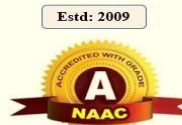




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Kandlakoya, Medchal Road, Hyderabad- 501 401, Telangana



DEPARTMENT OF INFORMATION TECHNOLOGY

REPORT

Session Topic:DESIGN THINKING IN EDUCATION

1. **Objective of the Program :**The main aim of the session is to educate and encompass the students about Designing creative ideas and to apply innovative ideas for creating for the development of needs of the society
2. **Benefits /Outcome of the Program:** Students turning towards the designing .It uses a creative, systematic approach to teach problem-solving. Students progress through the stages of Discovery, Ideation, Experimentation.

3. Description:



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27-02-2023

Workshop Report on
“DESIGN THINKING IN EDUCATION” Organised by
Department of IT, in association with IIC 5.0
CMR Technical Campus, Hyderabad
(27-02-2023, AT2:00 – 3:00PM)

The workshop on "DESIGN THINKING IN EDUCATION.", organized by the Department of Information Technology in association with IIC 5.0, CMR Technical Campus on 27-02-2023 from 2:00 to 3:00 pm. There were about **50** students of B.Tech and **10** faculty members attended the workshop.

The session of the workshop was delivered by Dr.J. Manoranjini, Professor in Computer Science and Engineering Department, SVIT,Secunderabad. He received his Ph.D. degree from Anna University, Chennai. Previously, she received M.Tech. and B.Tech. degrees from Dr. M.G.R. Educational & Research Institute and Karunya Institute of Technology, respectively. She has Good Contributor in Academics. Played roles as Incharge Principal, Dean Academics, Head of Dept of CSE & Cyber Security (Emerging CSE Dept). Previously Head of R&D and In charge of Online Monitoring of Class works of allDepartments. Head In charge in CSE dept (2014). ICT Coordinator. Conducted AICTE sponsored National Level E Conference under GOC scheme NECCC-21. AICTE MODROBS is sent for expert evaluation. Attended accreditation of UG & PG courses in NITTR and completed modules 1, 2 & 8. Reviewer for 2nd International Conference on “Innovative trends in InformationTechnology -ICITIIT21-IIIT. Evaluator for Toycathon-2021 – One of the 5

member panel of judges - organized by “Ministry of Educations InnovationCell”. Submitted AICTE proposal for RPS scheme titled “Svachchh khetee Using Acoustic & Image Wireless Sensor Network Technology” and this is also sent for expert evaluation. Conducted International Virtual FDP titled “Exploring the Essential Technologies in Cyber Security” on July 6th& 7th 2020. Completed ATAL FDPs in Cyber Security& Artificial Intelligence. Prepared Lab Manuals for new regulations like Computer Networks, Concurrent Programming & Network Programming (R18) Android App Development for result analysis in Tagore Engg College. Android App Development for Tagore Engg College website. Blackhole detection in Manets. EEACK Intrusion detection technique in Manets. Web development for HR management for Hospira Company Honey pot network simulation.

In the valedictory function, participants expressed their feedback about the Workshop. The convener of the workshop expressed the vote of thanks and the programme ended with a national anthem.

Coordinator

HoD

4. Organized on:27th FEB 2023

5. Student Participants number:50

6. Students /Faculty Registration Details with timestamp:

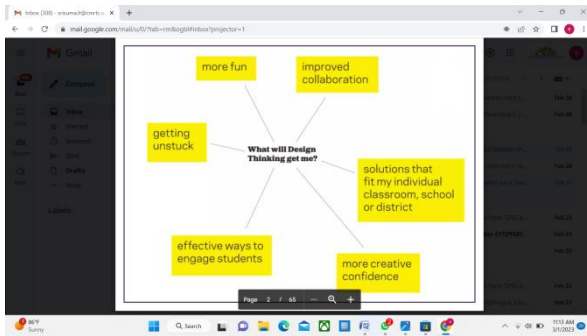


_DESIGN THINKING IN EDUCATION (Responses) - Form Responses 1.pdf

7. Faculty Participants number:10

8. Expenditure amount if any:4000

9. Photographs (5 to 6)



• *Design Thinking is about believing we can make a difference.*

• *It gives you faith in your*

What's in it for you?

- What is design thinking
- Design thinking in PappCo
- Why design thinking is important
- Five phases of design thinking
- Four Pillars of Design Thinking

Why Design Thinking is important?

- Human-centric techniques
- Iterative process
- Resolves problems
- Promotes a solution based approach
- Develop empathy with the target user
- Hands-on approach to prototyping and testing

Five Phases of Design Thinking

Empathize → Define → Ideate → Prototype → Test

Focus on design

Define - Design Thinking Steps

Example: what could be done?

- Ask suitable questions to the user and come up with ideas based from their needs
- Research your ideas with your team members
- Uncover unexpected areas of innovation

Uber

Case Study

Define the problem and define problem → Gather ideas by brainstorming → Build potential ideas and test for viability → Get user feedback and iterate the model

Empathize → Define → Ideate → Prototype → Test

LEARN A NEW WORD EVERYDAY

RESILIENCE

1. the capacity to withstand or to recover quickly from difficulties; toughness.
2. the ability of a substance or object to spring back into shape.

10. Video link url:
<https://drive.google.com/drive/folders/1Ban6DqSb3c82bZjnwVS72nO4R5tGHC11>

11. Poster

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DEPARTMENT OF IT
IN ASSOCIATION WITH IIO 8.0
ORGANIZING A SESSION ON
DESIGN THINKING IN EDUCATION


DR. J. MANORANJINI
 HOD & PROFESSOR
 DEPARTMENT OF IT
 SWAMI VIVEKANANDA INSTITUTE OF
 TECHNOLOGY

FEBRUARY 27, 2023 **2:00 PM - 3:00 PM**
VENUE : D BLOCK 114

Ms.V.SRI SUMA HOD, DEPARTMENT OF IIT, CMR TECHNICAL CAMPUS	Dr.B.KAVITHA BANI CHIEF TECHNOLOGICAL OFFICER, CMR TECHNICAL CAMPUS	Dr.SUDHA ARVIND CHIEF TECHNOLOGICAL OFFICER, CMR TECHNICAL CAMPUS
Dr.K.SRUJAN RAJU HOD, DEPARTMENT OF IIT, CMR TECHNICAL CAMPUS	Dr.M.AHMED ALI BANI PROFESSOR OF IIT, CMR TECHNICAL CAMPUS	Dr.A.RAJU REDDY PROFESSOR, CMR TECHNICAL CAMPUS

12.Keywords:Empathize,

define,ideate, prototype,test

13.Lead Expert's Name: Dr. J.MANORANJINI

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15.Lead Expert's Designation: PROFESSOR & HOD

16.Lead Expert's Organization:SVIT, SECUNDERABAD

17.Lead Expert's Contact number:8790823202