



MHRD-IIC, DKMC, Vellore

D.K.M. College for Women (Autonomous), Vellore

Institution's Innovation Council (IIC) – 6.0, DKMC



**MHRD- INSTITUTION'S INNOVATION COUNCIL
&
DEPARTMENT OF COMPUTER SCIENCE AND APPLICATIONS**

ORGANIZED

**A WORKSHOP ON PROBLEM SOLVING AND IDEATION:
"CRACKING THE CODE"**

Date & Time : 24.10.2024 & 25.10.2024

02.00 PM to 05.00 P.M

Venue : D Block Conference Hall



Name of the Programme	:	Workshop on Problem Solving and Ideation: “Cracking the Code”
No. of Beneficiaries	:	184
Date	:	24.10.2024 & 25.10.2024
Time	:	02.00 PM to 05.00 PM
Venue	:	D block conference Hall

INVITATION

 **D.K.M. COLLEGE FOR WOMEN (AUTONOMOUS) VELLORE-1**
AFFILIATED TO THIRUVALLUVAR UNIVERSITY
(Accredited by NAAC with 'A' Grade)

 **MHRD-Institution's Innovation Council (IIC)**

&

DEPARTMENT OF COMPUTER SCIENCE AND APPLICATIONS
Organizes a Workshop
on
PROBLEM SOLVING AND IDEATION: “CRACKING THE CODE”

RESOURCE PERSON
Mrs. P. BOOMA, MCA., M.Phil(SET), MBA., M.Sc(Psy.),
Assistant Professor,
Department of Computer Science and Applications,
D.K.M. College for Women (Autonomous), Vellore.



Date : 24.10.2024 & 25.10.2024 **Time : 02.00 to 05.00 PM** **Venue : D- Block Conference Hall**

All are Cordially Invited



MHRD-IIC, DKMC, Vellore

**D.K.M COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE
(ACCREDITED BY NAAC WITH “A” GRADE)**

**REPORT ON WORKSHOP – PROBLEM SOLVING AND IDEATION: “CRACKING
THE CODE”**

Programme objectives:

- The workshop aims to deepen students' knowledge and understanding of the topic through active engagement with core issues.
- To acquaint participants with structured approaches for identifying, analyzing, and resolving challenges effectively.
- To foster critical and creative thinking, enabling participants to address challenges from diverse perspectives.

Programme outcome:

- The workshop strengthens teamwork abilities, resulting in more effective brainstorming and collaborative problem-solving.
- Participants show enhanced skills in identifying, analyzing, and addressing complex issues using structured methodologies.
- Participants develop actionable plans for selected ideas, outlining steps for execution and success metrics.
- The resource person expressed optimism that participants would adopt a growth mindset, preparing them to embrace challenges and learn from future setbacks.



MHRD-IIC, DKMC, Vellore

REPORT ON WORKSHOP – PROBLEM SOLVING AND IDEATION: “CRACKING THE CODE”

DKMC - MHRD - IIC and The Department of Computer Science and Applications collaboratively organized a workshop titled “Cracking the Code”, held on 24th and 25th October 2024, from 02:00 pm to 05:00 pm at the D Block Conference Hall. This engaging and interactive workshop was designed to unlock students’ potential in problem-solving and ideation skills, providing them with structured methodologies for analyzing and tackling challenges systematically.

The event began with Tamilthai Vaazhthu. Mrs. G. Sangeethalakshmi, Head & Assistant Professor, Department of Computer Science and Applications, delivered the welcome address, followed by an introduction of the Chief Guest, Mrs. P. Booma, by Mrs. S. Kalaiselvi, Assistant Professor of Computer Science and Applications. The workshop saw enthusiastic participation from students belongs to Computer Science and Applications.

On the first day, Chief Guest Mrs. P. Booma covered problem-solving methodologies and ideation, discussing topics including: SCAMPER, PDCA, Agile, Root Cause Analysis Design, Thinking and Critical Thinking. She enriched her session with real-time examples, emphasizing creativity and strategic thinking in problem-solving.

On the second day, Mrs. Booma delved into the Problem-Solving Process, covering: Problem Analysis, Problem Design, Algorithm Development, Flow of Control, Verification of Algorithms, Comparison of Algorithms, Coding and Testing . She also introduced students to the Caesar cipher method, incorporating code-breaking activities and an online quiz to enhance their understanding.

The workshop concluded with a vote of thanks by Mrs. R. Bhuvaneshwari, Head & Assistant Professor, Department of Computer Science and Applications. The event came to an end with the National Anthem.



PHOTOGRAPHS



Mrs. P. Booma Addressing About Methodologies and Ideation



Feedback Given by Student about the Workshop



Mrs. P. Booma Addressing About Problem solving Process



Feedback Given by Student on 2nd Day