

GOVERNMENT KNM ARTS & SCIENCE COLLEGE
Kanjiramkulam, Thiruvannthapuram

Report of **THREE DAYS NATIONAL SEMINAR**
MATHEMATICS DEPARTMENT

Internal Quality Assurance Cell

2018- 2019

Report on Three day National Seminar on SageMath

A three day National Seminar on SageMath was conducted by department of Mathematics on 21st to 23rd of November 2019.

The National seminar was inaugurated by Dr. A R Rajan, Director, State Encyclopedia(Former Professor & Head , Department of Mathematics, University of Kerala).

Forty participants attended the programme



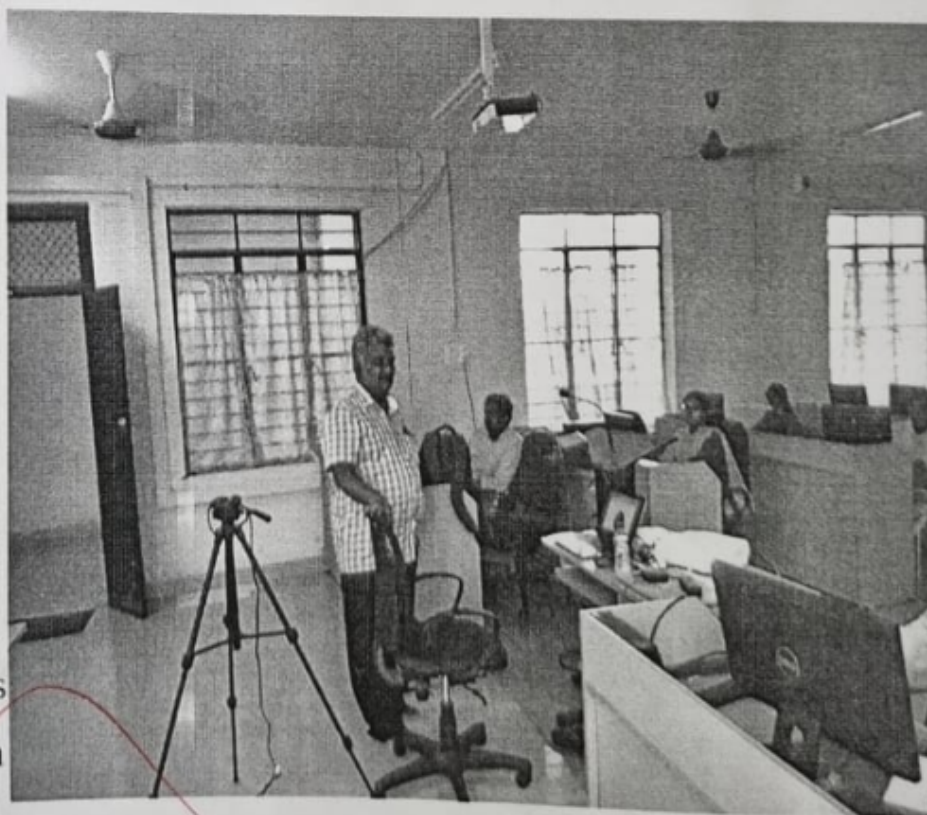
The welcome speech was delivered by Smt. Jeeja AV, HoD of Mathematics, KNM Govt. Arts & Science College, Kanjiramkulam. The Presidential address was made by the Principal Dr. S A Shajahan

were offered by Dr. P. S. Sreenivasan, (Assitant Professor, Department of Mathematics, Bharathidasan University, Thiruchirapally), Smt. Thushara (HoD Commerce), Smt. Rekha V G(HoD English), Sri. AnilKumar (HoD Economics).



The Vote of thanks was proposed by Dr. Sheena S Sukumaran(HoD of Physics) to all who supported to organize the programme

The first day session was handled by Dr. P. S Sreenivasan. How to use Sage was the first session. He introduced Sage in a simple & practical way. The participants got ample guidance for further thinking. He extended his views to the basic plotting in sage

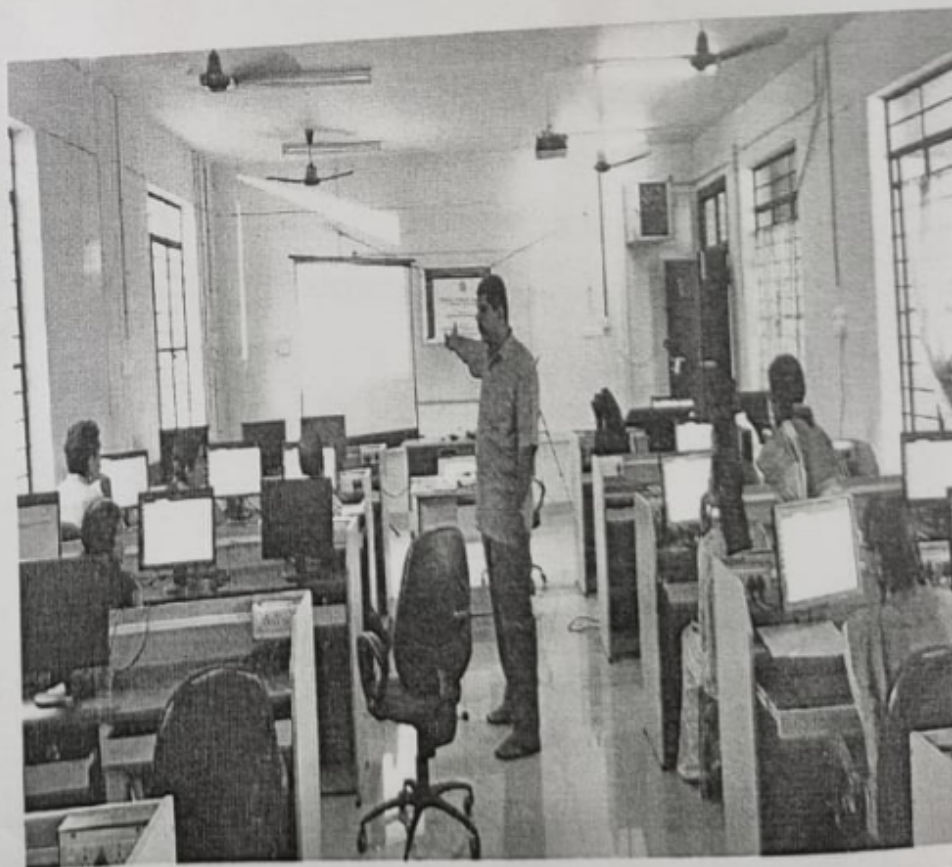


After lunch break he was explained advanced plotting in sage

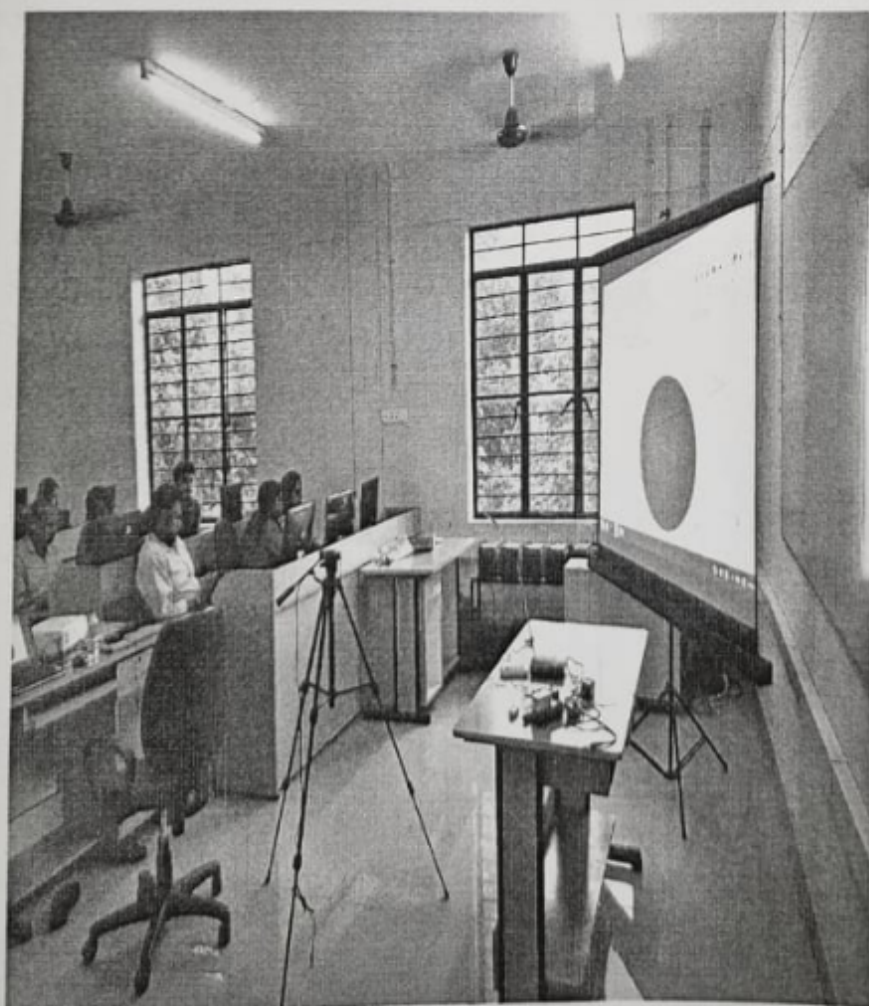
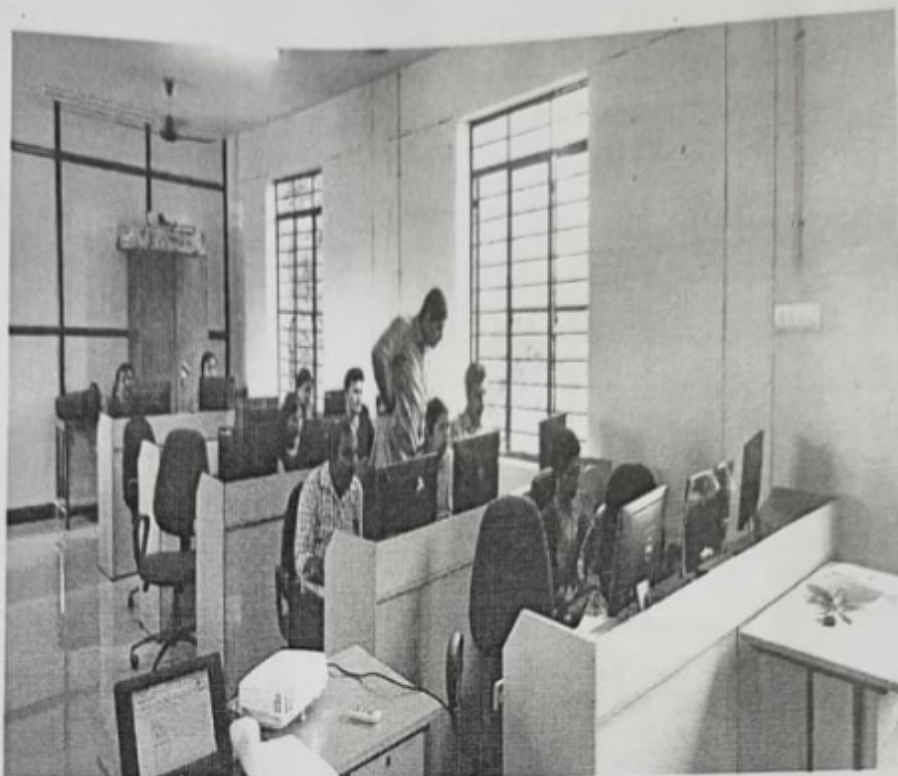


At the end of this session the participants realised that the sagemath is a mathematical tool for reducing the complexity of Mathematical concepts.

The second day session was handled by Dr. Vishnu Namboothiri K, Assistant Professor, Department of Mathematics, Government College Ambalappuzha.



He was connected
sageMath with
various branches
like Number
Theory, Complex
Numbers,
Differential
Calculus and
Vector Calculus.



On the third day, the
forenoon session was
commenced by Sri. Sumesh
S Assistant Professor,
Department of Mathematics,
St. John's College, Anchal.

He was explained the
command in sageMath for
Number
Theory. After tea break, he
was discussed the
command for solving
problems in Algebra.

In the afternoon the participants were addressed by Sri. Preenu C S, Assistant Professor, Department of Mathematics, University College, Thiruvananthapuram.

The session was about
Calculus. The
participants got crystal
clear picture and wide
aspects of SageMath..



In the Valdictory session the participants were given an opportunity to comment on the seminar. A positive response was received from all of the participants. Softcopy of the study material was distributed to all participants. Its copy attached with this report.