

GOVERNMENT KNM ARTS & SCIENCE COLLEGE
Kanjiramkulam, Thiruvannthapuram

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

Internal Quality Assurance Cell

2018- 2019

Report on Three Day National Seminar "e-learning
and computational techniques" 2018-19, KNM Govt
Arts and Science College, Kanjiramkulam

by

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Govt. Arts and Science College Kanjiramkulam

Govt. Arts and Science College Kanjiramkulam established in the year 1962 and affiliated to University of Kerala, Thiruvananthapuram. Recently, the college is awarded with NAAC B++ grade and is under 2F category of UGC. The college is situated in the western part of Thiruvananthapuram district. The college is about 10 KM from Belaramangal and 2 KM from Pulluvila on Thiruvananthapuram-Kanyakumari bypass road.

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Three Day National Seminar

on

e-learning and computational techniques

28th to 30th November 2018

organised by

Department of Physics

KNM Government Arts and Science
College Kanjiramkulam



sponsored by

Directorate of Collegiate Education,
Government of Kerala

www.knmgovtcollege.ac.in

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0.1 Introduction

Innovations in information, communication and computational technologies is happening at a lightning fast pace. Our higher education system need to adapt with this technological advancements. The proposed seminar intended to address this gap. Our institutions are being equipped with modern ICT devices, also the availability and speed of internet is improving. Hence a seminar on current trends in these technologies and techniques will be useful for the higher education academic community.

0.2 scope

The seminar intended to cover topics from effective handling and practical issues using smart devices such as smart boards and ICT devices to online free plagiarism checking tools at the research level. The seminar will provide a platform for teachers from diverse disciplines to discuss and share their experience regarding handling smart class room sessions to understanding of new learning management platforms such as MOODLE etc. Also the seminar provides a platform to discuss various e-resources freely available and a discussion regarding the same with experts. That may be useful for researchers, students and teaching community.

0.3 Publicity

The seminar of a general nature. The topic of the seminar is such that faculty members from all subjects can participate. The target audience for the seminar is faculties of various departments from inside the campus and other colleges in and outside state, research scholars and students. A brochure in the given format is prepared and send to various aided and government higher education institutions inside and outside kerala.

Apart from that publicity is given via sharing the e-form of the brochure regarding the seminar via electronic form such as college group e-mail, email and 'Whats App' etc.

0.4 Total Outlay

As per the discussion in the college council, the council allocated Rs. 60,000 for the conduct of the seminar.



Figure 1: sample brochure

0.5 Seminar sessions and activities performed

0.5.1 28/11/2018- First Day

First day of the seminar was divided into four sessions. The first session was the inaugural session. Dr. P A Padmakumar, Registrar, APJ Abdul Kalam , Technological University, Thiruvananthapuram was the chief guest. He also delivered the keynote address regarding e-learning. Principal Dr. S A Shajahan delivered the presidential address. Dr. D Sajeer, seminar coordination delivered the welcome address and introduction to the seminar. Head of various departments of the college and Vice-Principal delivered the felicitation address. Faculties from various departments and colleges, research scholars and students attended the function. The inaugural session start by 9.45 AM and concluded by 11.15 AM for a tea break.

Next session of the day was handled from 11.30 to 1.00 PM by Dr. Jijo P U, Assistant Professor, Department of Physics, Govt. College Kasaragod. The topic of discussion was 'smart class rooms and ICT- techniques'. He elaborated on the technical aspects of various ICT devices and how to handle equipments in smart ways and there was discussion regarding various trouble shooting.

The third session on the first day was also handled by Dr. Jijo P U, regarding 'Webpage design and content management'. Nowadays the teachers can post the learning materials in their own website and round the clock interaction with students possible. The session focus on the technical aspects of creation and maintenance of website and its content management. The session starts by 1:30 PM and concluded by 3.00PM

The fourth and final session of the day was handled by Mr. Sumesh S S, Assistant



Figure 2: Inauguration by Dr. G P Padmakumar

Professor, Dept. of Mathematics, St. Johns College Anchal. The session gave an idea about various computational methods and a hands-on session with Python open source programming language. The session was particularly useful for final year mathematics students.

0.5.2 29/11/2018- Second Day

Second day's sessions was completely devoted to discuss Learning Management Software. A session on Technology enhanced learning was handled by Dr. Ashkarali P from Department of Electronics, Govt College Tanur from 9.45AM to 11.15 AM. He is a 'FLAIR' trainer on MOODLE learning management software. From 11.30 AM to 1.00 PM a session on Tools for TEL conducted. After noon two sessions completely used to impart hands on training from 1.30 to 4.45 PM. The hands on session was conducted at the Mathematics Computer laboratory of the college with a laboratory assistant.

0.5.3 30/11/2018- Third Day

Third day sessions related with various digital resources, Library repositories, free plagiarism checking and reference management tools. Dr. Ramanan C from VIT University Vellore handled session. Morning two sessions he elaborate on e-learning



Figure 3: Presidential Address by Dr. Shajahan S A

and digital resources and after noon sessions discussions on database and institutional repository and free plagiarism and reference management tools discussed.

0.6 Actual Fund utilization

An amount of Rs.82504 was expended by the coordinator for the conduct of the seminar on "e-learning and computational techniques" during 28th-30th November 2018. The amount utilized only for which it was sanctioned, without exceeding limits under various heads shown in the expenditure statement. The amount allocated was Rs. 60,000/-.

0.7 Constraints and Suggestions

Funds allocated are not sufficient to conduct a seminar for three days.



Figure 8: Dr. Ravanaan C handling sessions



Figure 9: Dr. Ravanaan C handling sessions on digital resources