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CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY
An Autonomous Institute | Affiliated to Osmania University
Kokapet Village, Gandipet Mandal, Hyderabad, Telangana-500075, www.cbit.ac.in

COMMITTED TO RESEARCH, INNOVATION AND EDUCATION
47 years

Approved by	Affiliated to	UGC Autonomous	12 Programs Accredited by	Grade A++ in	All India Ranking 151-200 Band	Certified by
AICTE	OU		NBA	NAAC	nirf	ISO 21001 : 2018

Value Added Course on
"Competitive Coding"

28 – 02 –2026 to 11 - 04 –2026
(Saturdays)

Resource Persons

Mr. Chitresh Apte
SDE, **Amazon**

Mr. D V Sushmanth Reddy
SDE, **Amazon**

Objective

To enhance participants' problem-solving and logical reasoning skills through competitive coding practices, familiarize with algorithmic thinking, data structures, and efficient coding techniques required to solve complex computational problems under time and memory constraints.

Topics to be covered

❖ Foundations & CP Mindset: Introduction to Competitive Programming, Problem Solving Approach, Core Data Structures (Arrays & Hashing).

❖ Core Patterns & Intermediate Techniques: Array Processing Patterns, Greedy Algorithms, Binary Search Techniques, Recursion & Backtracking, Dynamic Programming Fundamentals, Graph Fundamentals.

❖ Advanced Topics & Contest Readiness: Advanced Dynamic Programming, Tree Algorithms, Advanced Graph Algorithms

Organized by
Department of Computer Science and Engineering

Audience
Short listed Students of CSE-VI SEM

Coordinators

Prof. S. China Ramu, Professor

Dr. G. Kiran Kumar, Assoc. Professor

Dr. Kolla Morarjee, Assoc. Professor

Advisor

Prof. C. V. Narasimhulu
Principal

Co-coordinators

Dr. T. Suvarna Kumari
Sri. K. Kiran Prakash
Smt. S. Durga Devi
Smt. E. Swathi

Organizing & Technical Assistance

Smt. Ch. Madhavi Sudha
Smt. M. Naga Jyothi
Sri. P. Ramesh Babu

Registration Link

https://forms.gle/vWhrmdbbBHhd8FhX9

Registration Fee: Rs. 500
Scan for Payment

E-Certificates will be issued for all participants

Contact:
Dr. G Kiran Kumar
Ph. 9542333391