



INNOVATIVE ECOSYSTEM FACILITATED BY IQAC IN THE INSTITUTION FOR TEACHING-LEARNING, EVALUATION AND RESEARCH

Soft Computing Lab Supported by IQAC & College Governing Body

The Soft Computing Lab of the Department of Mathematics at KAHM Unity Women's College, Manjeri, is equipped with 7 computers, including one i5 and four i3 systems. The soft computing lab of the department of Mathematics started functioning in the academic year 2022-23. It was inaugurated jointly by Dr. Pournami P N, Assistant professor, Department of Computer Science and Engineering, NIT Calicut and college management committee vice president Muhammed alias Nani on November 22, 2022. The objectives. The lab aims to offer courses, workshops, and training programs to students, faculty members, and industry professionals thereby ensuring collaborative works. The followings are the key objectives of the Lab:

- To provide students with hands-on experience in using tools and technologies related to soft computing.
- To foster a culture of research and innovation in the field of soft computing.
- To promote interdisciplinary collaboration among faculty members and students in the field of soft computing.
- To encourage students to participate in national and international conferences and competitions related to soft computing.
- To facilitate industry-academia collaborations and internships for students.

The lab has been instrumental in supporting student research activities. Utilizing these facilities, 14 students have successfully presented their research work at international conferences, while 15 students have published their articles in Scopus-indexed conference proceedings. These accomplishments highlight the significant role of the Soft Computing Lab in fostering research excellence within the department.




PRINCIPAL
Korambayil Ahamed Haji
Memorial Unity Women's
College, Manjeri



KORAMBAYIL AHAMED HAJI MEMORIAL
UNITY WOMEN'S COLLEGE, MANJERI

(P.O) Narukara, Malappuram Dt., Kerala - 676 122
(Govt.- Aided and affiliated to University of Calicut)
[Nationally re-accredited by NAAC with 'B++' Grade, CGPA 2.77]
www.unitywomenscollege.ac.in



KAHM UNITY WOMEN'S COLLEGE MANJERI
DEPARTMENT OF MATHEMATICS

SOFT COMPUTING LAB

Inauguration



Dr. Pournami P N

Assistant Professor

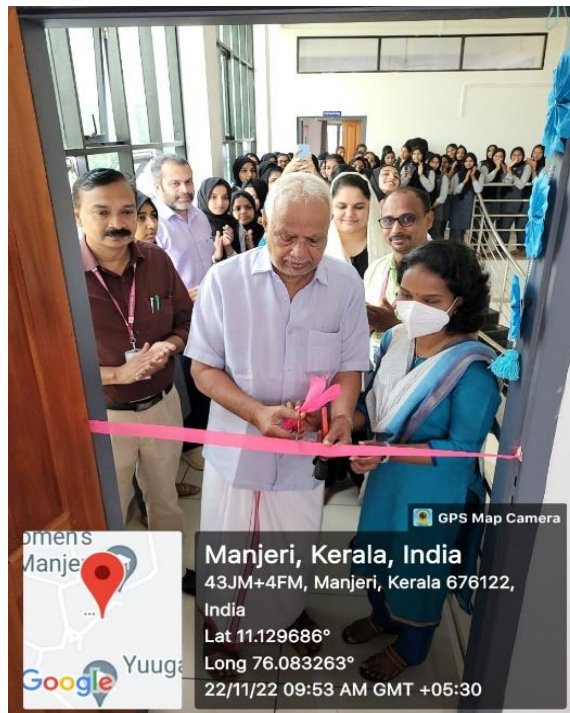
Department of Computer Science and Engineering
National Institute of Technology Calicut



22 Nov 2022
9:30 am



AC Seminar Hall



PRINCIPAL
Korambayil Ahamed Haji
Memorial Unity Women's
College, Manjeri



KORAMBAYIL AHAMED HAJI MEMORIAL
UNITY WOMEN'S COLLEGE, MANJERI

(P.O) Narukara, Malappuram Dt., Kerala - 676 122
(Govt.- Aided and affiliated to University of Calicut)
[Nationally re-accredited by NAAC with 'B++' Grade, CGPA 2.77]
www.unitywomenscollege.ac.in



Manjeri, Kerala, India
43JM+4FM, Manjeri, Kerala 676122,
India
Lat 11.130345°
Long 76.083341°
22/11/22 10:11 AM GMT +05:30



Manjeri, Kerala, India
43JM+4FM, Manjeri, Kerala 676122,
India
Lat 11.13025°
Long 76.083315°
22/11/22 10:23 AM GMT +05:30



PRINCIPAL
Korambayil Ahamed Haji
Memorial Unity Women's
College, Manjeri



KORAMBAYIL AHAMED HAJI MEMORIAL
UNITY WOMEN'S COLLEGE, MANJERI

(P.O) Narukara, Malappuram Dt., Kerala - 676 122
(Govt.- Aided and affiliated to University of Calicut)
[Nationally re-accredited by NAAC with 'B++' Grade, CGPA 2.77]
www.unitywomenscollege.ac.in



The following table presents the details of topic of presentation and collaborations.

SI No	Topic	Presented by:
1	Exploring Enjoyable Aspects of Strategy Games: A Review of Game Refinement Theory	Mirshana Sherin KT
2	Examining the Impact of Roads and Growth Patterns on the Dynamics of Invasive Plant Species	Sibina
3	Examining Energy Efficiency in Beekeeping for Environmental Sustainability	Asma Nufaila KP
4	A Review of Cancer Research Advancements: Mathematical Modelling for Treatment Prediction and Personalized Care	Rahma Padikkamannil
5	Evaluating the Significance of Mathematical Modelling in Pathogen Biology and Dynamics of Infectious Diseases	Devika S Anand
6	Reviewing the interplay between Graph Theory and Computational Geometry; Insights and Applications	Fathima Busthana K
7	Assessing the Role of Mathematical Modelling in Enhancing Crop Yield Predictions	Fida
8	Metformin in Diabetes Management: A Review of Pharmacokinetics, Modelling and Genetic Influences	Shahana P V
9	Reviewing Pulsating Fibonacci Sequences: Complex Patterns and Insights	Shafana Liya V P
10	Promoting Gender Parity in Mathematics: A Review of Stereotypes and Math Anxiety	Lulu Najiya K P
11	Analyzing the Diagonal Function in Natural Rhotrix: A Comprehensive Review	Hasna V
12	Optimizing Employee Recruitment: A Prescriptive Analytic Review	Fathima Fitha T



PRINCIPAL
Korambayil Ahamed Haji
Memorial Unity Women's
College, Manjeri



KORAMBAYIL AHAMED HAJI MEMORIAL
UNITY WOMEN'S COLLEGE, MANJERI

(P.O) Narukara, Malappuram Dt., Kerala - 676 122
(Govt.- Aided and affiliated to University of Calicut)
[Nationally re-accredited by NAAC with 'B++' Grade, CGPA 2.77]
www.unitywomenscollege.ac.in



INDORE

ICRTMSE 2023

**International Conference on Recent Trends in
Mathematics, Statistics, and Engineering**

organized by

School of Technology Management and Engineering

SVKM's NMIMS (Deemed-to-be University), Indore, Madhya Pradesh, India

on December 22 – 23, 2023 in Hybrid Mode

CERTIFICATE OF PRESENTATION

This is to certify that **Ms. Fathima Fitha T** of the Department of Mathematics, Korambayil Ahamed Haji Memorial Unity Women's College, Manjeri, Malappuram – 676122, Kerala, India, has participated and presented a paper titled "Optimizing Employee Recruitment: a Prescriptive Analytics Review" with Paper ID 127 in the ICRTMSE 2023 in virtual mode.

Ajit

Dr. Ajit Kumar Singh
Convener & Organizing Secretary
ICRTMSE 2023

Okhar

Dr. Vikas Khare
Program Coordinator
STME, Indore

AJaswal

Prof. (Dr.) Anshuman Jaswal
Director
SVKM's NMIMS, Indore



PRINCIPAL
Korambayil Ahamed Haji
Memorial Unity Women's
College, Manjeri



KORAMBAYIL AHAMED HAJI MEMORIAL
UNITY WOMEN'S COLLEGE, MANJERI

(P.O) Narukara, Malappuram Dt., Kerala - 676 122
(Govt.- Aided and affiliated to University of Calicut)
[Nationally re-accredited by NAAC with 'B++' Grade, CGPA 2.77]
www.unitywomenscollege.ac.in



INDORE

ICRTMSE 2023

International Conference on Recent Trends in
Mathematics, Statistics, and Engineering

organized by

School of Technology Management and Engineering

SVKM's NMIMS (Deemed-to-be University), Indore, Madhya Pradesh, India

on December 22 – 23, 2023 in Hybrid Mode

CERTIFICATE OF PRESENTATION

This is to certify that **Ms. Hasna V** of the Department of Mathematics, Korambayil Ahamed Haji Memorial Unity Women's College, Manjeri, Malappuram - 676122, Kerala, India, has participated and presented a paper titled "Analysing the Diagonal Function in Natural Rhotrix: a Comprehensive Review" with Paper ID 125 in the ICRTMSE 2023 in virtual mode.

Dr. Ajit Kumar Singh
Convener & Organizing Secretary
ICRTMSE 2023

Dr. Vikas Khare
Program Coordinator
STME, Indore

Prof. (Dr.) Anshuman Jaswal
Director
SVKM's NMIMS, Indore



INDORE

ICRTMSE 2023

International Conference on Recent Trends in
Mathematics, Statistics, and Engineering

organized by

School of Technology Management and Engineering

SVKM's NMIMS (Deemed-to-be University), Indore, Madhya Pradesh, India

on December 22 – 23, 2023 in Hybrid Mode

CERTIFICATE OF PRESENTATION

This is to certify that **Ms. Mirshana Sherin KT** of the Department of Mathematics, Korambayil Ahamed Haji Memorial Unity Women's College, Manjeri, Malappuram – 676122, Kerala, India, has participated and presented a paper titled "Exploring Enjoyable Aspects of Strategy Games: a Review of Game Refinement Theory" with Paper ID 157 in the ICRTMSE 2023 in virtual mode.

Dr. Ajit Kumar Singh
Convener & Organizing Secretary
ICRTMSE 2023

Dr. Vikas Khare
Program Coordinator
STME, Indore

Prof. (Dr.) Anshuman Jaswal
Director
SVKM's NMIMS, Indore



PRINCIPAL
Korambayil Ahamed Haji
Memorial Unity Women's
College, Manjeri



KORAMBAYIL AHAMED HAJI MEMORIAL
UNITY WOMEN'S COLLEGE, MANJERI

(P.O) Narukara, Malappuram Dt., Kerala - 676 122
(Govt.- Aided and affiliated to University of Calicut)
[Nationally re-accredited by NAAC with 'B++' Grade, CGPA 2.77]
www.unitywomenscollege.ac.in



INDORE

ICRTMSE 2023

**International Conference on Recent Trends in
Mathematics, Statistics, and Engineering**

organized by

School of Technology Management and Engineering
SVKM's NMIMS (Deemed-to-be University), Indore, Madhya Pradesh, India
on December 22 – 23, 2023 in Hybrid Mode

CERTIFICATE OF PRESENTATION

This is to certify that **Ms. Asma Nufaila KP** of the Department of Mathematics, Korambayil Ahamed Haji Memorial Unity Women's College, Manjeri, Malappuram – 676122, Kerala, India, has participated and presented a paper titled "Examining Energy Efficiency in Beekeeping for Environmental Sustainability" with Paper ID 132 in the ICRTMSE 2023 in virtual mode.

Ajit

Dr. Ajit Kumar Singh
Convener & Organizing Secretary
ICRTMSE 2023

Okharr

Dr. Vikas Khare
Program Coordinator
STME, Indore

AJaswal

Prof. (Dr.) Anshuman Jaswal
Director
SVKM's NMIMS, Indore



INDORE

ICRTMSE 2023

**International Conference on Recent Trends in
Mathematics, Statistics, and Engineering**

organized by

School of Technology Management and Engineering
SVKM's NMIMS (Deemed-to-be University), Indore, Madhya Pradesh, India
on December 22 – 23, 2023 in Hybrid Mode

CERTIFICATE OF PRESENTATION

This is to certify that **Ms. Sibina** of the Department of Mathematics, Korambayil Ahamed Haji Memorial Unity Women's College, Manjeri, Malappuram – 676122, Kerala, India, has participated and presented a paper titled "Examining the Impact of Roads and Growth Patterns on the Dynamics of Invasive Plant Species" with Paper ID 160 in the ICRTMSE 2023 in virtual mode.

Ajit

Dr. Ajit Kumar Singh
Convener & Organizing Secretary
ICRTMSE 2023

Okharr

Dr. Vikas Khare
Program Coordinator
STME, Indore

AJaswal

Prof. (Dr.) Anshuman Jaswal
Director
SVKM's NMIMS, Indore



Principal

PRINCIPAL
Korambayil Ahamed Haji
Memorial Unity Women's
College, Manjeri



KORAMBAYIL AHAMED HAJI MEMORIAL
UNITY WOMEN'S COLLEGE, MANJERI

(P.O) Narukara, Malappuram Dt., Kerala - 676 122
(Govt.- Aided and affiliated to University of Calicut)
[Nationally re-accredited by NAAC with 'B++' Grade, CGPA 2.77]
www.unitywomenscollege.ac.in



INDORE

ICRTMSE 2023

International Conference on Recent Trends in
Mathematics, Statistics, and Engineering

organized by

School of Technology Management and Engineering

SVKM's NMIMS (Deemed-to-be University), Indore, Madhya Pradesh, India

on December 22 – 23, 2023 in Hybrid Mode

CERTIFICATE OF PRESENTATION

This is to certify that **Ms. Rahma Padikkamannil** of the Department of Mathematics, Korambayil Ahamed Haji Memorial Unity Women's College, Manjeri, Malappuram – 676122, Kerala, India, has participated and presented a paper titled "A Review of Cancer Research Advancements: Mathematical Modelling for Treatment Prediction and Personalized Care" with Paper ID 118 in the ICRTMSE 2023 in virtual mode.

Dr. Ajit Kumar Singh
Convener & Organizing Secretary
ICRTMSE 2023

Dr. Vikas Khare
Program Coordinator
STME, Indore

Prof. (Dr.) Anshuman Jaswal
Director
SVKM's NMIMS, Indore



INDORE

ICRTMSE 2023

International Conference on Recent Trends in
Mathematics, Statistics, and Engineering

organized by

School of Technology Management and Engineering

SVKM's NMIMS (Deemed-to-be University), Indore, Madhya Pradesh, India

on December 22 – 23, 2023 in Hybrid Mode

CERTIFICATE OF PRESENTATION

This is to certify that **Ms. Lulu Najiya K P** of the Department of Mathematics, Korambayil Ahamed Haji Memorial Unity Women's College, Manjeri, Malappuram – 676122, Kerala, India, has participated and presented a paper titled "Promoting Gender Parity in Mathematics: a Review of Stereotypes and Math Anxiety" with Paper ID 141 in the ICRTMSE 2023 in virtual mode.

Dr. Ajit Kumar Singh
Convener & Organizing Secretary
ICRTMSE 2023

Dr. Vikas Khare
Program Coordinator
STME, Indore

Prof. (Dr.) Anshuman Jaswal
Director
SVKM's NMIMS, Indore



PRINCIPAL
Korambayil Ahamed Haji
Memorial Unity Women's
College, Manjeri



KORAMBAYIL AHAMED HAJI MEMORIAL
UNITY WOMEN'S COLLEGE, MANJERI

(P.O) Narukara, Malappuram Dt., Kerala - 676 122
(Govt.- Aided and affiliated to University of Calicut)
[Nationally re-accredited by NAAC with 'B++' Grade, CGPA 2.77]
www.unitywomenscollege.ac.in



INDORE

ICRTMSE 2023

International Conference on Recent Trends in
Mathematics, Statistics, and Engineering

organized by

School of Technology Management and Engineering

SVKM's NMIMS (Deemed-to-be University), Indore, Madhya Pradesh, India

on December 22 – 23, 2023 in Hybrid Mode

CERTIFICATE OF PRESENTATION

This is to certify that **Ms. Shafana Liya VP** of the Department of Mathematics, Korambayil Ahamed Haji Memorial Unity Women's College, Manjeri, Malappuram – 676122, Kerala, India, has participated and presented a paper titled "Reviewing Pulsating Fibonacci Sequences: Complex Patterns and Mathematical Insights" with Paper ID 124 in the ICRTMSE 2023 in virtual mode.

Ajit

Dr. Ajit Kumar Singh
Convener & Organizing Secretary
ICRTMSE 2023

Okharr

Dr. Vikas Khare
Program Coordinator
STME, Indore

AJaswal

Prof. (Dr.) Anshuman Jaswal
Director
SVKM's NMIMS, Indore



INDORE

ICRTMSE 2023

International Conference on Recent Trends in
Mathematics, Statistics, and Engineering

organized by

School of Technology Management and Engineering

SVKM's NMIMS (Deemed-to-be University), Indore, Madhya Pradesh, India

on December 22 – 23, 2023 in Hybrid Mode

CERTIFICATE OF PRESENTATION

This is to certify that **Ms. Shahana PV** of the Department of Mathematics, Korambayil Ahamed Haji Memorial Unity Women's College, Manjeri, Malappuram – 676122, Kerala, India, has participated and presented a paper titled "Metformin in Diabetes Management: a Review of Pharmacokinetics, Modelling, and Genetic Influences" with Paper ID 120 in the ICRTMSE 2023 in virtual mode.

Ajit

Dr. Ajit Kumar Singh
Convener & Organizing Secretary
ICRTMSE 2023

Okharr

Dr. Vikas Khare
Program Coordinator
STME, Indore

AJaswal

Prof. (Dr.) Anshuman Jaswal
Director
SVKM's NMIMS, Indore



Principal

PRINCIPAL
Korambayil Ahamed Haji
Memorial Unity Women's
College, Manjeri



KORAMBAYIL AHAMED HAJI MEMORIAL
UNITY WOMEN'S COLLEGE, MANJERI

(P.O) Narukara, Malappuram Dt., Kerala - 676 122
(Govt.- Aided and affiliated to University of Calicut)
[Nationally re-accredited by NAAC with 'B++' Grade, CGPA 2.77]
www.unitywomenscollege.ac.in



INDORE

ICRTMSE 2023

**International Conference on Recent Trends in
Mathematics, Statistics, and Engineering**

organized by

School of Technology Management and Engineering
SVKM's NMIMS (Deemed-to-be University), Indore, Madhya Pradesh, India
on December 22 – 23, 2023 in Hybrid Mode

CERTIFICATE OF PRESENTATION

This is to certify that **Ms. Fida** of the Department of Mathematics, Korambayil Ahamed Haji Memorial Unity Women's College, Manjeri, Malappuram – 676122, Kerala, India, has participated and presented a paper titled "Assessing the Role of Mathematical Modelling in Enhancing Crop Yield Predictions" with Paper ID 149 in the ICRTMSE 2023 in virtual mode.

Ajit

Dr. Ajit Kumar Singh
Convener & Organizing Secretary
ICRTMSE 2023

Okhail

Dr. Vikas Khare
Program Coordinator
STME, Indore

AJaswal

Prof. (Dr.) Anshuman Jaswal
Director
SVKM's NMIMS, Indore



INDORE

ICRTMSE 2023

**International Conference on Recent Trends in
Mathematics, Statistics, and Engineering**

organized by

School of Technology Management and Engineering
SVKM's NMIMS (Deemed-to-be University), Indore, Madhya Pradesh, India
on December 22 – 23, 2023 in Hybrid Mode

CERTIFICATE OF PRESENTATION

This is to certify that **Ms. Fathima bushthana K** of the Department of Mathematics, Korambayil Ahamed Haji Memorial Unity Women's College, Manjeri, Malappuram – 676122, Kerala, India, has participated and presented a paper titled "Reviewing the Interplay of Graph Theory and Computational Geometry: Insights and Applications" with Paper ID 126 in the ICRTMSE 2023 in virtual mode.

Ajit

Dr. Ajit Kumar Singh
Convener & Organizing Secretary
ICRTMSE 2023

Okhail

Dr. Vikas Khare
Program Coordinator
STME, Indore

AJaswal

Prof. (Dr.) Anshuman Jaswal
Director
SVKM's NMIMS, Indore



Principal

PRINCIPAL
Korambayil Ahamed Haji
Memorial Unity Women's
College, Manjeri



KORAMBAYIL AHAMED HAJI MEMORIAL
UNITY WOMEN'S COLLEGE, MANJERI

(P.O) Narukara, Malappuram Dt., Kerala - 676 122
(Govt.- Aided and affiliated to University of Calicut)
[Nationally re-accredited by NAAC with 'B++' Grade, CGPA 2.77]
www.unitywomenscollege.ac.in



INDORE

ICRTMSE 2023

International Conference on Recent Trends in
Mathematics, Statistics, and Engineering

organized by

School of Technology Management and Engineering
SVKM's NMIMS (Deemed-to-be University), Indore, Madhya Pradesh, India
on December 22 – 23, 2023 in Hybrid Mode

CERTIFICATE OF PRESENTATION

This is to certify that **Ms. Devika S. Anand** of the Department of Mathematics, Korambayil Ahamed Haji Memorial Unity Women's College, Manjeri, Malappuram – 676122, Kerala, India, has participated and presented a paper titled "Evaluating the Significance of Mathematical Modelling in Pathogen Biology and Dynamics of Infectious Diseases" with Paper ID 115 in the ICRTMSE 2023 in virtual mode.

Dr. Ajit Kumar Singh
Convener & Organizing Secretary
ICRTMSE 2023

Dr. Vikas Khare
Program Coordinator
STME, Indore

Prof. (Dr.) Anshuman Jaswal
Director
SVKM's NMIMS, Indore

Jadheera Parveen K, of sixth semester BSc Mathematics attended the MESMAC International Conference edition 8 held at MES Mampad College on 9th, 10th and 11th January 2024 and presented the paper titled Optimizing employee recruitment: A perspective analytics.



Malappuram, KL, India
Nilambur, Malappuram, 676542, KL, India
Lat 11.238417, Long 76.196647
01/09/2024 03:11 PM GMT+05:30
Note : Captured by GPS Map Camera



Dr. Manzur Ali PP
Principal
MES Mampad College (Autonomous)

Mr. A. Moideenkutty
Chairman
College Management Committee

Prof. OP Abdurahman
Secretary
College Management Committee

Mr. Abdul Wahid K
General Coordinator
MESMAC International Conferences



PRINCIPAL
Korambayil Ahamed Haji
Memorial Unity Women's
College, Manjeri



KORAMBAYIL AHAMED HAJI MEMORIAL
UNITY WOMEN'S COLLEGE, MANJERI

(P.O) Narukara, Malappuram Dt., Kerala - 676 122
(Govt.- Aided and affiliated to University of Calicut)
[Nationally re-accredited by NAAC with 'B++' Grade, CGPA 2.77]
www.unitywomenscollege.ac.in



Noor Fathima PP, of sixth semester BSc Mathematics attended the MESMAC International Conference edition 8 held at MES Mampad College on 9th, 10th and 11th January 2024 and presented the paper titled Strategic HR Insights: A Review on analytic tools in focus for recruitment and performance studies.



[Handwritten Signature]
PRINCIPAL
Korambayil Ahamed Haji
Memorial Unity Women's
College, Manjeri