

BITS & BYTES

A DEPARTMENTAL NEWSLETTER

ADITYA SILVER OAK INSTITUTE OF TECHNOLOGY
Department of Computer Engineering



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PRINCIPAL



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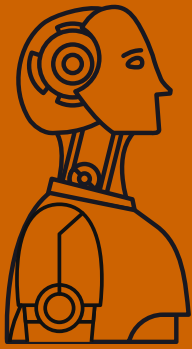
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Prof. Manish Singh

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Vision and Mission



Vision

To create competent professionals in the field of Computer Engineering and promote Research with a motive to serve as a valuable resource for the IT Industry and society.



Mission



1. To produce technically competent and ethically sound Computer Engineer professionals by imparting quality education, training, hands-on experience and value base education.
2. To inculcate ethical attitude, sense of responsibility towards society and leadership ability required for a responsible professional computer engineer.
3. To pursue creative research, adapt to rapidly changing technologies and promote self-learning approach in Computer Engineering and across disciplines to serve the dynamic needs of industry, government and society.

Program Educational Objective

PEO-1

To provide the fundamental of Science, Mathematics, Electronics, and Computer science and Engineering, and Skills for a successful IT Professional.

PEO-2

To provide scope to learn, apply skills, techniques, and competency to use modern engineering tools to solve computational problems.

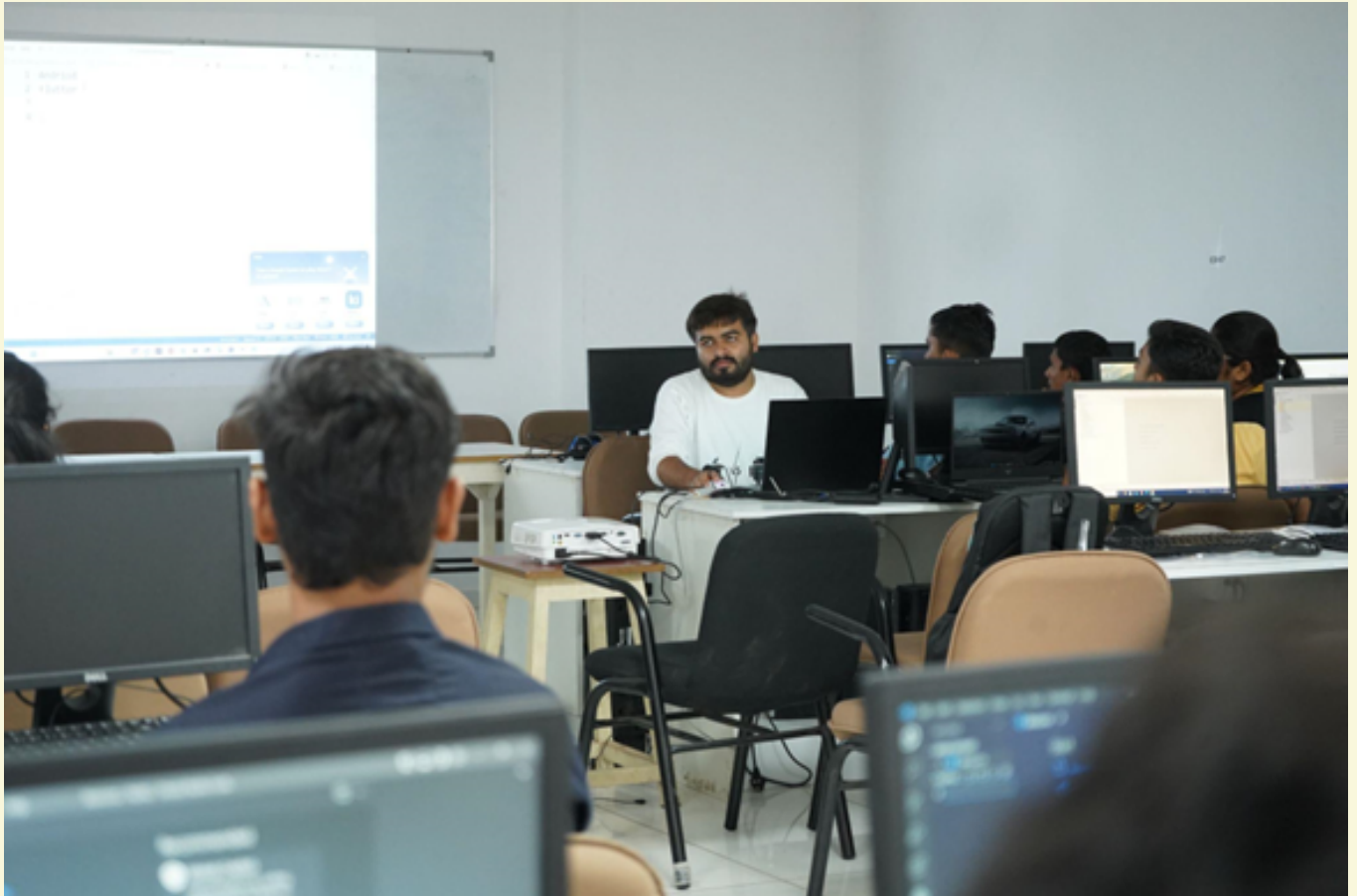
PEO-3

To enable young graduates to adapt to the challenges of evolving career opportunities in their chosen field of career including higher studies, research related avenues, entrepreneurial activities etc.

PEO-4

To inculcate life-long learning aptitude, leadership qualities, and teamwork ability with a sense of ethics for a successful professional career in their chosen field.

Faculty Development Programme on Flutter Fusion



This program offers a deep dive into the innovative world of Flutter, Google's UI toolkit, and explores its integration with diverse technologies. Focused on empowering faculty members, this initiative covers Flutter's core concepts, widget-based development, and fusion with backend frameworks like Firebase. Through hands-on workshops, participants gain proficiency in building cross-platform applications, harnessing Flutter's agility and Firebase's real-time database capabilities. The program aims to equip educators with the expertise to revolutionize app development education, bridging the gap between theory and cutting-edge technology in modern app design and deployment.

WORKSHOP ON REACT JS



The ReactJs Workshop held on August 21st and 22nd, 2023, was a resounding success. The industry expert Mr. Akash Padiyar, Founder and CEO, Akash Technolabs provided deep insights on ReactJs and its real time application development as projects. Over the two days, participants immersed themselves in the world of ReactJs, covering core concepts, JSX, state management, and advanced topics like React Router and Hooks. The hands-on approach allowed attendees to create and deploy web applications while gaining insights from skilled instructors. With 90 students' of the third semester of the Computer Engineering.

Seminar on WordPress



This hands-on session navigates through WordPress, an intuitive and powerful platform for creating dynamic websites. Participants delve into WordPress's user-friendly interface, learning to build and customize websites without extensive coding knowledge. From setting up a domain to crafting engaging content and incorporating themes and plugins, this workshop demystifies the process. Practical exercises and case studies empower attendees to harness WordPress's versatility for personal or professional website development, offering a comprehensive understanding of this widely-used content management system.

Expert :

Mr. Akash Padiyar,
Founder and CEO, Akash Technolabs

Industrial Visit @ NFSU



Department of Computer Engineering of Aditya Silver Oak Institute of Technology, Silver Oak University had organized an University Visit to "NFSU " on 14/09/2023 for Students of 7th Semester. The Technical Head of NFSU conducted very informative session for the students. Also he motivated students to select their domain and area of interest. He also guided students to select the areas like Fraud Detection , forensic laws in forensic etc.

The session was concluded with Question- Answer session. Many of the students asked different questions to the Technical Head on current demanding frauds market scenarios etc. and he cleared all the doubt and myths which was in students mind about the technologies and IT sector. All students were satisfied after the session. It was an informative ,interesting and a successful visit. As students of Computer Engineering, they understand a live security and importance of forensic selection, etc.

We express our thanks to the Dr. Pratik sir and all team members of NFSU who spent their valuable time for us. We also thank our respected Management and HOD (ASOIT-CE) –Dr. Jay Dave who motivate us to arrange such an informative program.

Expert Lecture on Selenium with Java Framework

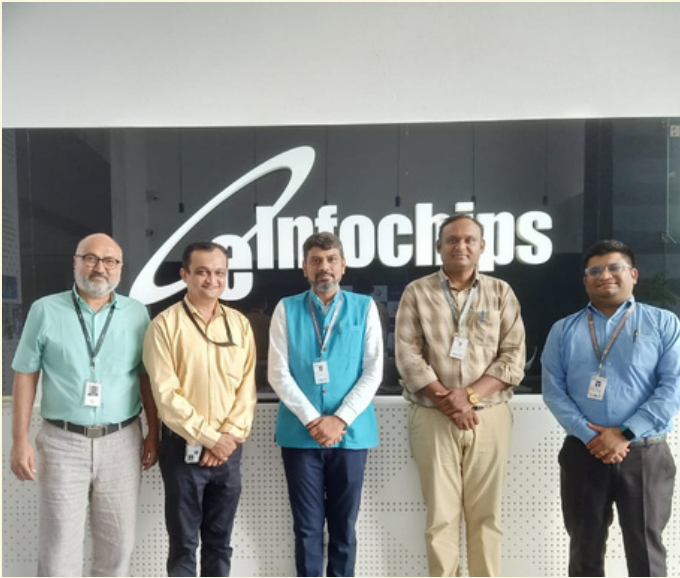


The Department of Computer Engineering conducted a session " Selenium with Java Framework" on 01 October 2022. The session on "Selenium with Java Framework" provided attendees with a comprehensive understanding of leveraging Selenium WebDriver within the Java programming language to automate web testing. The session aimed to equip participants with practical knowledge and techniques essential for efficient test automation using Selenium. 26 participants attended the session.

Expert:
Mr Hitesh,
Selenium Expert, Freelancer

Student feedback:
The hands-on workshop was highly appreciated, offering a practical understanding of Selenium's usage in Java frameworks.

INDUSTRIAL VISIT E-INFOCHIPS



Department of Computer Engineering of Aditya Silver Oak Institute of Technology, Silver Oak University had organized an Industrial Visit to "E-INFOCHIPS " on 28th August 2023 for Students of 5th Semester.

E-INFOCHIPS is a global provider of product engineering and semiconductor design. It is a Device/Digital partner of Qualcomm, NVIDIA, Microsoft, AMAZON etc. During the visit, Company has provided knowledge through practical Models in IoT. Witnessing real-world applications of theoretical concepts was enlightening. These experiences foster better career preparedness and industry awareness.

FINAL YEAR PROJECT REVIEW



A review of Project was conducted by the Department of Computer Engineering at ADITYA SILVER OAK INSTITUTE OF TECHNOLOGY on 26/08/2023. Respective faculties of the department have taken the review, evaluate and guided them. Our faculties evaluated and guided them to focus on practical skills and to think out of the box and come up with new innovative ideas in the area in which they are working. The sole purpose was to evaluate students on the basis of their work and provide proper guidance to the students.

FAREWELL FOR FINAL YEAR STUDENTS



Department of Computer Engineering of Aditya Silver Oak Institute of Technology organized the farewell for the final year students.

NSS - SOCIAL WORK ACTIVITIES PERFORMED BY OUR STUDENTS



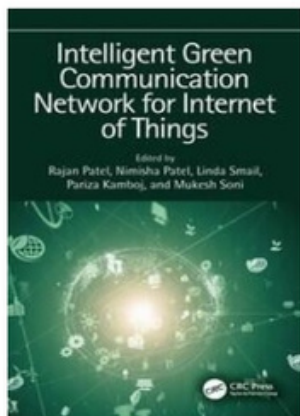
FACULTY ACHIEVEMENT ATTENDED WORKSHOP ON Flutter Fusion

Silver Oak University Campus, Ahmedabad.

Faculty Name	Signature
Ms. Anuradha Desai	
Ms. Appurva Kapil	
Ms. Jalpa Shah	
Dr. Premal Patel	
Ms. Juhvi Gor	
Mr. Sagar Patel	

FACULTY ACHIEVEMENT

(Book Chapter Publication)



Chapter

Comprehensive study on next-generation IoT

Energy-efficient green IoT

By Maitri Patel, Parita Shah, Rajan Patel, Priya Swaminarayan, Rahul Vaghela

Book [Intelligent Green Communication Network for Internet of Things](#)

Edition	1st Edition
First Published	2023
Imprint	CRC Press
Pages	15
eBook ISBN	9781003371526

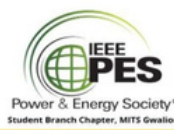
Author : Dr. Rahul Vaghela

Book : Intelligent Green Communication Network for Internet of Things

Chapter : Comprehensive study on next-generation IoT

eBook ISBN : 9781003371526

FACULTY ACHIEVEMENT



5th International Conference on Sustainable and Innovative Solutions for Current Challenges in Engineering & Technology (ICSISCET - 2023)

ORGANIZED BY

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR (M.P.), INDIA

माधव प्रौद्योगिकी एवं विज्ञान संस्थान, ग्वालियर (म.प्र.), भारत

A GOVT. AIDED UGC AUTONOMOUS INSTITUTE, AFFILIATED TO R.G.P.V. BHOPAL (M.P.), INDIA

NAAC ACCREDITED WITH A++ GRADE

Technically Sponsored By: Soft Computing Research Society, New Delhi

Certificate of Appreciation

We appreciate the support and cooperation of

Jay A Dave

as a

Program Committee Member and Reviewer

in the 5th International Conference on Sustainable and Innovative Solutions for Current Challenges in Engineering & Technology (ICSISCET 2023) held during October 21-22, 2023.

Prof. Manjaree Pandit
(General Chair)

Dr. Jagdish Chand Bansal
(General Secretary, SCRS)

<https://scrs.in/conference/icsiscet2023>

SCRS\ICSISCET2023\TPC\105

2nd International Conference on Advances in Data-driven Computing and Intelligent Systems (ADCIS 2023)



Organized by
BITS Pilani, K K Birla, Goa Campus, India

Co-organized by
National Forensic Sciences University, Goa

Technically Sponsored by
Soft Computing Research Society

September 21-23, 2023



Certificate of Appreciation

We appreciate the support and cooperation of **Jay A Dave** as a **Program Committee Member and Reviewer** in the 2nd International Conference on Advances in Data-driven Computing and Intelligent Systems (ADCIS 2023) held during September 21-23, 2023.

Dr. Lokesh Chouhan
General Chair

Dr. Snehanishu Saha
General Chair

Dr. Jagdish Chand Bansal
General Chair

SCRS\ADCIS2023\TPC\228

FACULTY ACHIEVEMENT



Dr. Jay A Dave, Associate Professor and HOD of Computer Engineering Aditya Silver Oak Institute of Technology, Silver Oak University invited as a Program Committee Member and Reviewer in the 2nd International Conference on Advances in Data-driven Computing and Intelligent Systems (ADCIS 2023) held during September 21-23, 2023.

Dr. Jay A Dave, Associate Professor and HOD of Computer Engineering, Aditya Silver Oak Institute of Technology, Silver Oak University invited as a Program Committee Member and Reviewer in the 5th International Conference on Sustainable and Innovative Solutions for Current Challenges in Engineering & Technology (ICSISCET-2023) held during October 21-22, 2023.

Dr. Jay A Dave, Associate Professor and HOD of Computer Engineering, Aditya Silver Oak Institute of Technology, Silver Oak University invited as a Technical Program Committee Member and Reviewer in the 2nd International Conference on Advancements in Smart Computing & Information Security (ASCIS-2023) held during December 7-9, 2023.

FACULTY

Ms. Appurva Kapil

ACHIEVEMENT

PARTICIPATION

"DATA SCIENCE WITH PYTHON"

Silver Oak University Campus, Ahmedabad.



NANODEGREE PROGRAM



Programming for Data Science with Python

CERTIFICATE OF COMPLETION

Awarded to

Jenice Bhavsar


SEBASTIAN THRUN
Founder, Udacity

August 11, 2023


Udacity has confirmed participation of this individual in this program. Confirm program confirm.udacity.com/e/4cb4b60e-c38c-11ed-ba55-3f33a6f78005.

CERTIFICATE of completion

This certificate is proudly presented to

Jenice Bhavsar

for completing 1-Day workshop conducted by
officemasters on SQL


Head Instructor



Date :
16th July, 2023

Certificate Of Participation

STUDENTS ACHIEVEMENT PARTICIPATION

Ms. Appurva Kapil
has actively participated in two days workshop on
"DATA SCIENCE WITH PYTHON"
Silver Oak University Campus, Ahmedabad.



STUDENTS ACHIEVEMENT PARTICIPATION

Ms. Appurva Kapil

has actively participated in two days workshop on

"DATA SCIENCE WITH PYTHON"

on 22nd & 23rd August 2023

Silver Oak University Campus, Ahmedabad.



THIS IS TO CERTIFY THAT
harsh chodvadiya

HAS SUCCESSFULLY COMPLETED
React.js Essentials Bootcamp (3 Days)

FROM 24 AUGUST 2023 TO 26 AUGUST 2023
(3 Days)

IN COLLABORATION WITH

DATE OF ISSUE: 27 AUGUST 2023

CERTIFICATE NO: LUERJSAUG123162

WWW.LETSUPGRADE.IN/VERIFY



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Dhirubhai Ambani
Institute of Information and Communication Technology



CERTIFICATE OF APPRECIATION

This certificate is awarded to

Vrushiti Bhatt

for outstanding performance and securing First rank in event

Naach Duet

as part of Synapse 2023.

Jaideep Mulherkar

Jaideep Mulherkar

Faculty Mentor
Annual Fest Committee, DA-IICT.



Prarthee Desai

Prarthee Desai

Convenor,
Annual Fest Committee, DA-IICT.

Synapse
2023

STUDENT ACHIVEMENTS and PARTICIPATION



Thank You