



DEPARTMENT OF MATHEMATICS

Collaborative Activities (MOU)

Report on Participation as Resource Person

Academic Year –(2024- 2025)

1. Report on Participation as Resource Person in the National Seminar on “Bridging Boundaries- Interdisciplinary Science for a better tomorrow” (03-03-2025)

Dr. P.Sona, Associate Professor, Department of Mathematics, was invited to serve as a **Resource Person** in the *National Seminar on “Bridging Boundaries- Interdisciplinary Science for a better tomorrow”* organized by Bhaktavatsalam Memorial College for Women, Chennai as a part of our **MOU activity**, on 03-03-2025.

The seminar aimed to bring together experts, academicians, researchers, and students from various disciplines to exchange ideas and explore how interdisciplinary scientific approaches can contribute to sustainable solutions for societal and global challenges.

As a Resource Person, Dr. P,Sona delivered a lecture on “**Statistics for Real world situations**”, highlighting the significance of Statistics in current scenario. The session covered key aspects such as Descriptive Statistics, Inferential Statistics and Tools and software etc.

The seminar was attended by a wide range of participants, including **faculty members, research scholars, and postgraduate students** from various institutions across the country. The audience showed keen interest in the session and appreciated the interdisciplinary perspectives shared.



Dr. M.G.R.
EDUCATIONAL AND RESEARCH INSTITUTE
DEEMED TO BE UNIVERSITY



University with Graded Autonomy Status
 (An ISO 21001 : 2018 Certified Institution)
 Periyar E.V.R. High Road, Maduravoyal, Chennai-95, Tamilnadu, India.



BHAKTAVATSALAM MEMORIAL COLLEGE FOR WOMEN

Affiliated to University of Madras ; Accredited by NAAC

THE MANAGEMENT, PRINCIPAL, STAFF AND STUDENTS OF DEPARTMENTS OF BIOCHEMISTRY, MATHEMATICS, PHYSICS, CHEMISTRY, PSYCHOLOGY, MICROBIOLOGY & ELECTRONICS SCIENCE AND COMMUNICATION IN ASSOCIATION WITH IQAC CORDIALLY INVITES YOU ALL FOR THE

NATIONAL SEMINAR ON BRIDGING BOUNDARIES - INTERDISCIPLINARY SCIENCE FOR A BETTER TOMORROW

GUEST OF HONOURS

DR. ARUN RAJJA



Dr. Arun Rajja, B.Sc (Ph.D), Ph.D.
 Associate and Entrepreneur,
 IISR - Aditya Institute of Science Pvt. India.
 Science, Research and Development
 Vellore District City, Chennai, India

DR. PRABU D



Dr. D. Prabu, M.Sc, Ph.D.
 Head of Dept.
 Department of Microbiology,
 University of Madras,
 Chennai, TamilNadu.

DR. KARTHIKEYAN M



Dr. M. Karthikeyan M, Ph.D.,
 Associate Professor,
 Department of Microbiology,
 Madurai University,
 Madurai, TamilNadu, India

DR. SONA P.



Dr. Sona P, Ph.D.
 Associate Professor
 Department of Mathematics,
 M.G.R. Educational and Research Institute,
 Chennai.

DR. VAIDYANATHAN V.G.



Dr. V.G. Vaidyanathan V.G., Ph.D.,
 Senior Professor, Associate
 Professor and Coordinator, Centre
 for AI,
 Chennai

DR. JAYAVEL S



Dr. Jayavel S, M.Sc., M.Phil., Ph.D.,
 Associate Professor,
 Madurai University of Madurai,
 Madurai,
 India.



3RD MARCH 2025



10 AM



BMC AUDITORIUM



PROGRAMME AGENDA

- INVOCATION
- WELCOME ADDRESS - Mrs.S.Mangai, Convenor, Vice Principal & Head, PG Department of Biochemistry, BMC
- INAUGURATION - Dr.Arun Raaza, Chief Guest
10 am to 10.30am
- FELICITATION - Dr.K.R.Dhanalakshmi, Principal, BMC

- PLENARY LECTURERS AT THE AUDITORIUM
 - SESSION I - Dr.Arun Raaza
10.30 am to 11.30 am - "Innovations and Entrepreneurship"
 - 11.30am to 11.45 am - BREAK
 - SESSION II - Dr.P.Prabu
11.45am to 1pm - "Application of Nanopore sequencing in Human Microbiome analysis"
 - 1 pm to 2pm - LUNCH
 - SESSION III - Dr.M.Karthikeyan
2 pm to 3 pm - "Genome, Genes, SNPs influences human health: Pharmacogenetic prospective view"
 - SESSION IV - Dr.S.Jeyavel
3 pm to 4 pm - "Empowering the Next Generation to Embrace Innovations"

- PLENARY LECTURERS AT THE SEMINAR HALL
 - SESSION I - Dr.P.Sena
11.45 am to 1 pm - "Statistics for Real world situations"
 - SESSION II - Dr.W.G.Valdyanathan.
2.30 pm to 3.30 pm - "Recognition of DNA Defects Using Transition Metal Systems"
- VALEDICTORY FUNCTION - 4 pm
- VOTE OF THANKS - Dr.Majima Mikkath, Head, Department of Physics, BMC
- NATIONAL ANTHEM



Dr. M.G.R.
EDUCATIONAL AND RESEARCH INSTITUTE
DEEMED TO BE UNIVERSITY



University with Graded Autonomy Status
(An ISO 21001 : 2018 Certified Institution)
Periyar E.V.R. High Road, Maduravoyal, Chennai-95. Tamilnadu, India.





Chennai, Tamil Nadu, India

K G Block, Bakthavachalam Vidhyashram School, 14, Street Number 31, Periyar Nagar, Venkatraman Nagar, Korattur, Chennai, Tamil Nadu 600080, India
Lat 13.109036° Long 80.18265°
03/03/2025 12:12 PM GMT +05:30



2. Report on Participation as Resource Person in the Lecture on “MATH BEHIND THE MODERN WORLD” (20-03-2025)

Dr.Rathi.A was invited to serve as a **Resource Person** for a lecture on the topic “*Math Behind the Modern World*” organized by the **Department of Mathematics**, Bhaktavatsalam Memorial College for Women, Chennai as a part of our **MOU activity**, on 20-03-2025.

The session was conducted as part of the department’s academic enrichment programme in association with IQAC aimed at promoting awareness of the significance of mathematics in everyday life and modern technology.

During the session, Dr.Rathi.A delivered a detailed presentation on how mathematical concepts form the foundation of modern innovations such as real-life applications of mathematical modelling, algorithms, and statistical reasoning that shape various fields.

The participants, comprising undergraduate and postgraduate students along with faculty members, showed active interest throughout the session. The interactive discussion at the end reflected the students’ enthusiasm and curiosity about the practical utility of mathematics beyond the classroom.



Dr. M.G.R.
EDUCATIONAL AND RESEARCH INSTITUTE
DEEMED TO BE UNIVERSITY

University with Graded Autonomy Status
(An ISO 21001 : 2018 Certified Institution)
Periyar E.V.R. High Road, Maduravoyal, Chennai-95. Tamilnadu, India.



BHAKTAVATSALAM MEMORIAL COLLEGE FOR WOMEN

AFFILIATED TO UNIVERSITY OF MADRAS / ACCREDITED BY NAAC

**THE MANAGEMENT, PRINCIPAL, STAFF & STUDENTS OF
DEPARTMENT OF MATHEMATICS IN ASSOCIATION WITH IQAC
CORDIALLY INVITES YOU ALL TO THE LECTURE ON**

"MATH BEHIND THE MODERN WORLD"



Dr. A. RATHI

Associate Professor
Department of Mathematics
Dr.M.G.R.Educational and Research Institute, Chennai



20 MAR '25
THURSDAY



11.30 AM



SEMINAR HALL

AT BMC CAMPUS



