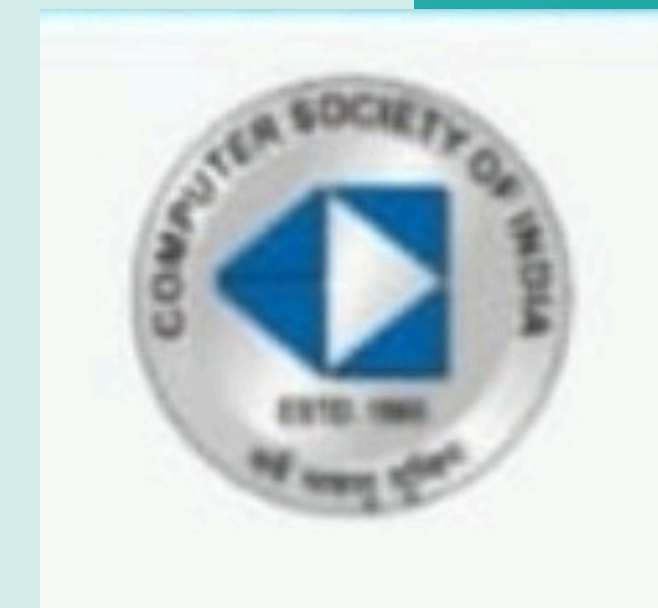




SRM MADURAI
COLLEGE FOR ENGINEERING AND TECHNOLOGY
Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai



Department of Computer Science and Engineering
&
Computer Society of India



Organizes a

Webinar on
“Bio Inspired Algorithms for Solving
Real World Problems”



Dr. Arunkumar Gopu
Associate Professor/ CSE
Dayananda Sagar University, Bangalore
23.07.2024 , at 2.00 PM-3.00 PM

Registration link:
<https://forms.gle/BRmiv4X3M1o1w1Ht5>

HOSTING PLATFORM:GOOGLE MEET

We cordially invite all faculty members to join the webinar..!

Co-ordinator

Dr.S.J.Subhashini

Associate Professor/CSE

SRMMCET

Co-Convener

Dr.C.Callins Christiyana

HoD-CSE

SRMMCET

Convener

Dr. S. DURAIRAJ

PRINCIPAL

SRMMCET

meet.google.com/zyx-fhbp-ktg

Arunkumar Gopu (Presenting)

Problem Statement

- Travelling Salesperson Problem (TSP)
- TSP is a problem of finding the shortest possible route that visits a given set of cities (or points) exactly once and returns to the starting city.
- TSP has practical applications in various fields, such as logistics, transportation, manufacturing, and circuit design, where finding an optimal route or order of visiting locations is essential.

2:10 PM | zyx-fhbp-ktg

People

Contributors 36

deepika A (You)

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Arunkumar Gopu Presentation

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Bharathy Vijayan

Callins Christiyana

CHALAMALA VENKATA...

DABBUGUNTA LAKSHM...

subhashini SRM

Callins Christiyana

Kundakarla Syam kum...

Suvika K V

Dr. J. Jane Rubel Ange...

Prof. Mala B A

27 others

deepika A

97°F Partly sunny

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Arunkumar Gopu (Presenting)

Yes, you heard it right!

Due to the exponential growth in computation time: 40 cities with 100 processors will take 2.4×10^{28} years.

- It's important to note that finding the shortest route for even moderately larger instances is not a tractable problem.
- TSP is a problem of finding the shortest possible route that visits a given set of cities (or points) exactly once and returns to the starting city.
- TSP has practical applications in various fields, such as logistics, transportation, manufacturing, and circuit design, where finding an optimal route or order of visiting locations is essential.

2:14 PM | zyx-fhbp-ktg

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