

**REPORT OF ACTIVITIES THE DEPARTMENT OF MATHEMATICS - K.A.H.M UNITY WOMEN'S
COLLEGE,MANJERI
(2020-2021)**

MEMBERS OF THE DEPARTMENT:

SL	NAME	POSITION	DESIGNATION
1	MR.ABDUL ROF V	HEAD OF THE DEPARTMENT	ASSISTANT PROFESSOR
2	MS.SAI GANGA	FACULTY MEMBER	ASSISTANT PROFESSOR (on contract)
3	MS. RESHMA R	FACULTY MEMBER	ASSISTANT PROFESSOR (on contract)
4	SOJNA SURENDRAN	FACULTY MEMBER	ASSISTANT PROFESSOR (on contract)
5	FARSANA	FACULTY MEMBER	ASSISTANT PROFESSOR of Statistics (on contract)

VISION:

- The students will be able to assimilate and appreciate mathematical skill and thereby boosting the learning of applied sciences.
- The students acquire competencies like programming, preparation of algorithms, derivations of results etc. and prepare themselves for higher studies.
- Students can enhance logical thinking through an integrated approach between various branches of science to foster scientific outlook.

MISSION:

- Students will get guidance and support students to enhance their mathematical skills.
- Students can develop problem solving skills and content knowledge of the subject and thereby prepare for higher studies and career opportunities.

Introduction

Department of Mathematics was established in 1993-94 as subsidiary to BSc Chemistry. In 2014-15 BSc Mathematics Course was started. Right from its beginning, department has organized several events focusing on the mission and vision of the Department.

Activities -2020-2021

1. **Webinar on 'Earn from Your Math Talent' on 30/06/2020:** Online Problem Solving is one of the most lucrative careers for math students. The webinar 'Earn with your Math Talent' was set up during the lockdown to take

into account its potential. The webinar, organized in collaboration with the alumni, was attended by 72 participants, including students and alumni from the department. Mr. Mushthaq Ali. M.P, the faculty member of the Department was the resource person.

WEBINAR

EARN FROM YOUR MATH TALENT

Be a Q&A expert

Department of Mathematics
& Alumni
KAHM UWC, Manjeri

Resource person : Mushthaq Ali A P
Asst. Professor, KAHM UWC, Manjeri

Register Online At <https://forms.gle/8Z3481dx7sXqcHFh9>

DATE : 30/06/2020
TIME : 3 PM

Platform : Zoom App

first-come, first served basis

Be the first 100 privileged participants
REGISTER NOW !

Registration available till 4PM
Wednesday

2. **National webinar entitled ‘Applications of Number Theory & Algebra in Computer Science’ on on 6/10/2020, in Collaboration with KSCSTE:** The programme organized through zoom was attended by 273 participants from various states. Dr. Anjali Kishore, Assistant Professor, Department of Mathematics was the resource person. The main objective of the programme was to support the advanced learners of the Department.



DEPARTMENT OF MATHEMATICS
K.A.H.M UNITY WOMEN'S COLLEGE, MANJERI, MALAPPURAM, KERALA

Organizes a National Webinar

On

Applications of Number Theory & Algebra in Computer Science

Speaker



Dr. Anjaly Kishore
Assistant Professor
Vimala College, Thrissur



OCT 06, 2020, 2PM
TUESDAY, ZOOM



9048715321




KAHM Unity



anjaly kishore

M

 MR. AMIN TALHA BA...

DR.K.SELVAKU ...

3. **Webinar entitled Ideals and Rings on 23/10/2020:** The programme was aimed at the advanced learners of the department and was attended by 157 people from various states. Dr. Harikrishnan P.K, Associate Professor of Mathematics, Manipal University was the resource person.



 **DEPARTMENT OF MATHEMATICS**
K.A.H.M UNITY WOMEN'S COLLEGE, MANJERI, MALAPPURAM, KERALA

Organizes a National Webinar

On

**Rings
& the
Ideals**

Speaker



Dr. Harikrishnan P K
Associate Professor
Department of Mathematics
Manipal Institute of Technology
Mangalore

 Google Meet

OCT 23 | 2020 | 2PM
FRIDAY | GOOGLE MEET

9048715321 

Inbox (2) - usmanarath@uni... Meet - hmb-kemp-edd Search results - rofabdul@gm... <https://meet.google.com/hmb-kemp-edd?pli=1&authuser=7> 201 15:01 You

REC Dr Harikrishnan PK is presenting S.Bhavani nil and 190 more

Matrix Rings

Let R be a ring and $n \geq 1$, be an integer. Let $S = M_n(R) = \{(a_{ij}) \mid a_{ij} \in R, 1 \leq i, j \leq n\}$ be the set of all $n \times n$ matrices with entries in R , where

$$(a_{ij}) = \begin{pmatrix} a_{11} & a_{12} & \dots & a_{1j} & \dots & a_{1n} \\ a_{21} & a_{22} & \dots & a_{2j} & \dots & a_{2n} \\ \dots & \dots & \dots & \dots & \dots & \dots \\ a_{n1} & a_{n2} & \dots & a_{nj} & \dots & a_{nn} \end{pmatrix}$$

Geethika Manoj has left the meeting

Meeting details Meeting controls Turn on captions Dr Harikrishnan PK is presenting

Participants: Dr Harikrishnan PK, anand vijay, Damy P Shibu, Robin P, Hari Krishnan, Ragu. Ram, Antony P V, NAWAZ STUDY

4. Webinar on Roots of Kerala Mathematics Jointly Organized with Department of History on 24/10/2020: The programme was organized through Google Meet. Dr. Sreejith E, Assistant Professor of SARBTM College, Koyilandy was the Resource person.




ഗണിത ശാസ്ത്ര - ചരിത്ര വകുപ്പുകളുടെ സംയുക്താഭിമുഖ്യത്തിൽ സംഘടിപ്പിക്കുന്ന വെബിനാർ

വിഷയം

കേരളീയ ഗണിതത്തിന്റെ അടിവേരുകൾ

പ്രഭാഷകൻ
ഡോ. ശ്രീജിത്ത്. ഇ
(SARBTM ഗവൺമെന്റ് കോളേജ് കൊയിലാണ്ടി)

2 PM, ശനി
24 ഒക്ടോബർ, 2020
ഗൂഗിൾ മീറ്റ്



കൊരമ്പയിൽ അഹമ്മദ് ഹാജി മെമ്മോറിയൽ യൂണിറ്റി വിമൻസ് കോളേജ്, മഞ്ചേരി, മലപ്പുറം, കേരളം

5. **International Webinar on 'Recent Trends in Advanced Mathematics' as a Part of National Mathematics Day in Collaboration with Career Guidance Cell on 27/11/2020:** The programme was conducted on Zoom Platform. 131 participants from various states attended the event. DR. K. S. NISAR, Professor, Department of Mathematics, College of Arts & Sciences, Wadi Aldawaser, Kingdom of Saudi Arabia was the resource person of the programme.

**RECENT DEVELOPMENTS
IN APPLIED MATHEMATICS**

International seminar in connection with
National Mathematics Day

**27 NOVEMBER 2020
2:30 PM - FRIDAY**

Guest
Dr. K S NISAR
Professor of Mathematics
College of Arts & Sciences
Wadi Aldawaser
Kingdom of Saudi Arabia

Coordinator
Mr. Abdul Rof V
Assistant Professor,
Department of Mathematics

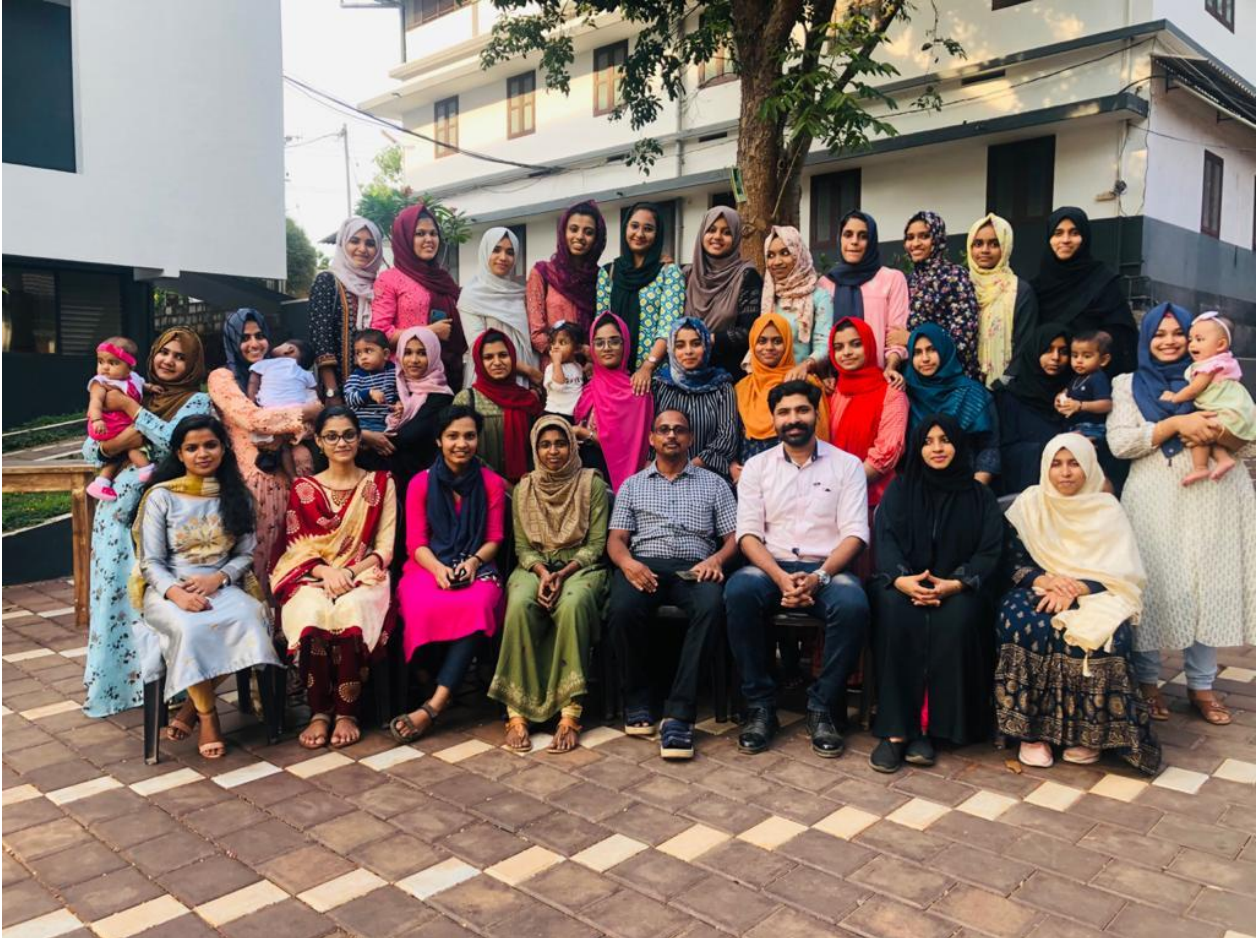
FOR DETAILS
090-487-15321

www.unitywomenscollege.ac.in

SUPPORTED BY CAREER GUIDANCE CELL
ZOOM

6. **Alumni Meet and Honouring 2019-20 Pass out Batch on 30/03/2021:** Department of Mathematics organized an event to honour the 2019-20 pass out batch for their 100% win. The event was sponsored by the Math Alumni .

Principal Dr. C. Saidalavi inaugurated the function. Dr. Sajith G, Assistant Professor of SS college and Dr. Anas E Principal, MES Mampad College distributed the awards.






7. **Lock-down Courses attended by the students:** Many of our students attended the online courses in the lock-down period via coursera. **Ms. Fidha Fathima** attended 14 courses, **Risha Samna** of 4th semester BSc Mathematics attended 9 and **Rasha** attended two courses via coursera

One of our new champions is here!

PROUD OF OUR STUDENT WHO COMPLETED FOURTEEN ONLINE COURSES OFFERED BY VARIOUS INTERNATIONAL UNIVERSITIES, DURING THE 'LOCK DOWN' PERIOD THROUGH THE COURSERA PLATFORM



It's been an amazing victory

CONGRATULATIONS!!

MS. FIDHA FATHIMA
(V SEM BSC MATHEMATICS)

IQAC, KAHM UNITY WOMEN'S COLLEGE, MANJERI.

8. **Courses attended by the Faculty members:**

- i) Mr. Abdul Rof V attended the short-term course **e-content Development and Course Design** organized by MHRD-TLC University of Calicut from 8/9/2020 to 14/09/2020



**MINISTRY OF HUMAN RESOURCE DEVELOPMENT
TEACHING LEARNING CENTRE (TLC)**

Under PMMMNMTT

Department of Education, University of Calicut



SHORT RUN COURSE ON E-CONTENT DEVELOPMENT AND COURSE DESIGN

This is to certify that Abdul Rof V, Assistant Professor, Department of Mathematics, KAHM Unity Women's College has participated in the one week **Short Run Course on E-Content Development and Course Design** for faculty in higher education institutions organised by MHRD-Teaching Learning Centre under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching, Department of Education, University of Calicut from 08.09.2020 to 14.09.2020 and successfully completed the programme.



Project Head
MHRD-TLC

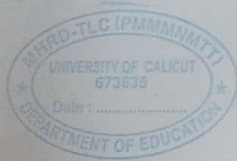


Calicut University.P.O
Date: 14.09.2020



Registrar/Vice Chancellor

Folio No. 656



- ii) Mr.Abdul Rof V attended the short term course on Disaster Management organized by UGC-HRDC Kerala University from 19/2/2021 to 25/02/2021.

UGC-HUMAN RESOURCE DEVELOPMENT CENTRE (HRDC)



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Golden Jubilee Building, Kariavattom Campus
Thiruvananthapuram – 695581



DR. K. M. SAJAD IBRAHIM
PROFESSOR-DIRECTOR (i/c)

Office : 91-471-2308989
Fax : 91-471-2412267
Email : hrdcunike@yahoo.com

UGC-HRDC/2021

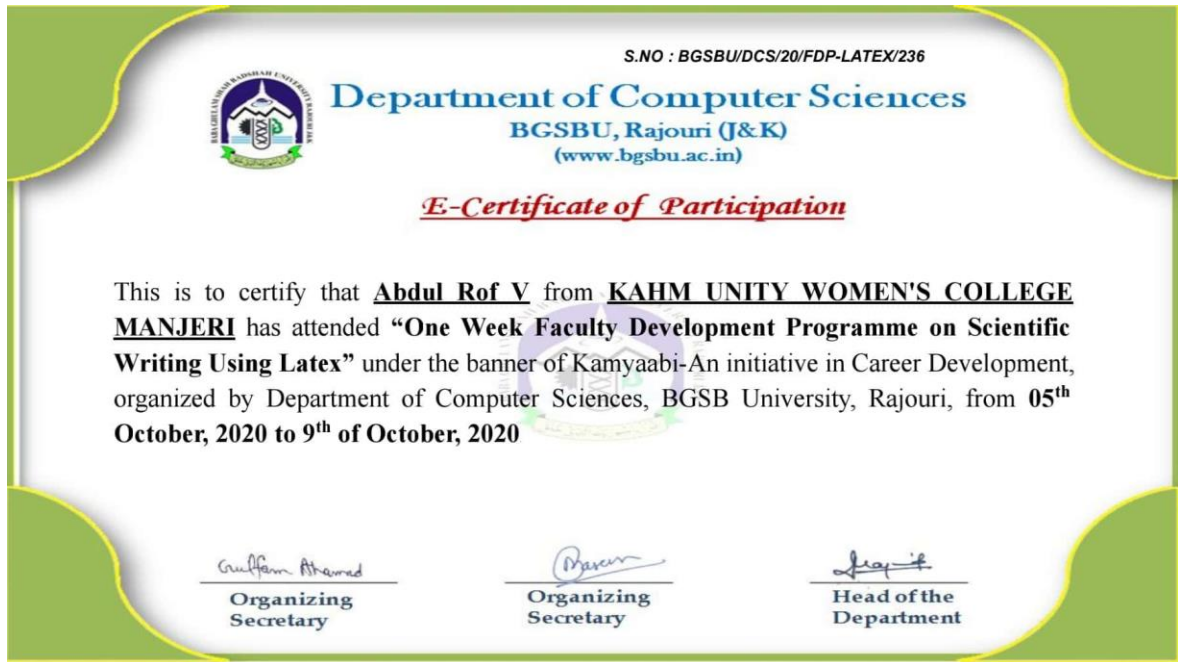
PROVISIONAL CERTIFICATE

This is to certify that **Mr. Abdul Rof V, Assistant Professor, Department of Mathematics, KAHM Unity Women's College, Manjeri,** participated in the **Online Short Term Course in Disaster Management** conducted by the UGC-Human Resource Development Centre, University of Kerala, sponsored by the University Grants Commission from **19-02-2021 to 25-02-2021.**

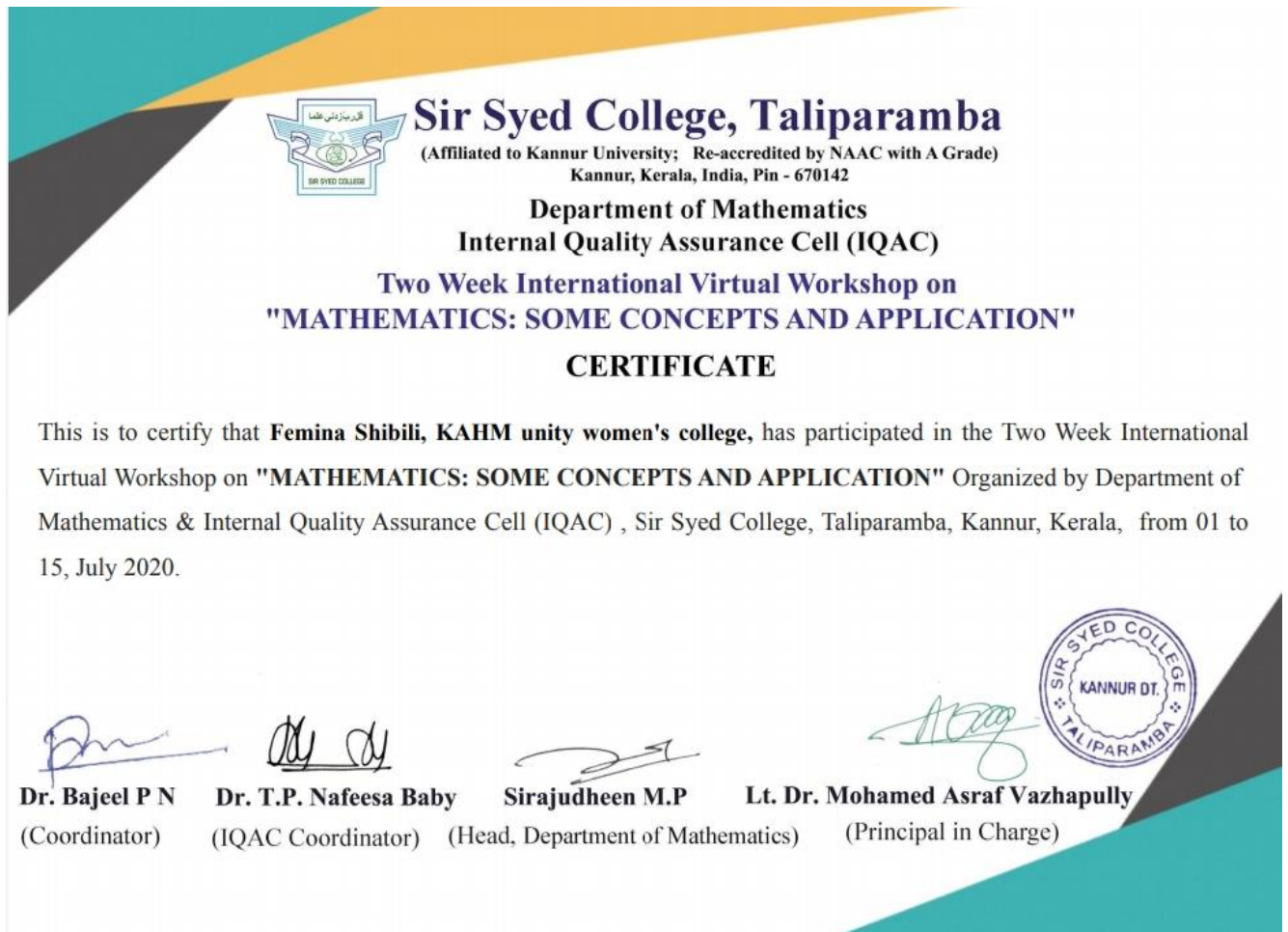
Kariavattom
12.03.2021


Professor- Director (i/c)

- iii) Mr Abdul Rof V attended the one week FDP on Scientific Writing Using Latex organized by BGSB University Rajouri from 5th October 2020 to 9th October 2020.



9. **Workshop attended by the Students:** The student Femina Shibili Attended the 15 day international workshop organized by Sir Syed College, Talipparamba from 1st to 15th July 2020.



RESULT ANALYSIS

Sl No	No of Students Registered	No of Students Appeared	No. of Students with grade						Pass Percentage
			A+	A	B	C	D	E	
1	39	36	0	10	15	4	0	0	80.55

