

**Date:** 24/06/2024 to 29/06/2024

**Brief Explanation:** As part of our commitment to fostering practical skills and hands-on learning, we recently conducted a project exhibition on 'Python for Data Science' for the second-semester students of Shridevi Institute of Engineering and Technology. This event showcased the innovative projects developed by our trained students, highlighting their understanding and application of Python in the field of data science.

**Branch:** EE

**Training Title:**Internet of Things

**No. of Students:** 6

**Trainer:** Mr. Rajesh Kanan

**Date:** 29/04/2024 to 04/05/2024

**Brief Explanation:** As part of our commitment to fostering practical skills and hands-on learning, we recently conducted a project exhibition on 'IoT' for the second-semester students of Shridevi Institute of Engineering and Technology. This event showcased the innovative projects developed by our trained students, highlighting their understanding and application of Internet of Things (IoT) concepts and technologies.

**Branch:** EC

**Training Title:**Internet of Things

**No. of Students:** 42

**Trainer:** Mr. Rajesh Kanan

**Date:** 29/04/2024 to 04/05/2024

**Brief Explanation:** As part of our commitment to fostering practical skills and hands-on learning, we recently conducted a project exhibition on 'IoT' for the second-semester students of Shridevi Institute of Engineering and Technology. This event showcased the innovative projects developed by our trained students, highlighting their understanding and application of Internet of Things (IoT) concepts and technologies.

AI&DS		
TEAMS	STUDENT NAME	PROJECT TITLE
TEAM 1	Vyshnavi P	Thyroid disease prediction using machine learning
	Heena Kousar	
	Bharath Kumar P	
	Pradeep N	
TEAM 2	Syeda urooj fathima	Smart personal finance assistant
	Noor -ul-huda	
	Suhas T.K	
	Darshan G.K	
TEAM 3	Niranjana .K .V	Stock price prediction
	YuvaPrasad	
	Srinivasulu .V	
	Ullas P M	
TEAM 4	Rajnish prasad	ED-tech platform
	Noumar usmani	
	HR Sudeep kumar	
TEAM 5	Fathima muskan	Plant disease prediction using deep learning
	Shrinidhi S H	
	Muthahireen	
TEAM 6	Meghana .CN	Colour detection
	Rekha.H	
	Chandana .K	
	Arunkumar .GT	
TEAM 7	Swamy H R	Real-time cloud solution monitoring
	Lokesh Murthy	
	Ramyashree .M	
TEAM 8	Vinay kumar	

	Mohammad Ameentz	Heart stroke prediction model using ml
	Shifa kouser	
TEAM 9	Prasanth G.M	Sentiment Analysis of text using machine learning
	Syed Zohara	
	Goutham K.M	
TEAM 10	Vidyashree .A	Credit card fraud detection using ml
	Bhavana	
	Lalitha T.M	
	Faiz ahmed	
TEAM 11	Muhannad khan	Car price prediction
	Darshan C N	
	Zeeshan pasha	

<b>'A' SECTION (CSE )</b>		
<b>TEAMS</b>	<b>STUDENT NAME</b>	<b>PROJECT TITLE</b>
TEAM 1	Bhavya . A	Smart career guidance system using machine learning
	Divya .DR	
	Likitha .TP	
	Bhoomika .Y	
TEAM 2	Manu .S	SUM Algorithm for determing accuracy of dataset
	Kiran.S	
	Hemashree	
	Karunakara	
	Bhavana M R	
TEAM 3	Abdul Mohsin .j khan	<ul style="list-style-type: none"> <li>• Code – generator Using machine learning</li> <li>• Alzhimers disease prediction using ml</li> </ul>
	Bhuvan G.R	
	Hemanth .H	
	Manikanta . M	
TEAM 4	DP Harshitha	Crime Analysis
	Divya .AC	
	Chaitra.P	

	Mamatha . H R	
TEAM 5	Binni kumari	An AI powered comprehensive Collaboration software
	Abhinav gowda	
	Kishore N	
	Henjesh .K O	
TEAM 6	Abrar	AIR CANVAS
	Bharath M H	
	Mayur k patil	
	Junaid pasha	
TEAM 7	Aastha pandey	hand gesture recognition virtual mouse
	Arshiya Naaz	
	Dependu kumbakar	
	Abhishek Ranjan	
TEAM 8	Laxmi sonnad	Online quiz application
	Aishwarya S	
	Nagapooja M	
	Chandana N.H	
TEAM 9	Bhavya .S	BMI app
	Nahida . K	
	Chaitra .V	
	Harshitha .B	BMI app
TEAM 10	Chandu .P	Fasial emotion detection
	Dhanush . K R	
	Darshan .K	
	Dheeraj S	
TEAM 11	Ananya . M J	Flower type detection
	Chandana . G	
	Chitra J.P	

<b>'B' SECTION (CSE)</b>		
<b>TEAMS</b>	<b>STUDENT NAME</b>	<b>PROJECT TITLE</b>
TEAM 1	Pradeep kumar H G	Attendance base on face recognition
	Nandan .L	
	Puneeth N	
	Umesh	
	Chandana T	
	Deepa S.M	
	Saranya B	



TEAM 2	Sujan T naik	Hospital management website
TEAM 3	Vishnu Thirta	Book store app
	Zaid fakruddin	
	Tasmiya banu	
	Soundarya K A	
TEAM 4	Sahil mubarak	Quiz to health
	Sowmyashri .S	
	Suma M.T	
	P.A Niveditha	
TEAM 5	Sanjay R Naik	AI hotel reccommendation
	Laxmi S	
	Yojith S	

ISE		
TEAMS	STUDENT NAME	PROJECT TITLE
TEAM 1	Abdul Hady	Hands action navigating with detectable speech optical navigation
	Abhijith B V	
	Krishnamurthy	
	Keerthana K S	
	Tejaswini M	

TEAM 2	Dakshith S	Health World
	Dhishanth Patel	
	Vishnu R	
	Yashas D R	
TEAM 3	Ranganath G N	Shridevi feedback Django project
	Shreevathsa M B	
	Sayed suhail	
TEAM 4	H M Prajwal kumar	Diabeted prediction using ml & resume builder using django
	Abhishek B A	
	Himawanth K	
	Manoja S S	
TEAM 5	Gagana S	College Management system using Django
	Navyashree K S	
	Pallavi D	
	Rakshitha L	
TEAM 6	Varshini megha	Dog breed management system
	Deepika B M	
	Daneshwari S N	
	Deeksha K	
	Varsha K V	

<b>ECE</b>		
TEAMS	STUDENT NAME	PROJECT TITLE
TEAM 1	Nethravathi S V	Creating think speak and rain drop sensor
	Vedha M	
	Poojashree V	
TEAM 2	Shashank .P	Pick and place robotic
	Shivaraj M .H	
	Jyothi N	
	Niveditha . N	
	Jamuna.S, C K Pushpalatha	
TEAM 2	R P Harshith patil	Creating MIT – App using ky-033 tracking sensor
	Sharath kumar C N	
	Syed ayaz	
	Shobharaj H L	
TEAM 3	Vaishnavi C T	Soil moisture sensor monitoring with mit app inventor
	Hamsawini T D	
	Niharik S	
TEAM 4	D Saicharan	Sound sensor with mit app inventor
	Lokesh Yadav D	
	Sangeetha reddy	
TEAM 5	Preethi.A	Pir sense using mqtt wifi connection project
	Bhavana M S	
	Meghana M.P	
TEAM 6	Keerthi K D	Touch sensor using mqtt wifi connection projects
	Kavya R M	
	Mamatha N	
TEAM 7	Usha R	MIT app using creation IR sensor
	Monik K R	
	Nandini T	
TEAM 8	Naveena K J	MIT app creation using fire sensor
	Abhishek H .K	
	Suprith K.N	
TEAM 9	Gagan kumar N	MIT app creation for LDR sensor
	Mohan K R	
	Mohammed saad siddiq	
TEAM 10	Nandan Kumar T	MIA app creation for ultrasonic sensor
	Ashwini R	

## **MACHINE LEARNING USING PYTHON**

In our ongoing efforts to enhance practical skills and hands-on learning, we recently organized a project exhibition on 'Machine Learning Using Python' for the second-semester students of Shridevi Institute of Engineering and Technology. This event provided a platform for our students to showcase their innovative projects, demonstrating their proficiency in applying Python for various machine learning tasks. The exhibition highlighted their ability to develop and implement machine learning models, offering insights into their understanding and application of data analytics techniques using Python.

## **DJANGO AND MACHINE LEARNING INTEGRATION**

As part of our dedication to providing practical experience and hands-on learning opportunities, we recently held a project exhibition on 'Django and Machine Learning Integration' for the second-semester students of Shridevi Institute of Engineering and Technology. This event highlighted the innovative projects created by our talented students, showcasing their expertise in integrating Django with machine learning techniques. The exhibition demonstrated their ability to apply Python frameworks and advanced algorithms in real-world scenarios, emphasizing their skills in building robust web applications powered by machine learning models.

## **PYTHON FOR DATA SCIENCE**

As part of our commitment to fostering practical skills and hands-on learning, we recently conducted a project exhibition on 'Data Analytics Using Python' for the second-semester students of Shridevi Institute of Engineering and Technology. This event showcased the innovative projects developed by our trained students, highlighting their understanding and application of Python in the field of data analytics.

## **INTERNET OF THINGS**

As part of our commitment to fostering practical skills and hands-on learning, we recently hosted a project exhibition on 'Internet of Things (IoT)' for the second-semester students of Shridevi Institute of Engineering and Technology. This event showcased the creative and innovative projects developed by our students, emphasizing their ability to design and implement IoT solutions. The exhibition highlighted their understanding of IoT concepts and their application in creating interconnected devices and smart systems, demonstrating their skills in integrating hardware and software for practical and impactful solutions.

## Exhibition Highlights:

The project exhibition provided an excellent platform for students to demonstrate their projects, which addressed real-world problems through data-driven solutions. Projects included predictive modeling,



data visualization dashboards, and machine learning applications, each reflecting the students' creativity and technical prowess.

**Predictive Healthcare Analytics:** Leveraged machine learning algorithms to forecast patient outcomes, enhancing healthcare services and improving diagnostic accuracy.

**Financial Market Analysis:** Utilized historical stock market data and advanced machine learning techniques to predict future market trends, providing valuable insights for investors.

**E-commerce Recommendation Systems:** Developed a machine learning-based recommendation system for online shoppers, enhancing user experience by offering personalized product suggestions and boosting sales.

**Sentiment Analysis on Social Media:** Created an application that uses machine learning to analyze social media posts, gauging public sentiment on various topics and brands, and providing actionable insights.



**Smart Healthcare Monitoring:** Designed an IoT system for real-time monitoring of patient health metrics, improving healthcare management by integrating sensors and data processing technologies.

## Project Winner Details:

### DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE:



The above students got **First Place** in Project Exhibition:

Their topic is **“ED-Tech Platform”**

1. Rajinish Prasad.
2. Rakshith BRK.
3. Nouman Usmani.
4. H R Sudeep Kumar.





**POCO**  
HARSHAVARDHAN P

The above students got **Second Place** in Project Exhibition:

Their topic is **“Thyroid Disease prediction using machine learning”**

1. Vyshnavi P.
2. Heena Kousar.
3. Bharath Kumar P.
4. Pradeep N.

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING(A-SECTION):



The above students got **First Place** in Project Exhibition:

Their topic is **“Air canvas Jarvis virtual Assistance”**

1. Abrar.
2. Bharath M H.
3. Mayur K Patil.
4. Junaid pasha.





The above students got **Second Place** in Project Exhibition:

Their topic is **“Nova Link an AI-powered compressive collaborative software”**

1. Bimmi Kummari.
2. Abhinav Gowda.
3. Kishor N.
4. Henjesh K O.

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING(B-SECTION):



The above students got **First Place** in Project Exhibition:

Their topic is **“Image Classify”**

1. Mandara.
2. Priyanshu Prasad.

## DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING:



The above students got **First Place** in Project Exhibition:

Their topic is **“Hands action navigation with detectable speech optical navigation”**

1. Abdul Hady.
2. Abhijith B V.
3. Krishnamurthy.
4. Keerthana K S.
5. Tejaswini M.



The above students got **Second Place** in Project Exhibition:

Their topic is **“Health-World”**

1. Dakshith S.
2. Dhishanth G patel.
3. Vishnu R.
4. Yashas D R.



## DEPARTMENT OF ELECTRONICS & COMMUNICATION:



The above students got **First Place** in Project Exhibition:

Their topic is **“Sound sensor with MIT APP inverter”**

1. D Saicharan.
2. Lokesh Yadav D.
3. Sangeetha Reddy.



The above students got **Second Place** in Project Exhibition:

Their topic is **“Soil moisture sensor monitoring with MIT APP invertor”**

1. Vaishnavi C T.
2. Hamsaveni.
3. Niharika S.