

SAGI RAMA KRISHNAM RAJU ENGINEERING COLLEGE(A)

(AFFILIATED TO JNTUK, Kakinada & Recognized by A.I.C.T.E. Govt. of India)

(Accredited by N.B.A., A.I.C.T.E., New Delhi)

China Amiram, BHIMAVARAM, W.G. Dist., A.P., INDIA Pin:534204

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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Date:09-12-2020

CIRCULAR

Dear Students,

Warm Greetings from Department of Computer Science & Engineering, S.R.K.R. Engineering College (Autonomous), China Amiram, Bhimavaram-534204, Andhra Pradesh, India.

It is our great pleasure to inform you that a One-day SEMINAR on “**Problem Solving and Design Thinking**” is being organised by the Department of Computer Science & Engineering on 16th and 17th of the December,2020 at S.R.K.R. Engineering College, Bhimavaram.

Contents to be covered:

Date	Session 1 (10:00 AM to 12:00 PM)	Session 2 (2:00 PM to 5:00 PM)
16-12-2020	Design thinking: critical value through problem solving	A design thinking approach to problem solving
17-12-2020	Ethics in design thinking	Principles of design thinking

Head of the Department

Head of the Department
Computer Science & Engineering
S.R.K.R.Engineering College
BHIMAVARAM-534 204, A.P., INDIA

C.c.to:

All the Faculty & Students,

Notice Board,

Department Office.

Sagi Rama Krishnam Raju Engineering College(A)
Department of Computer Science and Engineering SEMINAR
ON
CYBER SECURITY AND CYBER CRIME INVESTIGATION

Name of Event	Problem solving and Design thinking
Type of Event:	Workshop
Event start date	16-12-2020
Event End date	17-12-2020
Event coordinator	L. Divya, Ch. Suma
Event Coordinator Mobile number	7382433662, 8712913336
Section/ Department Organized	Computer Science and Engineering
Collaboration/Association	NA
Description of the event	Annexure-I
Brochure	Annexure-II
Event Pictures	Annexure-III
Participants attended sheet & Feedback	Annexure-IV



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ANNEXURE-I

Problem solving and Design thinking helps the students to learn how to solve the problems in a simple way. This workshop helps how to think critically about the problems to give an optimal solution. Students learn the ethics and various steps involving in the critical thinking process. This workshop helps the students how problem solving and critical thinking are couples to each other. With this work workshop student learn to do the projects and becomes industry ready.

About Problem Solving and Critical Thinking:

Design thinking is a process by which designers approach problem solving. It incorporates analytical, synthetic, divergent and convergent thinking to create a wide number of potential solutions and then narrow these down to a “best fit” solution.

Design thinking is an iterative process in which you seek to understand your users, challenge assumptions, redefine problems and create innovative solutions which you can prototype and test. The overall goal is to identify alternative strategies and solutions that are not instantly apparent with your initial level of understanding. Thus, design thinking provides a solution-based approach to solving problems which helps you do so in a creative and collaborative way. Design thinking is more than just a process; it opens up an entirely new way to think, and it offers a collection of hands-on methods to help you apply this new mindset.

In essence, design thinking:

- ✓ Revolves around a deep interest to understand the people for whom we design products and services.
- ✓ Helps us observe and develop empathy with the target users.
- ✓ Enhances our ability to question: in design thinking you question the problem, the assumptions and the implications.
- ✓ Proves extremely useful when you tackle problems that are ill-defined or unknown.
- ✓ Involves ongoing experimentation through sketches, prototypes, testing and trials of new concepts and ideas.

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ANNEXURE-II



**SAGI RAMA KRISHNAM RAJU ENGINEERING
COLLEGE (A)**

A TWO DAY VIRTUAL WORKSHOP
on

PROBLEM SOLVING AND DESIGN THINKING

(16th December -17th December, 2020)

Speaker

Dr. INDRANEEL SREERAM

Professor, Dept. of CSE

St. Ann's College of Engineering and Technology, Chirala.

Organized by
Department of Computer Science & Engineering

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ANNEXURE-III



The slide features the college logo on the left. The main text is centered and reads: 'SAGI RAMA KRISHNAM RAJU ENGINEERING COLLEGE (A)', 'A TWO DAY VIRTUAL WORKSHOP on PROBLEM SOLVING AND DESIGN THINKING (16th December -17th December, 2020)', 'Speaker Dr. INDRANEEL SREERAM Professor, Dept. of CSE St. Ann's College of Engineering and Technology, Chirala.', and 'Organized by'. On the right, there are two video thumbnails: the top one shows a woman labeled 'Divya lanka' and the bottom one shows a man labeled 'INDRANEEL SREERAM'. At the bottom, a Zoom control bar is visible with options like 'Unmute', 'Stop Video', 'Security', 'Participants', 'Chat', 'New Share', 'Pause Share', 'Annotate', 'Remote Control', and 'More'. A green notification bar at the bottom of the control bar says 'You are screen sharing'.



The slide has a purple background. The title 'Problem that can be solved using Design Thinking' is at the top center. Below it is a bulleted list: 'Redefining value', 'Human-centred innovation', 'Quality of life', 'Problems affecting diverse groups of people', 'Involves multiple systems', 'Shifting markets and behaviours', 'Coping with rapid social or market changes', and 'Issues relating to corporate culture'. On the right, there are two video thumbnails: the top one shows a woman labeled 'Divya lanka' and the bottom one shows a man labeled 'INDRANEEL SREERAM'. At the bottom, a Zoom control bar is visible with a green notification bar that says 'You are screen sharing'.

Sagi Rama Krishnam Raju Engineering College(A)
Department of Computer Science and Engineering SEMINAR
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CYBER SECURITY AND CYBER CRIME INVESTIGATION

ANNEXURE-IV

Name of the event: Workshop on Problem Solving and Design Thinking

Date: 16-12-2020, 17-12-2020

S.No	RegdNo	Name	Department
1	18B91A0504	Alluri Sai Markandeya Narasimha Raju	CSE
2	18B91A0509	Atyam Satya Bhama Pranavi	CSE
3	18B91A0516	Beera Maharaj Karna	CSE
4	18B91A0520	Bodempudi Venkat Umesh Chandra	CSE
5	18B91A0524	Bonam Harshika	CSE
6	18B91A0529	Buddharaju Aparna	CSE
7	18B91A0536	Chalapaka Chandra Kumar Raja	CSE
8	18B91A0540	Chejerla Aakash Reddy	CSE
9	18B91A0583	Jaddu Devi Lakshmi Sujitha	CSE
10	18B91A0588	Kalapala Sruthin	CSE
11	18B91A0595	Kanuri Mahesh	CSE
12	18B91A0599	Kishore Das	CSE
13	18B91A05A5	Koppisetty Mani Kumar	CSE
14	18B91A05A9	Kotni Samhith	CSE
15	18B91A05B4	Ladi Puskar Gupta	CSE
16	18B91A05G1	Nittala Uma Reethika	CSE
17	18B91A05G5	Padavala Chidambara Phani Kumar	CSE
18	18B91A05G6	Paka Chakrapaul	CSE
19	18B91A05H2	Pattula Chinnari	CSE
20	18B91A05H7	Penmetsa Lakshmi Pranathi	CSE
21	18B91A05I4	Puvvada Janardhana Naga Veera Balaji	CSE
22	18B91A05I9	Rekapalli Pradeep	CSE
23	18B91A05J3	Sala Naresh Kumar	CSE
24	18B91A05J8	Sangepu Sai Venkat	CSE
25	18B91B0504	Batta Naga Venkata Vishnu Raj Charan	CSE
26	18B91B0508	Chakka Chaitanya Srinivas	CSE
27	19B91A0504	Addanki Swarna Sri	CSE
28	19B91A0509	Ambati Naga Veerendra Rohit	CSE
29	19B91A0516	Atikala Harsha Naga Satya	CSE
30	19B91A0520	Basava Jayanth	CSE
31	19B91A0524	Bhupathiraju Niharika	CSE
32	19B91A0530	Boppe Sri Vital	CSE
33	19B91A0568	Gorremucchu Salmon Raju	CSE
34	19B91A0572	Gubbala Mounika	CSE



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