



ADITYA SILVER OAK INSTITUTE OF TECHNOLOGY
(Computer Engineering)

THANK YOU



ADITYA SILVER OAK INSTITUTE OF TECHNOLOGY
(Computer Engineering)

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BYTES

A DEPARTMENTAL NEWSLETTER



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PRINCIPAL



DR. IRVIN SINGH DUA
HOD

--: EDITORIAL TEAM :-

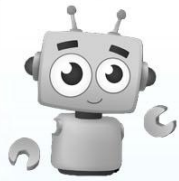
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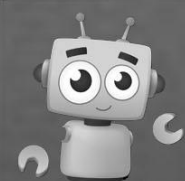
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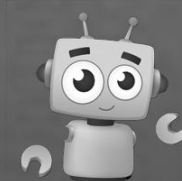


STUDENT ACHIEVEMENT

RED HAT CERTIFIED SYSTEM ADMINISTRATOR



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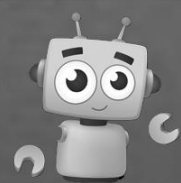
VISION & MISSION

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 ENGINEERING PROFESSIONALS BY IMPARTING QUALITY EDUCATION, TRAINING, HANDS ON EXPERIENCE AND VALUE BASED 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.



PEO's & PO's

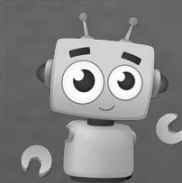
PROGRAM EDUCATIONAL OBJECTIVES (PEO):

PEO1: To provide the fundamentals of science, mathematics, electronics and computer science and engineering and skills necessary for a successful IT professional.

PEO2: To provide scope to learn, apply skills, techniques and competency to use modern engineering tools to solve computational problems.

PEO3: To enable young graduates to adapt to the challenges of evolving career opportunities in their chosen fields of career including higher studies, research avenues, entrepreneurial activities etc.

PEO4: To inculcate life-long learning aptitude, leadership qualities and teamwork ability with sense of ethics for a successful professional career in their chosen field.



FIRE THORN CLUB

CYBER AWARENESS SESSION

A SESSION ON CYBER AWARENESS WAS ORGANISED BY THE FIRE-THORN CLUB OF CE DEPARTMENT OF ADITYA SILVER OAK INSTITUTE OF TECHNOLOGY ON 21 SEPTEMBER 2019 I.E SATURDAY BETWEEN 10:00 AM TO 11:30 PM.
VENUE : D-510.

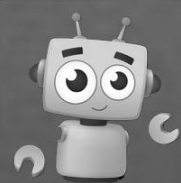


THE WHOLE SESSION WAS CONDUCTED BY MR. PARTH GUPTA ONE OF THE STUDENTS OF IT DEPARTMENT ADITYA SILVER OAK INSTITUTE OF TECHNOLOGY, INDIA'S YOUNGEST ETHICAL HACKER AND INTEGRAL MEMBER OF FIRE THORN CLUB.

TOPICS COVERED:

- INTRODUCTION TO CYBER SECURITY
- ELEMENTS OF CYBER SECURITY
- CLASSIFICATION OF CYBER CRIMES
- TYPES OF CYBER ATTACKS
- CYBER LAWS





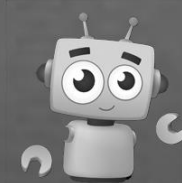
WHITE OAK CLUB

HANDS ON SESSION ON "PYTHON PROGRAMMING"

A HAND ON SESSION ON "PYTHON PROGRAMMING" WAS ORGANIZED BY WHITE OAK CLUB OF COMPUTER ENGINEERING DEPARTMENT, ADITYA SILVER OAK INSTITUTE OF TECHNOLOGY (ASOIT) ON 14TH SEPTEMBER, 2019 I.E. SATURDAY FROM 12:00 PM TO 4:00 PM AT TITANIUM HALL (C-BLOCK) TO EXPLORE THE POWER AND SIMPLICITY OF PYTHON PROGRAMMING LANGUAGE.

WHOLE SESSION WAS CONDUCTED BY OUR 5TH SEMESTER STUDENTS NAMELY MR. KARAN MODI AND KARAN VORA. WHO HAS GIVEN GREAT KNOWLEDGE ABOUT PYTHON PROGRAMMING LANGUAGE.

THIS WORKSHOP WAS TOTALLY PRACTICAL ORIENTED AND APPRECIATED BY THE ALL STUDENTS, AS THEY WERE ABLE TO ADD ANOTHER PROGRAMMING LANGUAGE IN THEIR TECHNICAL SKILL SET.



PEO's & PO's

PROGRAM OUTCOMES (POs) :

1. **ENGINEERING KNOWLEDGE:** APPLY THE KNOWLEDGE OF MATHEMATICS, SCIENCE, ENGINEERING FUNDAMENTALS AND AN ENGINEERING SPECIALIZATION TO THE SOLUTION OF COMPLEX ENGINEERING PROBLEMS.
2. **PROBLEM ANALYSIS:** IDENTIFY, FORMULATE, REVIEW RESEARCH LITERATURE, AND ANALYSE COMPLEX ENGINEERING PROBLEMS REACHING SUBSTANTIATED CONCLUSIONS USING FIRST PRINCIPLES OF MATHEMATICS, NATURAL SCIENCES AND ENGINEERING SCIENCES.
3. **DESIGN/DEVELOPMENT OF SOLUTIONS:** DESIGN SOLUTIONS FOR COMPLEX ENGINEERING PROBLEMS AND DESIGN SYSTEM COMPONENTS OR PROCESSES THAT MEET THE SPECIFIED NEEDS WITH APPROPRIATE CONSIDERATION FOR THE PUBLIC HEALTH AND SAFETY, AND THE CULTURAL, SOCIETAL, AND ENVIRONMENTAL CONSIDERATIONS.
4. **CONDUCT INVESTIGATIONS OF COMPLEX PROBLEMS:** USE RESEARCH-BASED KNOWLEDGE AND RESEARCH METHODS INCLUDING DESIGN OF EXPERIMENTS, ANALYSIS AND INTERPRETATION OF DATA, AND SYNTHESIS OF THE INFORMATION TO PROVIDE VALID CONCLUSIONS.



PEO's & PO's

PROGRAM OUTCOMES (POs) :

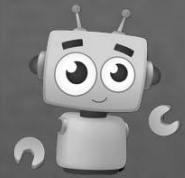
5. MODERN TOOL USAGE: CREATE, SELECT, AND APPLY APPROPRIATE TECHNIQUES, RESOURCES, AND MODERN ENGINEERING AND IT TOOLS INCLUDING PREDICTION AND MODELING TO COMPLEX ENGINEERING ACTIVITIES WITH AN UNDERSTANDING OF THE LIMITATIONS.
6. THE ENGINEER AND SOCIETY: APPLY REASONING INFORMED BY THE CONTEXTUAL KNOWLEDGE TO ASSESS SOCIETAL, HEALTH, SAFETY, LEGAL AND CULTURAL ISSUES AND THE CONSEQUENT RESPONSIBILITIES RELEVANT TO THE PROFESSIONAL ENGINEERING PRACTICE.
7. ENVIRONMENT AND SUSTAINABILITY: UNDERSTAND THE IMPACT OF THE PROFESSIONAL ENGINEERING SOLUTIONS IN SOCIETAL AND ENVIRONMENTAL CONTEXTS, AND DEMONSTRATE THE KNOWLEDGE OF, AND NEED FOR SUSTAINABLE DEVELOPMENT.
8. ETHICS: APPLY ETHICAL PRINCIPLES AND COMMIT TO PROFESSIONAL ETHICS AND RESPONSIBILITIES AND NORMS OF THE ENGINEERING PRACTICE.



M.E.D.H.A

FIRST BATCH PASS OUT

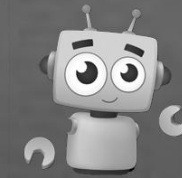




M.E.D.H.A

FIRST BATCH PASS OUT

ITS CELEBRATION TIME FOR SILVER OAK UNIVERSITY AS WE ARE FEELING PROUD TO HAVE A GRAND SUCCESS OF OUR FIRST BATCH OF ML & AI COURSE UNDER MEDHA(MACHINE LEARNING ENHANCES DEEP LEARNING WITH HEURISTIC ALGORITHMS). OUR ENTHUSIASTIC PARTICIPANTS WERE AWARDED TODAY IN PRESENCE OF UNIVERSITY MANAGEMENT AND INDUSTRY EXPERTS. THIS MEDHA COURSE WERE CERTIFIED WITH IEEE SOCET SB, AWS COMMUNITY PARTNER, SOFTVAN TECHNOLOGY AND NVIDIA



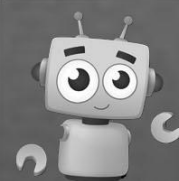
PEO's & PO's

PROGRAM OUTCOMES (POs) :

09. INDIVIDUAL AND TEAM WORK: FUNCTION EFFECTIVELY AS AN INDIVIDUAL, AND AS A MEMBER OR LEADER IN DIVERSE TEAMS, AND IN MULTIDISCIPLINARY SETTINGS.
10. COMMUNICATION: COMMUNICATE EFFECTIVELY ON COMPLEX ENGINEERING ACTIVITIES WITH THE ENGINEERING COMMUNITY AND WITH SOCIETY AT LARGE, SUCH AS, BEING ABLE TO COMPREHEND AND WRITE EFFECTIVE REPORTS AND DESIGN DOCUMENTATION, MAKE EFFECTIVE PRESENTATIONS, AND GIVE AND RECEIVE CLEAR INSTRUCTIONS.
11. PROJECT MANAGEMENT AND FINANCE: DEMONSTRATE KNOWLEDGE AND UNDERSTANDING OF THE ENGINEERING AND MANAGEMENT PRINCIPLES AND APPLY THESE TO ONE'S OWN WORK, AS A MEMBER AND LEADER IN A TEAM TO MANAGE PROJECTS AND IN MULTIDISCIPLINARY ENVIRONMENTS.
12. LIFE-LONG LEARNING: RECOGNIZE THE NEED FOR, AND HAVE THE PREPARATION AND ABILITY TO ENGAGE IN INDEPENDENT AND LIFE-LONG LEARNING IN THE BROADEST CONTEXT OF TECHNOLOGICAL CHANGE.



ADITYA SILVER OAK INSTITUTE OF TECHNOLOGY (Computer Engineering)



ORIENTATION PROGRAMME



ORIENTATION PROGRAMME WAS HELD ON 16/12/2019 AT 10.00 AM IN NEWTON HALL. THE PURPOSE OF THE ORIENTATION PROGRAMME IS TO HELP THE STUDENTS TO GET STARTED AT THE NEW SEMESTER. PROVIDE DIRECTION AND INFORMATION TO STUDENTS THAT WILL BE HELPFUL IN THE NEW SEMESTER

OUTCOME OF ORIENTATION:

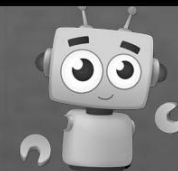
1. UNDERSTANDING ACADEMIC PLANNING FOR THE UPCOMING SEMESTER.
2. KNOWING CLASS COUNSELLORS OF THE RESPECTIVE CLASS.
3. UNDERSTANDING ACADEMIC CALENDAR FOR UPCOMING SEMESTER.
4. UNDERSTANDING LOGIC BUILDING SESSIONS.



ORIENTATION PROGRAMME WAS HOSTED BY PROF. NAMITA PATEL. ORIENTATION PROGRAMME WAS STARTED WITH BRIEF EXPLANATION ABOUT ORIENTATION PURPOSE, DEPARTMENT MISSION AND CLASS COUNSELLORS OF ALL UPCOMING SEMESTER.

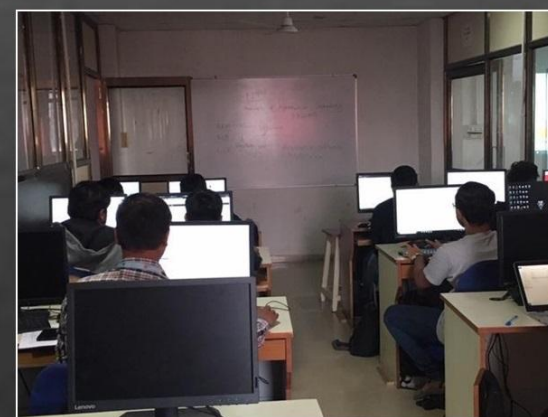


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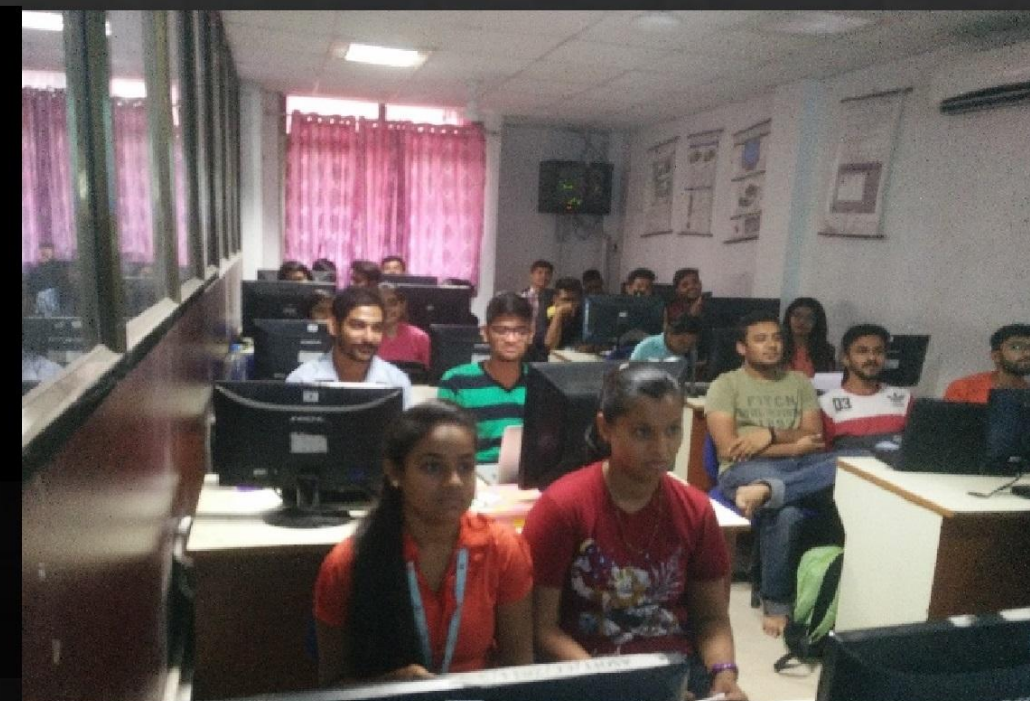


BIG DAY ACTIVITY

ATTRACTIVE WEB DESIGN FOR A GIVEN TOPIC



OBJECTIVE:
TO GAIN BASIC KNOWLEDGE ABOUT WEB DESIGNING
SUBJECT: WEB TECHNOLOGY
TARGET AUDIENCE: 6H SEM CE
STUDENTS PRESENT: 50
TIME: 12:05 PM TO 1:00 PM
VENUE: D-510



Learning Outcome:

Students will be able to gain knowledge regarding html .

Facilitator: Prof. Murti Patel