BITS

& BYTES

A DEPARTMENTAL NEWSLETTER

ADITYA SILVER OAK INSTITUTE OF TECHNOLOGY

Department of Computer Engineering

Dr. Pina Bhatt
PRINCIPAL

Dr. Premal Patel
HOD

EDITORIAL TEAM

DESIGNERS

Aneri Raval
Priyans Lathiya

ADVISORS

Prof. A. R. Kazi
Prof. Manish Singh

INDEX

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 competant and ethically sound Computer Engineer professionals by imparting quality education, training, hands-on experience and value base education.

2. To inclucate 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.
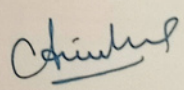
PEO-3

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.

Received NBA Accredetation

राष्ट्रीय प्रत्यायन बोर्ड

चौथा तल, ईस्ट टावर, एन. बी. सी. सी. प्लेस, भीष्म पितामह मार्ग, प्रगति विहार, लोधी रोड, नई दिल्ली -110003

NATIONAL BOARD OF ACCREDITATION

4th Floor, East Tower, NBCC Place, Bhisham Pitamah Marg, Pragati Vihar, Lodhi Road, New Delhi 110003

NBA
NATIONAL BOARD OF ACCREDITATION

File No: 20-119-2020-NBA

Date: 04-01-2022

To
Aditya Silver Oak Institute of Technology Within Ahmedabad Municipal Corporation Limit,
352,353 A, Nr. Bhavik Publications,
Opp. Bhagwat Vidyapith,
S.G.Highway, Ahmedabad
Gujarat - 382481

Subject: Accreditation status of programs applied by Aditya Silver Oak Institute of Technology Within Ahmedabad Municipal Corporation Limit, 352,353 A, Nr. Bhavik Publications, Opp. Bhagwat Vidyapith, S.G.Highway, Ahmedabad Gujarat - 382481.

Sir,

This has reference to your application ID No. 4493-11/01/2020 seeking accreditation by National Board of Accreditation to UG Engineering programs (Tier II) offered by Aditya Silver Oak Institute of Technology Within Ahmedabad Municipal Corporation Limit, 352,353 A, Nr. Bhavik Publications, Opp. Bhagwat Vidyapith, S.G.Highway, Ahmedabad Gujarat - 382481.

2.   An Expert Team conducted onsite evaluation of the programs from 29th to 31st October, 2021. The report submitted by the Expert Team was considered by the concerned Committees constituted for the purpose in NBA. The Competent Authority in NBA has approved the following accreditation status to the programs as given in the table below:

Sl. No.	Name of the Program(s) (UG)	Basis of Evaluation	Accreditation Status	Period of validity	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	Chemical Engineering		Accredited	Academic Years 2021-2022 to 2023-2024 i.e. upto 30-06-2024	Accreditation status granted is valid for the period indicated in Col.5 or till the program has the approval of the competent authority, whichever is earlier
2.	Computer Engineering	Tier II June 2015 Document	Accredited		
3.	Mechanical Engineering		Accredited		

3.   It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

4.   The programs have been granted accreditation for 3 years. Aditya Silver Oak Institute of Technology Within Ahmedabad Municipal Corporation Limit, 352,353 A, Nr. Bhavik Publications, Opp. Bhagwat Vidyapith, S.G.Highway, Ahmedabad Gujarat - 382481 should submit the Compliance Report at least six months before the expiry of validity of accreditation mentioned above so as to be eligible for consideration by the concerned Committee in NBA for further processing of the accreditation status.

Tel: +91 11 2436 0620-22, 2436 0654; Telefax: +91 11 4308 4903
Website: http://www.nbaind.org | Email:membersecretary@nbaind.org

Contd./_

It is an immense pleasure for us that under the visionary leadership of the Principal of Aditya Silver Oak Institute of Technology Dr. Pina Bhatt, the Department of Computer Engineering received Accreditation from National Board of Accreditation (NBA).

FDP on Data Science with Python

The Faculty Development Programme on Data Science with Python was designed to equip educators with the essential knowledge and skills required to teach data science concepts using Python as the primary programming language. Over the course, participants delved into the core principles, tools, and techniques used in data science, empowering them to effectively instruct and mentor students in this rapidly evolving field.

"Practical, insightful, and empowering; Python opened new doors in data science!"
"An enriching journey through Python's data prowess, revolutionizing my data science capabilities!"

Expert:Dr. Chintan Shah,Mr. Margil Shah

Seminar on Node JS

Seminar on "NodeJS" was organized by ASOIT Computer Dept under CSI Chapter. Node.js is a platform and runtime environment. Maintaining a clear distinction between client and server makes the app easier to maintain and test. How to host websites and How actual websites work and how to deal with actual problems while creating a website.

Expert or Guest Profile (In Detail):
Mr. Akash Padiyar,
Founder and CEO, Akash Technolabs

Seminar on Web Search Engine Optimization

In today's digital sphere, visibility is paramount. Search Engine Optimization (SEO) stands as the linchpin for businesses striving to thrive in the online domain. This seminar organized by the Computer Engineering department aims to demystify the complexities of SEO, equipping participants with the essential strategies and tools to enhance their online presence.

Expert:
Mr. Dhaval Chudasama
CEO, DC4 IT SOLUTIONS

2 Days Workshop on "Deep Learning"
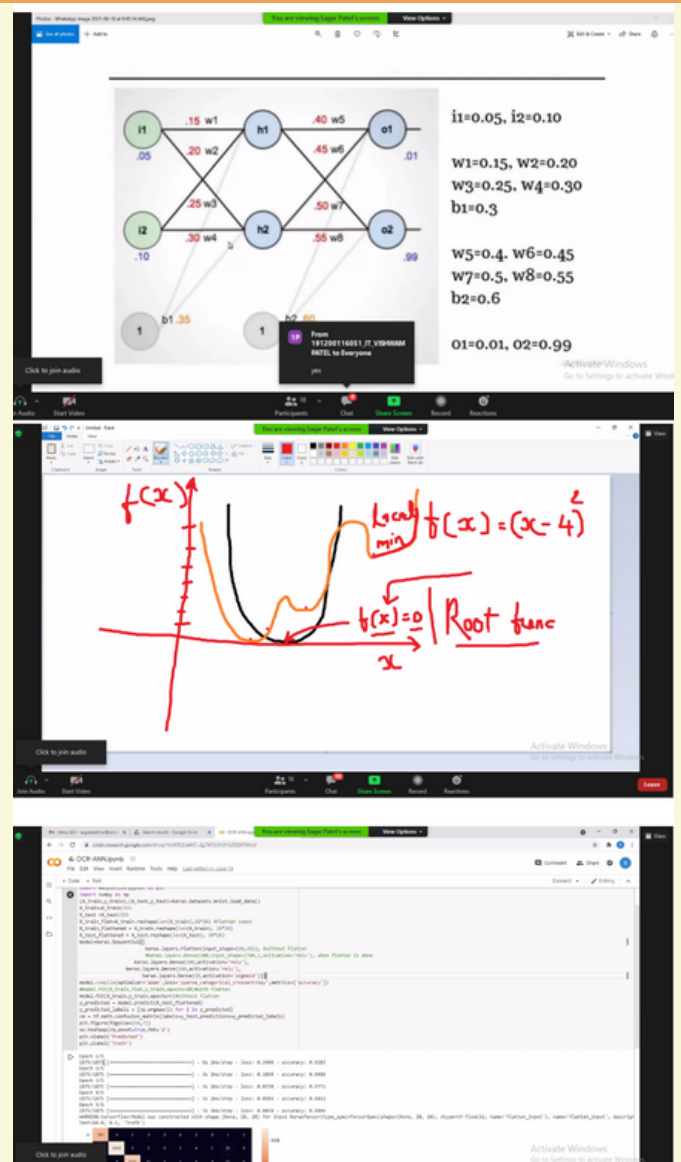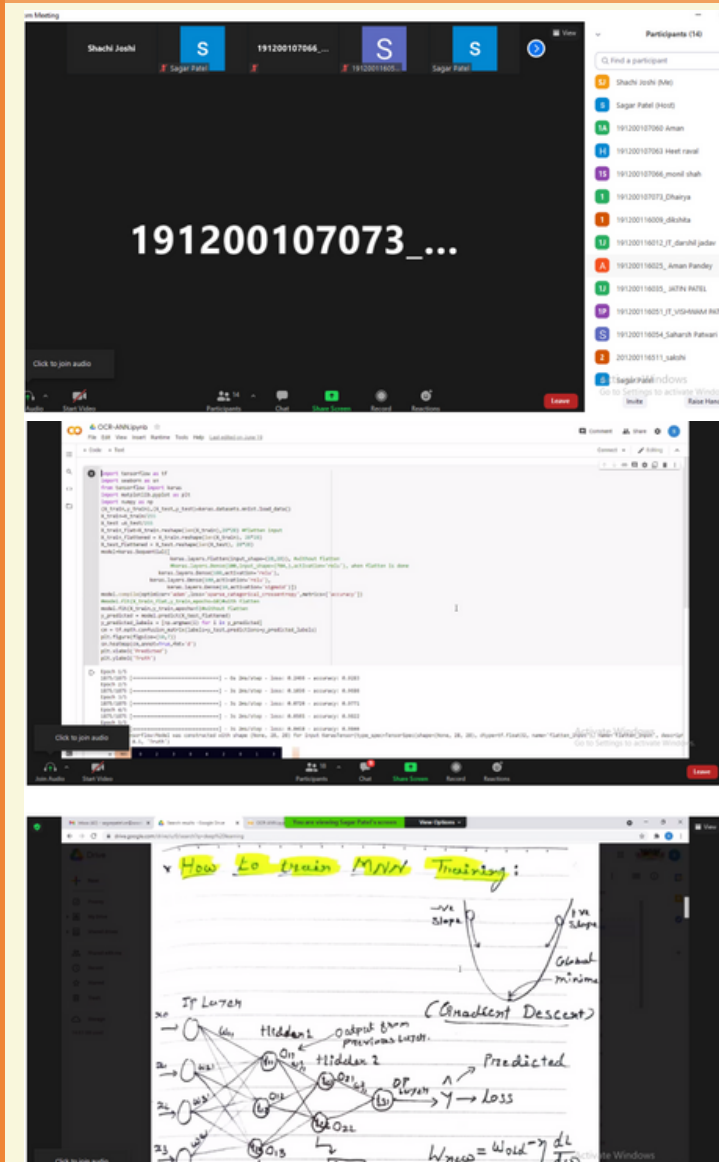
Machine Learning has nowadays become one of the most important parts of the technology. Deep Learning is a subfield of machine learning concerned with algorithms inspired by the structure and function of the brain called artificial neural networks.The ability to process large numbers of features makes deep learning very powerful when dealing with unstructured data. So for students it is necessary to understand the importance of deep learning and through this workshop they were able to experience real time working and understanding in the field of Deep Learning.

Expert :
Mr. Sagar Patel
More than 11 years of experience
Specialization: Deep Learning, Machine Learning, IOT

Faculties Achievements & Participations

FACULTY DEVELOPMENT PROGRAM

CERTIFICATE of PARTICIPATION

This is to Certify that

Mr.Sagar Patel

Aditya Silver Oak Institute of Technology

has participated in Faculty Development Program on theme

"DATA SCIENCE WITH PYTHON"

Organized by Department of Computer Engineering, ASOIT,

Silver Oak University

held from 6th December, 2021 to 10th December, 2021.

Prof. Mit Shah
Registrar

FACULTY DEVELOPMENT PROGRAM

CERTIFICATE of PARTICIPATION

This is to Certify that

Ms. Anuradha Desai

Aditya Silver Oak Institute of Technology

has participated in Faculty Development Program on theme

"DATA SCIENCE WITH PYTHON"

Organized by Department of Computer Engineering, ASOIT,

Silver Oak University

held from 6th December, 2021 to 10th December, 2021.

Prof. Mit Shah
Registrar

Faculties Achievements & Participations

FACULTY DEVELOPMENT PROGRAM

CERTIFICATE of PARTICIPATION

This is to Certify that

Mr. Azzizuddin Kazi

Aditya Silver Oak Institute of Technology

has participated in Faculty Development Program on theme

"DATA SCIENCE WITH PYTHON"

Organized by Department of Computer Engineering, ASOIT,

Silver Oak University

held from 6th December, 2021 to 10th December, 2021.

Prof. Mit Shah
Registrar

FACULTY DEVELOPMENT PROGRAM

CERTIFICATE of PARTICIPATION

This is to Certify that

Mr. Manish Singh

Aditya Silver Oak Institute of Technology

has participated in Faculty Development Program on theme

"DATA SCIENCE WITH PYTHON"

Organized by Department of Computer Engineering, ASOIT,

Silver Oak University

held from 6th December, 2021 to 10th December, 2021.

Prof. Mit Shah
Registrar

Faculties Achievements & Participations

FACULTY DEVELOPMENT PROGRAM

CERTIFICATE of PARTICIPATION

This is to Certify that

Ms. Appurva Kapil

Aditya Silver Oak Institute of Technology

has participated in Faculty Development Program on theme

"DATA SCIENCE WITH PYTHON"

Organized by Department of Computer Engineering, ASOIT,

Silver Oak University

held from 6th December, 2021 to 10th December, 2021.

Prof. Mit Shah
Registrar

FACULTY DEVELOPMENT PROGRAM

CERTIFICATE of PARTICIPATION

This is to Certify that

Dr. Premal Patel

Aditya Silver Oak Institute of Technology

has participated in Faculty Development Program on theme

"DATA SCIENCE WITH PYTHON"

Organized by Department of Computer Engineering, ASOIT,

Silver Oak University

held from 6th December, 2021 to 10th December, 2021.

Prof. Mit Shah
Registrar

Thank You