



## Event Report on the Workshop on Coding "Queen of Codes" 11<sup>th</sup> October 2021

Program sponsored by  
AICTE-Scheme for Promoting Interests,  
Creativity and Ethics among Students  
(SPICES)

**DGCT - Aditi**  
(Women Empowerment Club)

**INSTITUTION'S  
INNOVATION  
COUNCIL**

**Rotary Club of Salem Wings**

**Entrepreneurship Development  
and Technology  
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(EDTIC)**

**DHIRAJLAL GANDHI  
COLLEGE  
OF TECHNOLOGY**  
Accredited by NAAC  
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai  
SALEM

**Queen of Codes**  
A Workshop on Coding

**11<sup>th</sup> October 2021**  
1:30 PM - 5:00 PM

**Smt. Archana Manojkumar**  
Secretary | DGCT

**Dr. A. Selvaraj**  
Principal | DGCT

**Rtn. R. Nirmala**  
President  
Rotary Club of Salem Wings

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**Resource Person**  
**Ms. B. Narmada, M.E., (Ph.D.,)**  
Oracle Certified Trainer & Microsoft Technical Associate  
HoD | CSE  
Dhirajlal Gandhi College of Technology  
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Department - Coordinators

**Ms. S. Narmadha** AP | Civil  
**Ms. G. Shanmugapriya** AP | EEE  
**Ms. D. Vijniraimathi** AP | MECH

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**Organized by:**

**ADITI-Women Development Club,  
Dhirajlal Gandhi College of Technology, Salem**

Aditi – Women Development Club of DGCT and Rotary Club of Salem Wings jointly organized the AICTE-SPICES sponsored workshop on coding “Queen of Codes” for the girl students of DGCT. The workshop was conducted on 11<sup>th</sup> October 2021 between 1.30 pm and 5 pm in the computer science laboratory.

The main objective of the workshop was to provide girl students the opportunity to learn coding and get jobs in the technology industry. Also, to enhance the girl students’ problem-solving skills and creativity.

Prof. B. Narmadha, Oracle Certified Trainer & Microsoft Technical Associate and HOD/CSE, DGCT was the resource person. She focused on the topics: women in coding, problem solving skills and fundamental C programming. The students got a chance to learn C programming concepts like Token, Control Structures, Arrays, Pointers, Functions, Structure, Union, etc., thoroughly. Meanwhile, the queries raised by the students were also answered in an efficient way by the resource person. The workshop was attended by 50 girl students from second year B.E., (CSE, ECE & EEE).

The participants were able to successfully code and run their programs. The workshop imparted a lot of knowledge about C programming and how to solve simple problems with C programming.

**Outcome:**

- Familiar with fundamental programming concepts and methodology (variables, assignments, conditions, branches, loops, functions, recursions, structures)
- Able to apply problem-solving knowledge and skills to write small, well-documented, effective C programs
- Able to write simple programs in the corresponding programming language to solve a task, given the constraints on the inputs
- Able to manually trace through a program to identify logical errors
- Able to differentiate between logical errors, syntax errors, and run-time errors

**Total no. of Participants: 50**

## Glimpses of Queen of Codes workshop

