



Shankersinh Vaghela Bapu Institute of Technology

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A Report on “Application of Mathematics in Google Map”

All Students

Organized By

Science & Humanities Department

Application of Mathematics in Google Map:

Mathematics has always been taught as a subject for engineering students. We believe that this is because of lack of knowledge about need of mathematics in the real world and the world of innovations in terms of technology. To overcome this issue, we tried to make students aware about different application based topics. Mathematics is used in developing path finding algorithms from middle of 17s'.

The webinar was an attempt to bring the fact about applications of mathematics in Google maps. Also the history of evolution in path finding algorithms is inspiring for students of different disciplines. Through the webinar two basic algorithms (Dijkstra's Algorithm and A* Algorithms) were discussed which are used in many real world and technical areas for the shortest and fastest path finding.

As per the guidance of Dr Kinjal Adhvaryu Madam (Principal of SVBIT), SVBIT organized the webinar on “Application of Mathematics in Google Map”. The webinar was organized on 14st August, 2021. Dr. Dhruvi Patel conducted this webinar as an expert and 109 students participated in this webinar.

Photo Gallery:

dhruuti is presenting

dhruuti

Kathan

You

Shashan | 54 others

Shortest path from A to E

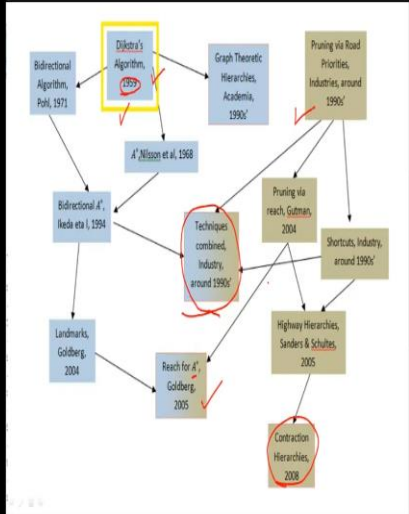
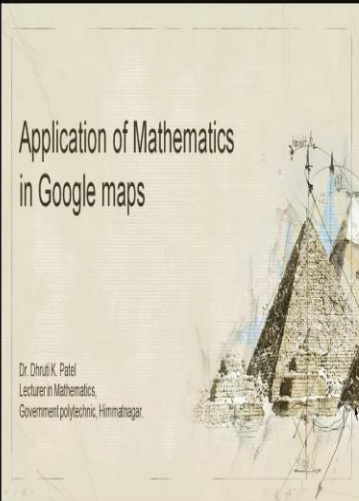
	A	B	C	D	E	F	G	H
A	0 _A	8 _A	∞ _A	∞ _A	∞ _A	∞ _A	6 _A	1 _A
H	∞ _H	4 _H	∞ _H	4 _H	∞ _H	∞ _H	6 _A	2 _A
B	∞ _B	∞ _B	5 _B	4 _B	∞ _B	∞ _B	6 _A	∞ _B
D	∞ _D	∞ _D	5 _D	4 _D	8 _D	11 _D	6 _A	∞ _D
C	∞ _C	∞ _C	∞ _C	∞ _C	8 _D	11 _D	6 _A	∞ _C
G	∞ _G	∞ _G	∞ _G	∞ _G	8 _D	7 _G	6 _A	∞ _G
F	∞ _F	∞ _F	∞ _F	∞ _F	8 _D	7 _G	∞ _F	∞ _F
E	∞ _E	∞ _E	∞ _E	∞ _E	∞ _E	∞ _E	∞ _E	∞ _E

dhruuti is presenting

Oza ab...

dhruuti

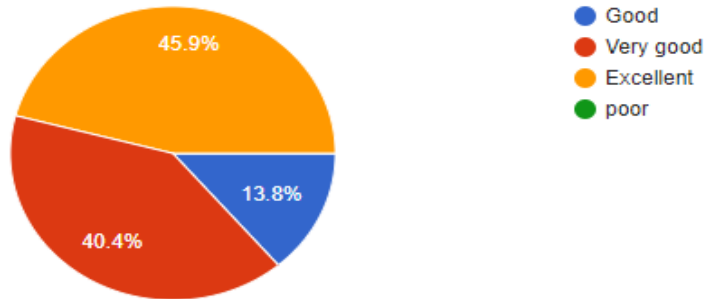
You



Feedback of the webinar:

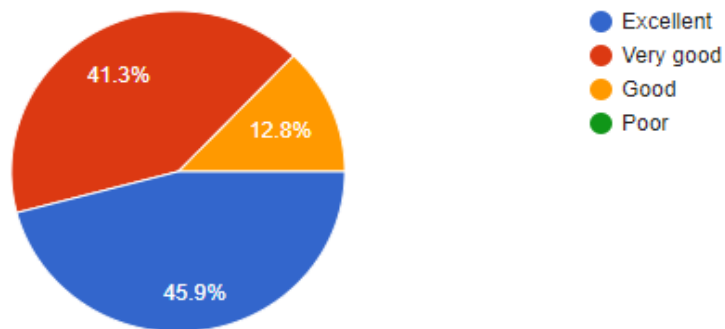
The session was.....

109 responses



Do you like speaker's presentation skills?

109 responses



Would you like to learn more about this topic?

109 responses

