

**"Education through self-help is our motto"- KARMAVEER  
RAYAT SHIKSHAN SANSTHA'S  
RAJARSHI CHHATRAPATI SHAHU COLLEGE, KOLHAPUR  
DEPARTMENT OF STATISTICS**

**Organized  
Guest Lecture on  
EM Algorithm and its Practical Application  
Academic year 2022-23  
REPORT**

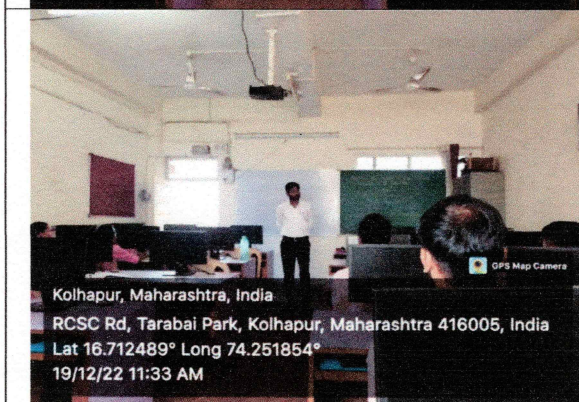
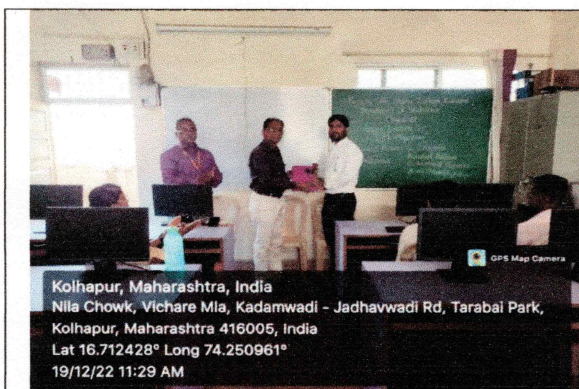
Department of Statistics organized the guest lecture of Mr. S. V. Rajguru, Assistant Professor, Department of Statistics, Shivaji University, Kolhapur, on "EM Algorithm and its Practical Application" for M. Sc. I, students on 19<sup>th</sup> December 2022 at 11:00 a.m. The main objectives of this lecture are:

- i. To understand the concept of Expectation Maximization Algorithm
- ii. To get application of EM Algorithm
- iii. To evaluate EM Algorithm using R-Software

Following members are present for the occasion of this guest lecture Prin. Dr. L. D. Kadam, Principal, R. C. Shahu College, Kolhapur, Mr. Chougule P. S., Head, Department of Statistics, Dr. Kurane T. S., Mr. Powar A. V., Smt. Mujawar S. R., Smt. Bhosale A. S., Smt. Amate S. A., Smt. Gadhari G.A., Smt. Patil S. S. and M. Sc. I students.

**Outcomes:** Students are easily understand and familiar with EM Algorithm and its practical application with R-Software.

**Total number of  
beneficiaries is 28.**



  
**Head**

Department of Statistics  
Rajarshi Chh. Shahu College, Kolhapur





**Principal,  
Rajarshi Chh. Shahu College  
Kolhapur.**