



**VINAYAKA MISSION'S
RESEARCH FOUNDATION**
(Deemed to be University under section 3 of the UGC Act 1956)



AVMC
AARUPADAI VEEDU MEDICAL COLLEGE



BMSeCON-2026

6th INTERNATIONAL e-CONFERENCE

Organised by

**Departments of Anatomy, Physiology & Biochemistry, AVMCH,
Vinayaka Mission's Puducherry Campus**

Theme:

“Beyond Microscope: Transformative and future strategies in Basic Medical Sciences”

Highlights

- Scientific talks from International/National Speakers
- Publication of Conference Proceedings
- Oral presentations for Faculty/ PhD Scholars/ PG students
- e-Poster presentations for UG students
- Young Research Scholar Award
- TNMC Credit Hours



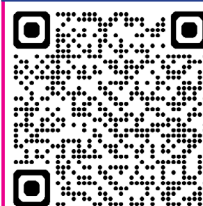
Dates to Remember

Early bird registration ends	08.04.2026
Late registration ends	12.04.2026
Abstract submission ends	08.04.2026
Decision of the abstracts to participants	12.04.2026

For Registration

Click Here

For Registration



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**16th - 18th
APRIL
2026**

For any query send mail to Conference Secretariat :
bmscon@avmc.edu.in

Visit our website:
<https://bmsecon.avmc.edu.in>



Dear all,

Greetings from Departments of Anatomy, Physiology, Biochemistry

It is our pleasure to invite you for the 6th International e-conference on **“Beyond Microscope: Transformative and future strategies in Basic Medical Sciences”** that will be conducted from **16th-18th April 2026**.

About Vinayaka Mission's Research Foundation (VMRF)

Vinayaka Mission's Research Foundation (VMRF) is a prestigious NAAC 'A' Grade accredited Deemed-to-be University (Category-I) that fosters a vibrant, multicultural research environment through a modern, student-centric approach. Integrating interdisciplinary research and skill-based learning across 15 streams—including Medicine, Dentistry, Homeopathy, Nursing, Allied Health Sciences, Engineering, Management, Arts and Science, and Law. The university utilizes 46 specialized Centres of Excellence and holds over 100 patents. Its commitment to excellence is reflected in its strong performance in global and national rankings, positioned in the 601+ band in the Asia University Rankings 2025 and the 151-200 band in the NIRF 2024 University category. Additionally, VMRF secured the 99th rank for Pharmacy in NIRF 2025 and ranked 65th overall in the IIRF 2025 Deemed University category. With strategic global collaborations VMRF campus in Salem, Tamil Nadu remains a scenic landmark nestled amidst the mountains, providing a serene yet technologically advanced atmosphere for comprehensive academic and professional growth with track record of placements with leading global firms.

About College (AVMCH)

The Aarupadai Veedu Medical College and Hospital (AVMCH) was established at Puducherry in the year 1999-2000 and currently celebrating its Silver Jubilee year (2025-26), Aarupadai Veedu Medical College and Hospital has evolved into a premier NMC-recognized institution in Puducherry, offering Quality education and Hospital services to the community. The college maintains an annual intake of 150 MBBS students and offers 118 postgraduate seats across 19 MD/MS disciplines, alongside specialized programs in Nursing, Physiotherapy, Allied Health Sciences, and BASLP. Spanning a lush, 44-acre eco-friendly, plastic and Tobacco free campus. The facility houses a 540-bed multispecialty hospital equipped with advanced diagnostic technology and a dedicated Center for AI in Medicine. With NAAC 'A' Grade accreditation and global recognition from the WHO, AVMCH continues to lead in medical education and super-specialty healthcare for over 800 current students.

About Phase I MBBS Departments

Since its inception in 1999, the Phase-I MBBS Departments of Aarupadai Veedu Medical College (AVMC) - Anatomy, Physiology, and Biochemistry - have been the bedrock of foundational medical education providing quality education to the students. Over the past two decades, these departments have evolved from traditional teaching units into hubs of specialized innovation and research. The Department of Anatomy distinguishes itself with its state-of-the-art Plastination Lab, offering unique hands-on workshops that bridge the gap between traditional dissection and modern preservation. Simultaneously, the Department of Biochemistry serves as a vital clinical link, overseeing the Central Laboratory operations where academic research meets high-throughput diagnostic precision. This synergy ensures that our students are trained at the intersection of foundational theory and real-world clinical application.

About BMSseCON

Building on the prestigious legacy of the Phase-I MBBS Departments at Aarupadai Veedu Medical College and Hospital (AVMC&H), we are proud to announce the 6th edition of our annual international conference. Since starting this trend in 2020, we have maintained an unbroken record of academic excellence, even during global lockdowns.

Our past conferences have consistently attracted 800 to 1,200 registrations, evolving from foundational research trends to the 2024 milestone, which integrated global perspectives on Basic Medical sciences and future trends. This year's theme, “Beyond Microscope: Transformative and Future Strategies in Basic Medical Sciences,” marks a pivotal shift toward the next frontier of medicine. This conference will feature a robust scientific program, including invited talks from International and national speakers of well reputed institutions, scientific presentations from delegates aimed at redefining how basic sciences bridge the gap between laboratory research and clinical application for the future healthcare. Continuing our commitment to nurturing talent, the conference will host the Young Research Scholar Awards for Faculty, PhD, and Postgraduates, alongside our signature undergraduate poster competitions. We invite the global medical fraternity to join us on the BMSseCON Portal to explore these transformative strategies. Whether participating in our oral presentations or attending our virtual sessions, delegates can expect a comprehensive look at the future of Anatomy, Physiology, and Biochemistry in a rapidly evolving world. We look forward to your active participation in making this edition another landmark success in the history of AVMCH & Vinayaka Mission's Research Foundation (VMRF).

Conference Committee

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Co- Patron					
Mr. J. Suresh Samuel, Member, BoM, VMRF					
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				Dr. Sagajanantham P Tutor, Dept of Biochemistry	

SCIENTIFIC PROGRAM SCHEDULE ON DAY 1 – 16.04.2026 (Thursday)

Time	Resource person		Scientific Talk
9.00 am – 9.40 am		Dr. Parthiban srinivasan, Director, CAIM, AVMC, Puducherry, VMRF, Salem, India	Beyond the Microscope: AI and the future of Medical Discovery
9.40 am – 10.30 am	INAUGURATION		
10.40 am – 11.20 am		Dr. Jaiprakash Mohanraj, MD, PhD, PGDip MedEd Associate Dean (Student Affairs), Associate professor of Biochemistry, School of Medicine, International Medical University (IMU), Kuala Lumpur, Malaysia	Striatin as a Signalling Hub: Bridging Cardiovascular Biology and Cancer
11.20 am – 11.40 am	TEA BREAK		
11.40 am – 12.20 pm		Dr. Kumar Satish Ravi, Professor & Head, Department of Anatomy Additional Principal & Controller National Institute of Medical Sciences & Research Nims University Rajasthan, Jaipur	The Evolution of Histological Visualisation from Classical Foundations to Translational Innovation
12.20 pm – 1.00 pm		Dr. Rohit Verma, Professor, Department of Psychiatry, AIIMS, New Delhi	Brain Mapping and stimulation techniques
2.00 pm- 5.00 pm	Scientific Presentation for Young research scholar award (Faculty) and regular oral Presentation for PhD scholar, PG Students		

PROGRAM SCHEDULE ON DAY 2 – 17.04.2026 (Friday)			
Time	Resource person		Scientific Talk
9.00 am – 9.45 am		Dr. Manju Pillai, MD, FACP, FCCP, FAASM Associate Program Director, Pulmonary, Critical care & Sleep medicine Fellowship, NYU Langone Health, New York, USA	Targeted therapies and precision pathways in Pulmonary disease
9.45 am – 10.30 am		Dr. Srikanteswara Viswanath, Professor of Anatomy & Medical Imaging Department of Anatomical Sciences American University of Antigua College of Medicine University Park Jabberwock Beach Road, Coolidge St. George's, Antigua, West Indies	Simulation in Anatomy Competency Based Medical Education
10.30 am – 11.15 am		Dr. Suvro Chatterjee, UGC-FRP Professor, Department of Biotechnology, University of Burdwan GolapBag Campus, West Bengal	Nitric Oxide directs Tip- Leader cells forming blood vessels
11.15 am – 11.30 am	TEA BREAK		
11.30 am – 12.15 pm		Prof. em. PRC. Dr. med. Ind. Afü Röhrig, MD, PhD(Public Health Genetics), Röhrig institute GmbH, Bonn, Germany	Translation of health care by liquid biopsy from labs to clinics
12.15 pm – 1.00 pm		Dr. Sovan Bagchi Professor in Physiology Program Director-BBMS College of Medicine Gulf Medical University, Ajman, UAE	Impact of Microglia in Neurodevelopmental Disorders
2.00 pm- 5.00 pm	Presentation for Young research scholar award (PhD scholar, PG Students) and e-poster display for UG students		

PROGRAM SCHEDULE ON DAY 3 – 18.04.2026 (Saturday)

Time	Resource person		Scientific Talk
9.00 am – 09.45 am		Mr. Yash Gupta, Cloud Software Development Engineer, Data Science Research Assistant, Intel corporation, Arizona, USA	Artificial Intelligence and the Future of Biomedical Sciences
09.45 am – 10.30 am		Dr. Yogesh Ashok Sontakke Professor of Anatomy, Jipmer, Pondicherry	Transforming Microscopic Images into Data: Micrometry and Image Analysis for Advancing Biomedical Research.
10.30 am – 11.15 am		Dr. Ashwini Prabhu, PhD Professor, Central Research Laboratory, Srinivas Institute of Medical Sciences and Research Centre, Srinivas University, Mangalore, Karnataka	Advanced nanoplatfroms for precision drug delivery in anticancer applications
11.15 am – 11.30 am	TEA BREAK		
11.30 am – 12.15 pm		Dr. Ramanjan Sinha, Professor and Head of Physiology, AIIMS, Raipur	Exercise and Mental Health: Addressing a Paradox
12.15 pm – 1.00 pm		Dr. Sarah Ramamurthy, Assistant Dean (Academics & Administration) Additional Professor and Head of Anatomy, AIIMS, Madurai	Seeing Anatomy through Virtual Eyes - Strengths, Challenges & Way forward
2.00 pm- 4.30 pm	Presentation for Young research scholar award (UG Students) and regular oral Presentation for Faculty		
4.30 pm - 5.00 pm	VALEDICTORY FUNCTION		



Focus of this conference

The recent advances in the fields of academics, diagnostics and research related to basic medical sciences with special emphasis on:

- a. Innovation in education
- b. Significance of Artificial Intelligence in education
- c. Role of Artificial Intelligence in Basic Medical Research
- d. Update on Medical illustrations through digital technology
- e. Recent physiological concepts in neuropsychiatric disorders.

Objectives

- To serve as a platform for sharing the latest developments in the fields of diagnosis, research and teaching learning methodology related to basic medical sciences.
- To encourage the young budding medical professionals to present their research work and update their knowledge ultimately enhancing networking.

Who can attend?

Faculty, PhD scholars, PGs and UGs of following disciplines

1. Medicine
2. Dentistry
3. Veterinary
4. Nursing
5. Physiotherapy
6. Allied Health Disciplines.

Mode : Online platform



Registration fee

Delegates	Early bird registration (08.04.2026)		Late registration (12.04.2026)	
	Indian Delegates	Foreign Delegates	Indian Delegates	Foreign Delegates
UG students	₹ 500/-	50 USD	₹ 700/-	75 USD
Faculty, PhD scholar & PG Students	₹ 1000/-	50 USD	₹ 1200/-	75 USD
* TNMC credit hours fee Rs. 200/- in addition to Registration fee.				

Account details

Bank Details for Online Transfer	
A/c Name	Aarupadai Veedu Medical College Conference
Bank Name	Kotak Mahindra Bank, Mission Street, Puducherry
A/c No.	1348997427
IFSC Code	KKBK0008955



Conference Secretariat

Post your queries related to	Anatomy	Physiology	Biochemistry
Registration, Payments, Receipt, Certificates & Program coordination, Abstract & Paper Submission	Mr. K. Sridhar +91 9159896756	Dr. Franc Oumanath +919944809496	Dr. Gnanasowundary +91 9786932144

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