



GOVERNMENT ARTS AND SCIENCE COLLEGE

[Affiliated to Bharathiar University, Coimbatore. Recognized by UGC with 2(f) and 12(b)]

Mullipuram, Kangeyam-638108, Tirupur Dt.

Website: WWW.GASCKGM.ORG

அரசு கலை மற்றும் அறிவியல் கல்லூரி, காங்கேயம்

EK BHARAT SHRESHTHA BHARAT CLUB

Event name	National Level WEBINAR ON “MATHEMATICS – The Core Foundation for Machine Learning”
Date	03 rd October 2020 – 11.15AM TO 12.15PM
No.of Participants	82 Participants

Report

- ✚ EK BHARAT SHRESHTHA BHARAT CLUB has conducted National Level webinar on the Topic “MATHEMATICS – THE CORE FOUNDATION FOR MACHINE LEARNING” on 03rd October 2020 from 11.15am to 12.15pm
- ✚ Totally 82 participants attended and all active participants were issued with E-Certificates.

INVITATION



**GOVERNMENT ARTS AND
SCIENCE COLLEGE**
[Affiliated to Bharathiar University, Coimbatore & Recognized by
UGC with 2(f) and 12(b)]
MULLIPURAM, KANGAYAM – 638108
TIRUPPUR DT., TAMILNADU
Website: www.gasckgm.org

PG AND RESEARCH DEPARTMENT OF MATHEMATICS
&
EK BHARAT SHRESHTHA BHARAT CLUB
Jointly organize a National level webinar on

**MATHEMATICS – THE CORE
FOUNDATION FOR MACHINE LEARNING**

SATURDAY, 03 OCTOBER 2020
11.15AM -12.15PM



GUEST SPEAKER

Mr. SRIRAM RANGANATHAN
PRINCIPAL ENGINEER
INTEL TECHNOLOGIES INDIA PVT LTD.
BANGALORE, KARNATAKA.

➤ Free Registration and it's Mandatory.

➤ E-Certificate will be sent through registered mail to all the participants.

Dr.P.SENTHILKUMAR
COORDINATOR/ERRE

Prof. V.SEENIVASAN
HOD/MATHEMATICS

Dr.K.JAYANTHI
PRINCIPAL UC

Touch /Click for Registration:

REGISTER HERE 



E – CERTIFICATE



GOVERNMENT ARTS AND SCIENCE COLLEGE
[Affiliated to Bharathiar University, Coimbatore. Recognized by UGC with 2(f) and 12(b)]
MULLIPURAM, KANGEYAM – 638108, TIRUPPUR DT., TAMILNADU.
Website: www.gasckgm.org

CERTIFICATE OF PARTICIPATION

THIS IS AWARDED TO

LALNUNPUIA CHAWNGTHU

M.Sc. Mathematics / STUDENT, DEPARTMENT OF MATHEMATICS
UNIVERSITY OF DELHI, DELHI

*for his/her active participation in the National level webinar on
“MATHEMATICS – The Core Foundation for Machine Learning”, organized by
PG and Research Department of Mathematics and Ek Bharat Shreshtha Bharat
Club, Government Arts and Science College, Kangeyam on 3rd October 2020.*

Dr.P.SENTHILKUMAR
COORDINATOR/EBSB

PROF.V.SEENIVASAN
HOD/MATHEMATICS

Dr.K.JAYANTHI
PRINCIPAL I/C

No signature is required for this digitally generated certificate.

EBSB-GASCM10027




PHOTOS

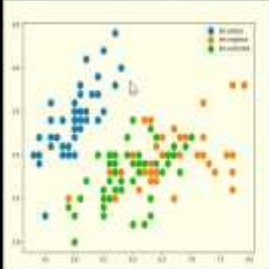
REC LIVE

Example 3 – K Nearest Neighbour

- Observations with similar characteristics will tend to have similar outcomes
- It captures the **idea of similarity** (sometimes called distance, proximity, or closeness)



sepal length	sepal width	petal length	petal width	class
5.14	3.53	4.37	1.49	virginica
4.92	3.30	4.80	1.32	virginica
5.35	3.66	4.76	1.48	virginica
5.10	3.53	4.52	1.33	virginica
5.15	3.43	4.41	1.30	virginica
5.24	3.57	4.63	1.36	virginica
5.00	3.44	4.40	1.30	virginica
5.17	3.54	4.54	1.47	virginica
5.14	3.47	4.41	1.30	virginica
5.24	3.58	4.61	1.45	virginica



Distance functions:

- Euclidean** $\sqrt{\sum_{i=1}^k (x_i - y_i)^2}$
- Manhattan** $\sum_{i=1}^k |x_i - y_i|$
- Minkowski** $\left(\sum_{i=1}^k |x_i - y_i|^p \right)^{1/p}$

Presentation (Sriram Ranganathan)

MACHINE LEARNING

People (82) Chat (3)

Add people Host controls

- M M SURESH mms.sh (You)
- S 4E Kavir Shankar S E
- A MANIMARAN manimaran.sh
- Abila A
- Aishwarya Ashu
- Akhaya P
- Ananthi Pandi
- Angelin Marina
- A Ani Jelcia J

