



ADITYA SILVER OAK INSTITUTE OF TECHNOLOGY
(Computer Engineering)



ADITYA SILVER OAK INSTITUTE OF TECHNOLOGY
(Computer Engineering)

THANK YOU

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**BITS
 &
 BYTES**

A DEPARTMENTAL NEWSLETTER



DR. PINA BHATT
 PRINCIPAL



DR. IRVIN SINGH DUA
 HOD

--: EDITORIAL TEAM :-

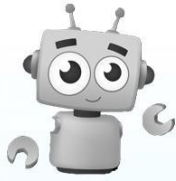
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CHIEF EDITOR
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 PROF. MANISH SINGH





ADITYA SILVER OAK INSTITUTE OF TECHNOLOGY
(Computer Engineering)



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VISION

MISSION

PEO's

PO's

WORKSHOP

STUDENT ACHIVMENTS

BIG DAY ACTIVITY
 BY PROF VIDUSHI PATEL

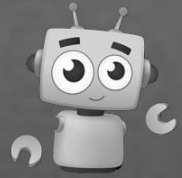
BIG DAY ACTIVITY
 BY PROF. NEHA THAKKAR

POSTER PRESENTATION
 BY PROF VIDUSHI PATEL



ADITYA SILVER OAK INSTITUTE OF TECHNOLOGY
(Computer Engineering)





POSTER PRESENTATION

ACTIVITY NAME: POSTER PRESENTATION.

DATE: 30/8/2018

VENUE: D-511

OBJECTIVE: TO LEARN ABOUT HOW UML DIAGRAMS.

SUBJECT: OBJECT ORIENTED PROGRAMMING USING JAVA (2150704)

TARGET AUDIENCE: 5TH SEM CE STUDENTS

NO. OF STUDENTS PRESENT: 45



Shot on OnePlus
By vidu

TIME: 8:50 AM TO 9:40 AM

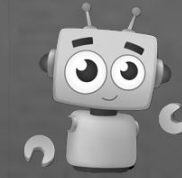
OUTCOME OF ACTIVITY:

1. HELPFUL IN INCREASING STUDENTS ABILITY IN UML DIAGRAMS

FACILITATOR:
PROF VIDUSHI PATEL



Shot on OnePlus
By vidu



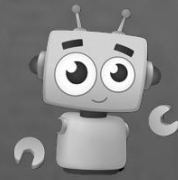
VISION & MISSION

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

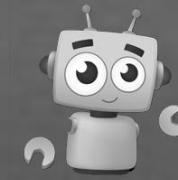
PROGRAM EDUCATIONAL OBJECTIVES (PEO):

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.



BIG DAYS ACTIVITY

ACTIVITY NAME: KAHOOT QUIZ ON "ASSEMBLER AND MACRO PROCESSORS"

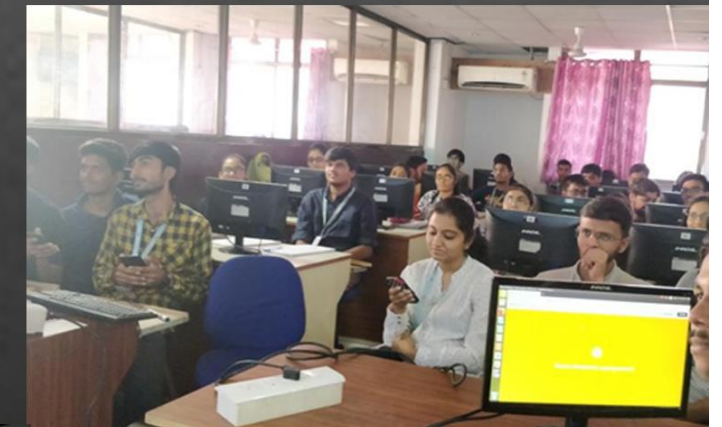
DATE: 12/9/2018

VENUE: D-405

OBJECTIVE: TO LEARN ABOUT ASSEMBLER AND MACROS RELATIONSHIPS AND THEIR STATEMENTS, TYPES AND SYNTAX.

SUBJECT: SYSTEM PROGRAMMING

TARGET AUDIENCE: 5TH SEMESTER CE STUDENTS



NO. OF STUDENTS PRESENT: 43
TIME: 8:50 AM TO 9:40 AM

OUTCOME OF ACTIVITY:

1. GETTING INFORMATION ABOUT ASSEMBLER CODE.
2. LEARN HOW ASSEMBLERS WORKS WITH MACROS.

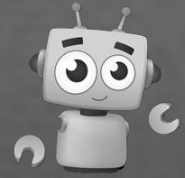
3. LEARN TYPES OF ASSEMBLER.

4. QUIZ BASED ACTIVITY LEARNING IS BENEFICIAL IN REMEMBERING THE TERMS AND CONCEPTS EASILY.

FACILITATOR:

PROF NEHA THAKKAR





BIG DAYS ACTIVITY

ACTIVITY NAME: POSTER PRESENTATION.

DATE: 30/8/2018

VENUE: D-505

OBJECTIVE: TO LEARN ABOUT HOW UML DIAGRAMS.

SUBJECT: OBJECT ORIENTED PROGRAMMING USING JAVA (2150704)

TARGET AUDIENCE: 5TH SEM CE STUDENTS

NO. OF STUDENTS PRESENT: 40



Shot on OnePlus By vidu



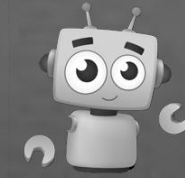
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TIME: 1:00 PM TO 2:00 PM

OUTCOME OF ACTIVITY:

1. HELPFUL IN INCREASING STUDENTS ABILITY IN UML DIAGRAMS

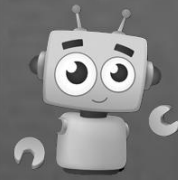
FACILITATOR:
PROF VIDUSHI PATEL



PEO's & PO's

PROGRAM OUTCOMES (POs) :

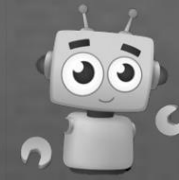
1. ENGINEERING KNOWLEDGE: APPLY THE KNOWLEDGE OF MATHEMATICS, SCIENCE, ENGINEERING FUNDAMENTALS AND AN ENGINEERING SPECIALIZATION TO THE SOLUTION OF COMPLEX ENGINEERING PROBLEMS.
2. PROBLEM ANALYSIS: IDENTIFY, FORMULATE, REVIEW RESEARCH LITERATURE, AND ANALYSE COMPLEX ENGINEERING PROBLEMS REACHING SUBSTANTIATED 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

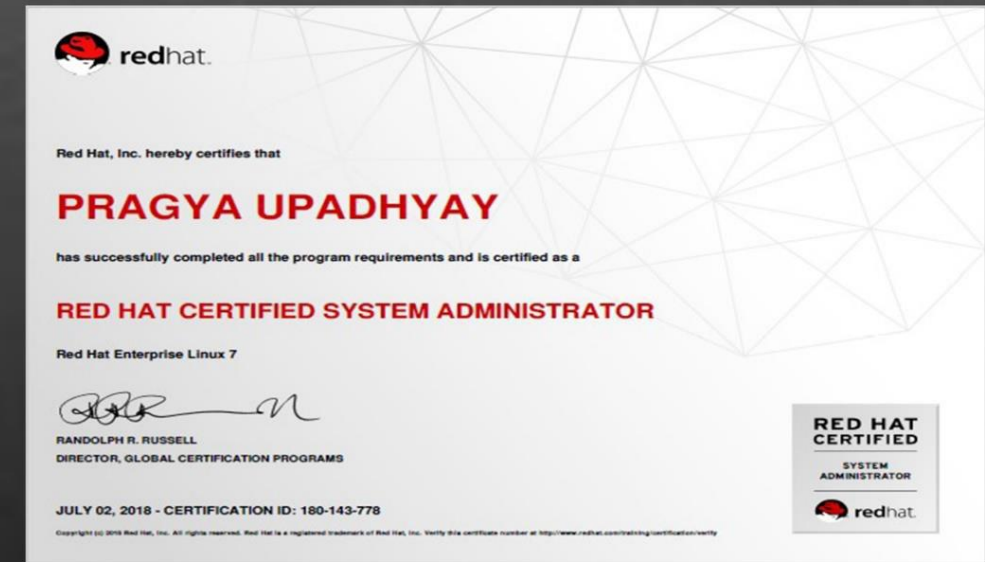
PROGRAM OUTCOMES (POs) :

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.

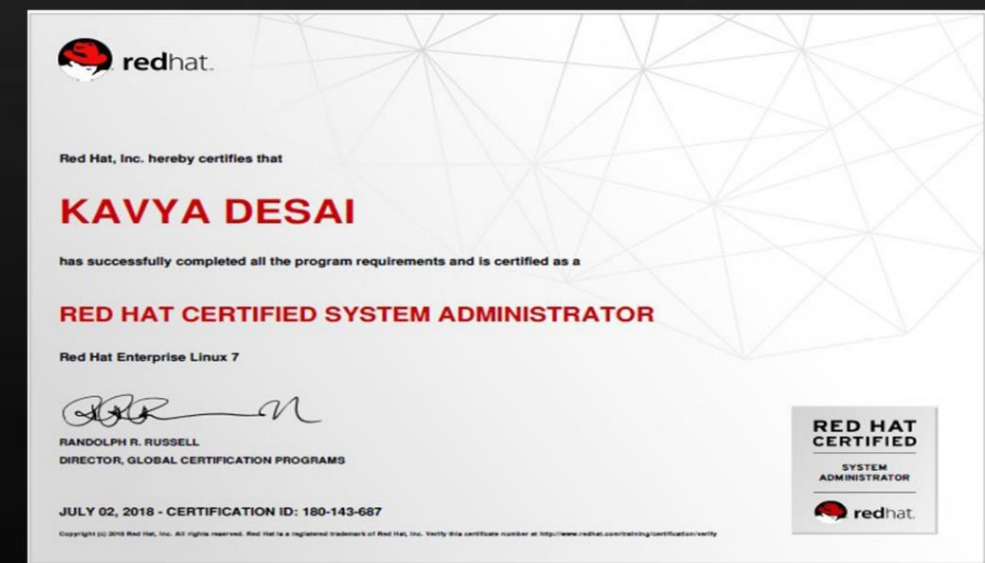


STUDENT-ACHIVMENTS

RED HAT CERTIFIED SYSTEM ADMINISTRATOR



UPADHYAY PRAGYA



KAVYA K DESAI



STUDENT-ACHIVMENTS

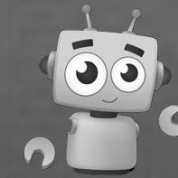
RED HAT CERTIFIED SYSTEM ADMINISTRATOR



MIT BAKHDA



ABHISHEK CHAUHAN



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.



WORKSHOP

REPORT ON 1 DAY WORKSHOP "INFORMED SEARCH ALGORITHMS"

DATE: 28/07/2018

VENUE : NEWTON HALL

EXPERT NAME: **DR. MAHESH**

GOYANI, ASSISTANT PROFESSOR
, GEC, MODASA

TARGETED AUDIENCE: 5TH CE

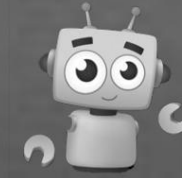
NO. OF STUDENTS PRESENT: 30

TIME: 11:00 AM TO 4:00 PM



OBJECTIVE OF WORKSHOP:

1. TO LEARN THE DIFFERENCE BETWEEN UNINFORMED SEARCH AND INFORMED SEARCH
2. HOW TO UTILIZE INFORMED SEARCH ALGORITHMS TO IMPLEMENT DIFFERENT GAMES
3. WHAT IS EXACT APPROACH TO LEARN AND IMPLEMENT GAMES
4. HOW COMPUTER DEALS WITH PLAYERS OF GAME



STUDENT-ACHIVMENTS

RED HAT CERTIFIED SYSTEM ADMINISTRATOR



MAITRI SHAH



ZEEL PATEL