

## Conveners

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Dr.V.Kavitha - Assistant Professor

## Organizing Secretaries

Dr.J.Harine Sargunam - Assistant Professor

Ms.S.Sheerin - Assistant Professor

## Organizing Committee Members

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Ms.J.Priya - Assistant Professor

Dr.A.Sangeetha - Assistant Professor

Dean of Research & Consultancy

Ms.N. Ashifa Jabeen - Assistant Professor

Ms.S.Ashma Banu - Assistant Professor

Ms.S.Basheerunnisa - Assistant Professor

Ms.J.P.Jayasri - Assistant Professor

Ms.A.Ayisha Sukaina - Assistant Professor

Ms.M.Padma Priya - Assistant Professor

Ms. K.Priyadharshini - Assistant Professor

Ms. R. Mohanambal- Assistant Professor

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## PATRONS

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## JAMAL MOHAMED COLLEGE (AUTONOMOUS)

Accredited (4th cycle) with "A++" Grade by NAAC  
with CGPA 3.69 out of 4.0

(Affiliated to Bharathidasan University)

Tiruchirappalli - 620 020



## NATIONAL SEMINAR

on

## The Role of Microbiome in Nutrition & Health : Emerging Research and Clinical Applications

Organised by

Department of  
Nutrition and Dietetics

&

B.Voc., Food Processing and Safety

26.09.2024 & 27.09.2024



## About the Institution

On 11th July 1951, the college was inaugurated by Hon'ble. Thiru. P.S. Kumarasamy Raja, the then Chief Minister of Madras accompanied by his excellency, the Maharaja of Bhavanagar, the then Governor of Madras presided over the function. Over the period of 7 decades, the college was able to scale greater and greater heights and rise to the present status as a multi-faculty institution with 11 UG programmes and 11 PG programmes under Government aided streams and 14 UG programmes and 13 PG programmes under self-financing stream for men by promoting quality and excellence in Higher education due to sustained efforts and dedicated leadership rendered by the Management committee. The college also offers 18 UG programmes and 15 PG programmes exclusively for women as a part of women empowerment during the second shift of the college. 17 Ph.D programmes are offered for men and women under the self-financing stream. The college was accredited at the five-star level by NAAC in 2002 and conferred with Autonomous status by UGC. In the Fourth Cycle, the college has been accredited with an A++ Grade by NACC with CGPA of 3.69 out of 4.0 in 2023. Department of science and technology government of India, has accorded FIST Scheme to our institution during 2004. DBT Govt of india awarded star college scheme to our institution in 2020. Our institution received research funds from various funding agencies like UGC, DST, DBT, MOEN and so on

## About the Department

The Department of Nutrition and Dietetics was started during 2008, with an under graduate programme under self-financing stream to meet the educational needs of women students exclusively. Subsequently PG course was introduced during 2011 for women students. Skill oriented B.Voc Food Processing and Safety was started with the sponsorship of National Skills Qualification Framework (NSQF) UGC. The Department has well qualified faculty members who are actively involved in research in chosen field like Community Nutrition, Food Processing and Preservation and Clinical Nutrition. To ensure high quality in education the department has acquired best infrastructure facilities, state of the art laboratory equipment's, well stacked library. Our staff members are actively involved in consultancy services giving helping hands to various food industries established in our state. The main motto of this department is to enable the students to explore the opportunities and challenges in the field of Nutrition and Dietetics, to become popular entrepreneurs, excellent researchers and great administrators. The graduates and post graduates of this college have the imprints of their footsteps at various capacities across the field as Dietician in reputed multi-specialty hospitals and also as academicians, entrepreneurs and so on

## About the Seminar

The seminar titled "The Role of Microbiome in Nutrition & Health: Emerging Research and Clinical Applications" is a comprehensive exploration of the developments, aiming to provide an in-depth understanding of how the microbiome influences our health and how the insights can be translated into practical applications for improved well-being. This event brings together experts from various fields to explore the complex interactions between gut microbiota, diet, and health outcomes. The seminar also highlights clinical applications, including the use of probiotics, prebiotics, and dietary interventions to optimize microbiome health and improve patient outcomes. This emerging field of personalized nutrition aims to tailor dietary recommendations based on an individual's unique microbiome composition. By understanding these interactions, healthcare providers can offer more precise and effective dietary interventions that promote health and prevent disease.

## Themes

- Diet-Microbiome Interactions
- Microbiome and Chronic Disease
- Microbiome Modulation
- Microbiome & Cancer Prevention
- Microbiome and Aging
- Microbiome in Public Health
- Personalized Nutrition
- Prebiotics and Probiotics

Oral and Poster presentation will be held on  
**26.09.2024**

Awards for Best Oral and Poster will be given  
**27.09.2024**

**Outside participants has to make their own arrangements for their stay during the seminar**

## Oral / Poster Presentation:

Authors are invited to submit original, unpublished research papers that address the conference themes and key areas. all submitted papers will be peer reviewed. Accepted papers will be published as chapters in preceding with ISBN number. Papers selected for Oral and Poster presentations will be intimated.

## Registration Fees

	Online	Spot
Students	350	450
Phd Scholars	400	500
Faculties/Academicians/ Dietitians/Industrial Nutritionists	600	700
Publication Charges	Will be Intimated later	

## Fee Remittance Account Details

**A/C No : 046702000000009**

**IFSC Code : IOBA0000467**

**MICR no : 620020010**

**Bank Holder Name: Jamal Mohamed College**

## Important Dates

Last Date for Registration : **10.09.2024**

Abstract submission : **10.09.2024**

Full paper Submission : **20.09.2024**

## LINKS FOR REGISTRATION

[https://docs.google.com/forms/d/e/1FAIpQLSeD\\_xiUpqhG8x\\_bbT0kOwjU4hWaVT1Y37llr7W4WI0yg04Xg/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSeD_xiUpqhG8x_bbT0kOwjU4hWaVT1Y37llr7W4WI0yg04Xg/viewform?usp=sf_link)  
text

## ISBN Publication

Priority will be given to unpublished research articles. The review committee will scrutinise the abstracts and the chosen papers will be published in book with ISBN. The full length paper not exceeding 5-8 pages including figures, tables can be sent to **nsjmcnd2024@gmail.com**. However to encourage the researchers and students, we would also publish review articles that are novel and resourceful.