



Moodlakatte Institute of Technology

(A Unit of Moodlakatte Nagarathna Bhujanga Shetty Trust (R.))

(Approved by AICTE, New Delhi & Affiliated to VTU, Belagavi)

Moodlakatte – 576 217, Kundapura Taluk, Udupi District,
Karnataka

Date: 20.10.2019

Topic : Research Seminar on Importance of Computer Science'

Organized On : 19.10.2019

Resource Persons:

Name : Mr. Naveenchandra Kumar.

Designation : Assistant Professor.

Department : DEPT. of Studies and Research in Electronics.

Organization : Mangalore University, Mangalagangothri – 594119.

Participants : Second year students from CSE

No. of students – 69

Preamble

A problem is assigned to the NP (nondeterministic polynomial time) class if it is solvable in polynomial time by a nondeterministic Turing machine. A P-problem (whose solution time is bounded by a polynomial) is always also NP. If a problem is known to be NP, and a solution to the problem is somehow known, then demonstrating the correctness of the solution can always be reduced to a single P (polynomial time) verification. If P and NP are not equivalent, then the solution of NP-problems requires (in the worst case) an exhaustive search. Linear programming, long known to be NP and thought not to be P, was shown to be P by L. Khachian in 1979. It is an important unsolved problem to determine if all apparently NP problems are actually P. A problem is said to be NP-hard if an algorithm for solving it can be translated into one for solving any other NP-problem. It is much easier to show that a problem is NP than to show that it is NP-hard. A problem which is both NP and NP-hard is called an NP-complete problem.

Brief Profile of Resource Persons

Naveen Chandra C K working as Assistant Professor in M Sc Electronics, from Department of Studies and research in Electronics, Mangalore University. He has 17 years of experience in teaching. His areas of interest are Computational Complexity, NP – Complete problems, and Cryptography.

Organizing Committee

Convener : Prof. Melwin D' Souza, Head, CSE Department.

Coordinator : Mr. Dhruva P Achar , CSE Department.

Student Coordinators

Apoorva, Second Year CSE

Vinayak, Second Year CSE

Report

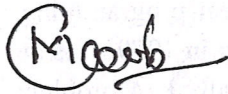
On occasion of TRICS inauguration ceremony, a technical talk was organised by CSE department on 19th of Oct 2019. Mr. Naveen Chandra Kumar, Assistant Professor, Department of Studies and research in Electronics, Mangalore University, obliged to deliver the talk on 'Challenges and Opportunities in Computer Science'. In his talk he brought out the theoretical problems of computer science which is related to P and NP problem. He also highlighted that mathematicians and computer scientists have come to the conclusion without proof, $P \neq NP$. He concluded his talk by stating that we all will hope $P \neq NP$ indeed. Students and faculties interacted with the resource person and got their questions answered. This interactive session was an eye opening for many of the students gathered there.


Feedback

Resource Person Feedback: The Session was well planned and properly executed. The response from students was good. The students asked many questions about future in Computer Science and its limitation. The resource person appreciated the students' interest in the topic.

Student Feedback:

Session was interesting and informative. Gained knowledge about Computer Science. The students also requested the department HoD to organise more such events in future.


HoD


Principal
Moodlakatte Institute of Technology
Moodlakatte, Kundapura - 576217
Udupi Dist, Karnataka



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Date: 15.10.2019

CIRCULAR

This is to inform all Faculties, and students of the Department of Computer Science & Engineering that a Research Seminar on Importance of Computer Science will be organised on 19th October 2019 in the Auditorium at 10AM. Mr Naveen Chandra Kumar, Assistant Professor, Department of Studies and Research in Electronics, Mangalore University would be the resource persons.

All are requested to participate in this talk.


Coordinator


HoD

To: NB/ to circulate among staff and students

Copy to: Department File



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Research Seminar on Importance of Computer Science on 19.10.2019

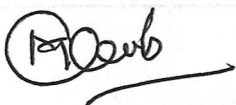
CSE Participant List


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1	Apoorva Manjunath Nayak	4MK18CS001
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3	Ashwini K B	4MK18CS003
4	H Upendra	4MK18CS004
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7	M Supraja	4MK18CS007
8	Mahesh Hegde V	4MK18CS008
9	Maneshwar C	4MK18CS009
10	Medini K A	4MK18CS010
11	Megha	4MK18CS011
12	Nagaveni Gopal Naik	4MK18CS012
13	Ranjita Karadad	4MK18CS013
14	Roshan Devadiga	4MK18CS014
15	Sameeksha M V	4MK18CS015
16	ACHARYA ANKUSH RATHNAKAR	4MK19CS001
17	AJAY KUMAR C	4MK19CS002
18	AKASH J	4MK19CS003
19	AKHILESH	4MK19CS004
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21	AMULYA SHETTY	4MK19CS006
22	ARCHANA	4MK19CS007
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24	AVINASH RATHOD	4MK19CS009
25	CHETANA	4MK19CS010
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28	DHRUVA SHETTY	4MK19CS013
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38	KAVYA S BALLOLLI	4MK19CS023
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41	MAHAMMED SAHEED	4MK19CS026
42	MAMATHA	4MK19CS027
43	MANI KEVALA	4MK19CS028
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45	MANOHARA S	4MK19CS030
46	MANOJ C S	4MK19CS031
47	MEGHANA SHET	4MK19CS032
48	MEHBOOB KHAN	4MK19CS033
49	MOHAMMED ISAQ	4MK19CS034
50	MOHAMMED ZIYAD	4MK19CS035
51	MUBARAK M	4MK19CS036
52	NEHA K V	4MK19CS037
53	NEHA MARUTHI BHOVI	4MK19CS038
54	NEHA S	4MK19CS039
55	PADMAVATHI	4MK19CS040
56	POOJARI SHRIKANT MAHADEV	4MK19CS041
57	PRIYANKA P S	4MK19CS042
58	RAKSHITHA	4MK19CS043
59	RAKSHITHA	4MK19CS044
60	SAHANA R NAIK	4MK19CS045
61	SALMAN SAIKALGAR	4MK19CS046
62	SAMARTH PRASHANT SAVANT	4MK19CS047
63	SANJAY B	4MK19CS048
64	SHREYA U KAMATH	4MK19CS049
65	SNEHA G	4MK19CS050
66	SNEHA G S	4MK19CS051
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