

Report for Webinar on Algorithms and its Uses

04.06.2021

Conducted on 03rd June 2021

Organized by School of Computer, Information and Mathematical Sciences (SCIMS),
Department of Computer Applications

Faculty Coordinators

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Conveners

Dr. Venkatesan Selvam, Dean/SCIMS
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PREAMBLE

Webinar on **Algorithms and its uses** was held on **03rd June 2021**, during 10.30 am –12 pm. It was organized by the Department of Computer Applications, School of Computer, Information and Mathematical Sciences. The main objective of this webinar is to make the students understand the importance of algorithm, its types and its use.

The Resource Person of the webinar was **Mr. A. Daranivasan**, Sr. Business Analyst, ADP Pvt. Ltd., Hyderabad.

The report discusses about the following aspects of the programme:

1. [Course Content and Online Delivery Mode of the Webinar on Algorithms and its uses.](#)
2. [Online Participants Registration Process for the Webinar on Algorithms and its uses.](#)
3. [Certification for the Webinar on Algorithms and its uses.](#)
4. [Analysis of Feedback from participants for the Webinar on Algorithms and its uses.](#)
5. [Sample Screenshots taken during Webinar on Algorithms and its uses.](#)

1. Course Content and Online Delivery Mode of the Webinar on Algorithms and its uses.

This webinar provided the participants with increasing the present knowledge about Algorithms and its uses. The speaker of the session started by poking the general ways of implementing algorithm in day-to-day life, for calculation, data processing, and automated reasoning. Resource person explained different types of algorithms with real time examples. The speaker presented from basic algorithms to machine learning algorithms. This webinar provided the participants with interesting facts about algorithms and its uses in business domain. The participants was provided with the course content and slides, which were shared online.

2. Online Participants Registration Process for the Webinar on Algorithms and its uses.

The Brochure highlighting the necessary information about the Webinar on Algorithms and its uses was designed and circulated. The Brochure is displayed below:

SCHOOL OF COMPUTER, INFORMATION AND MATHEMATICAL SCIENCES
Department of Computer Applications

webinar on
“ALGORITHMS AND ITS USES”
 On 3rd June 2021, at 10.30 am

Resource Person



Mr. A. Daranivasan
 Sr. Business Analyst
 ADP Pvt Ltd, Hyderabad

Conveners
 Dr. Venkatesan Selvam, Prof & Dean, SCIMS
 Dr. Latha Tamilselvan, Prof. & Head, CA

Coordinators
 Dr. A. K. Reshmy, AP/CA
 Dr. Sudha Rajesh, AP/CA
 Ms. S. Sabaria, AP/CA

Registration Link : <https://forms.gle/1vMsXzmdwfnw2RDu8>
 E-certificate will be provided for all participants
 Admissions open 2021, www.crescent.education

There was no **Registration Fee** for the participants attending the Webinar on Algorithms and its uses. Interested participants were requested to register their details in a google form, which was shared through the link: <https://forms.gle/1vMsXzmdwfnw2RDu8>. A total of 133 participants have registered for this event, 46 participants attended this Webinar.

Summary of Participants	Total No. of Institutions	11
	Participants from other state	01
	Participants within TamilNadu	24
	BSACIST	22

The details of confirmed participants are given in [Annexure A](#).

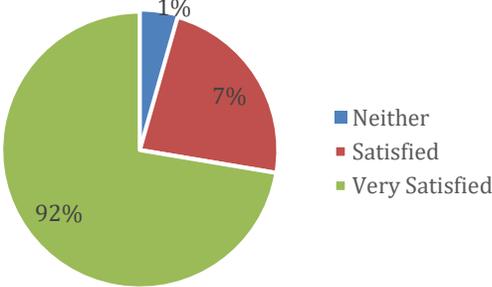
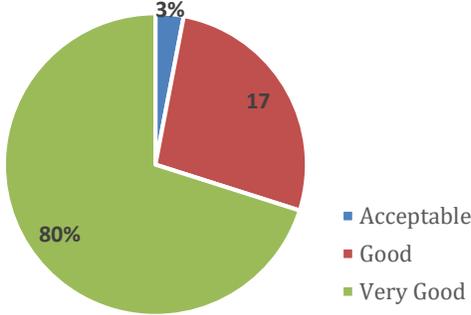
3. Certification for the Webinar on Algorithms and its uses.

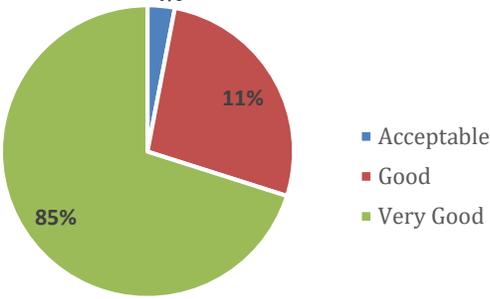
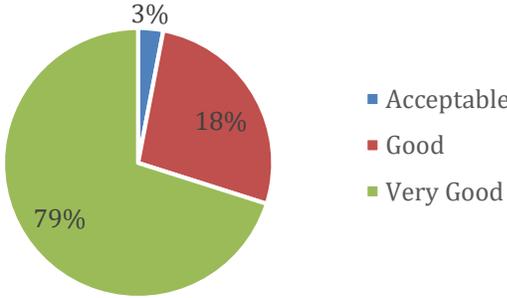
The certificate was made available to the active participants.

The sample certificate issued to the participants after the successful completion of online test is given in [Annexure B](#).

4. Analysis of Feedback from participants for the Webinar on Algorithms and its uses.

The feedback about the webinar was collected from the participants in order to improve the further conduct of these types of events.

Feedback Points	Analysis		Inference						
How satisfied were you with the event?	<p style="text-align: center;">How satisfied were you with the event?</p>  <table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td>■</td><td>Neither</td></tr> <tr><td>■</td><td>Satisfied</td></tr> <tr><td>■</td><td>Very Satisfied</td></tr> </table>		■	Neither	■	Satisfied	■	Very Satisfied	<p>92% of the participants were fully satisfied and 7% felt it was very good. Almost 99% of the participants are satisfied with the event.</p>
■	Neither								
■	Satisfied								
■	Very Satisfied								
How relevant and helpful do you think it was for your knowledge gaining?	<p style="text-align: center;">How relevant and helpful do you think it was for your knowledge gaining?</p>  <table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td>■</td><td>Acceptable</td></tr> <tr><td>■</td><td>Good</td></tr> <tr><td>■</td><td>Very Good</td></tr> </table>		■	Acceptable	■	Good	■	Very Good	<p>The session was extremely relevant and helpful to 80% of the participants, and 17% of the participants felt it was very much helpful. Overall 97% participants gained knowledge through this event.</p>
■	Acceptable								
■	Good								
■	Very Good								

<p>How satisfied were you with the session content?</p>	<p style="text-align: center;">How satisfied were you with the session content?</p>  <p style="text-align: right;"> ■ Acceptable ■ Good ■ Very Good </p>	<p>85% of the participants felt the session was excellent and 11% felt good. Almost 96% of the participants were very much satisfied with the event.</p>
<p>How did you rate the overall assessment of the event?</p>	<p style="text-align: center;">How did you rate the overall assessment of the event?</p>  <p style="text-align: right;"> ■ Acceptable ■ Good ■ Very Good </p>	<p>79% participants felt it was very good. 18% of the participants felt overall event is very satisfactory.</p>

The overall organization and deliverance was satisfying to 98% of participants. Also, the session which was deliberated and given to the participants would be used for teaching hands on to the students as well as can be applied for the research work.

5. Sample Screenshots taken during Webinar on Algorithms and its uses

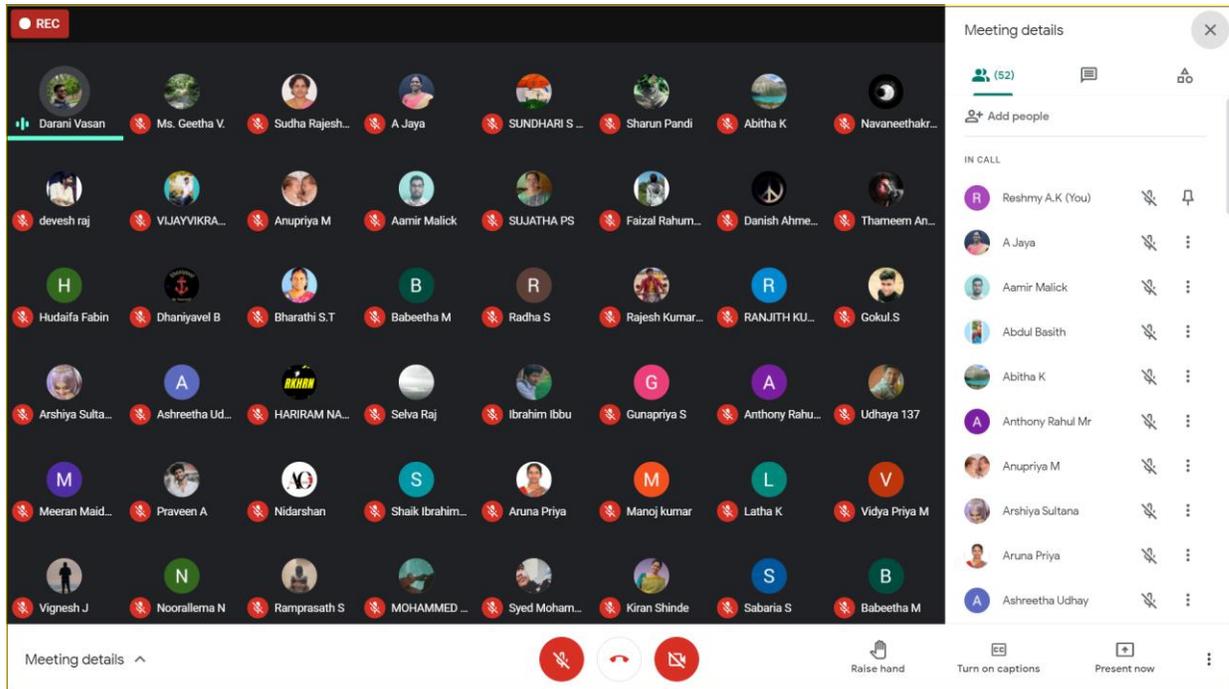


Fig. 1: Introduction about Algorithm

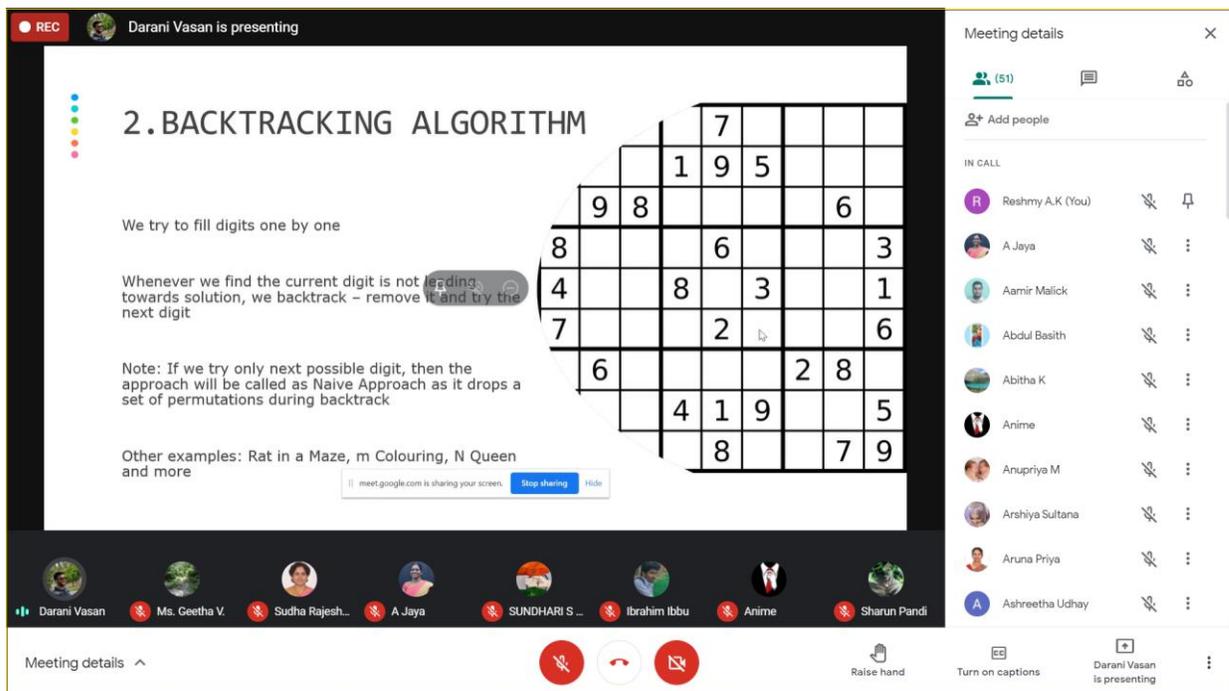


Fig. 2: Different types of algorithm with real time example

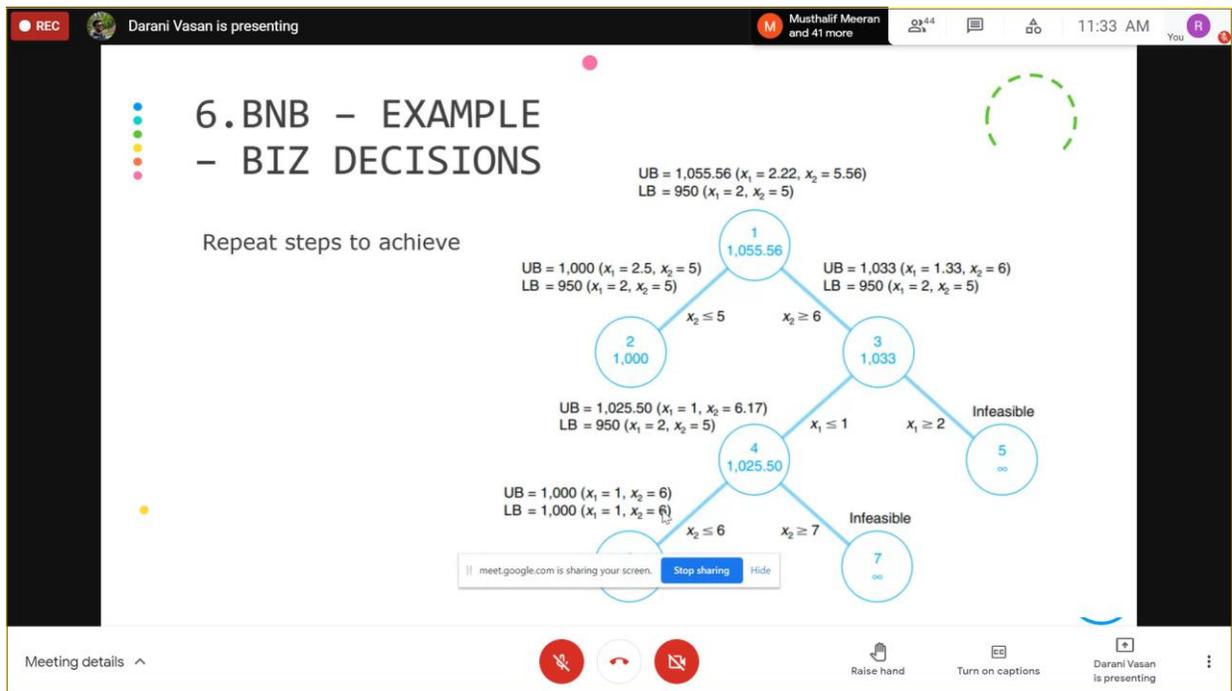


Fig. 3. Discussion on how BnB algorithm is used for Biz Decision with an example

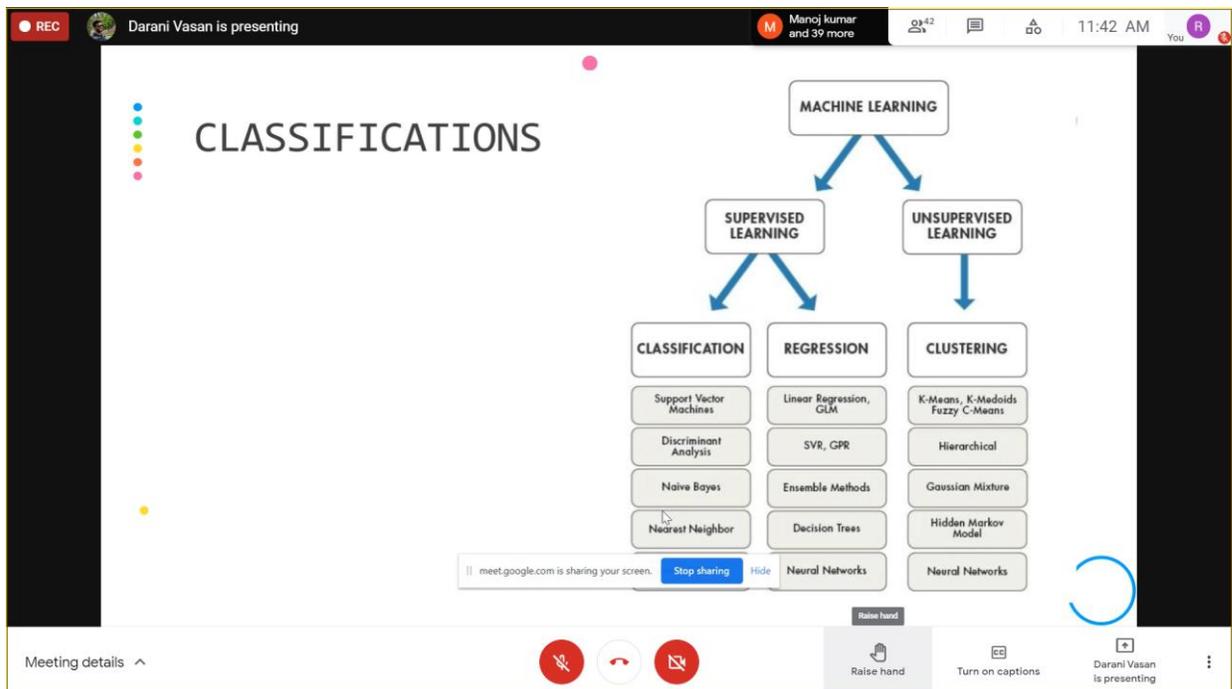


Fig. 4: Machine learning algorithms

Annexure A

List of Participants:

S.No	Participant Name	Designation	Organisation	e-Mail
1	Mr. K. Ibrahim	Student	B. S. Abdur Rahman Crescent Institute of Science and Technology	ibrahim7ibbu7@gmail.com
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Annexure B

Sample Participation Certificates:



Fig. 5: Certificate of Ms. K. Latha, Student, B.S. Abdur Rahman Crescent Institute of Science and Technology



Fig. 6: Certificate of Mr. Jhalak Dutta, Assistant Professor, Heritage Institute of Technology

Coordinators

Dr. A.K. Reshmy, AP/ CA

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