



# A.J. INSTITUTE OF MEDICAL SCIENCES & RESEARCH CENTRE

A Unit of Laxmi Memorial Education Trust®

## 45<sup>th</sup> Annual Conference of Indian Association of Biomedical Scientists (IABMS)



### National Conference on “Empowering Health - Challenges & Solutions”

#### DATE

Dr. Sarada Subramaniam  
Memorial Pre-Conference  
Workshop

6<sup>th</sup> November 2024

Conference

7<sup>th</sup> -9<sup>th</sup> November 2024

#### VENUE

A.J. Institute of Medical  
Sciences & Research Centre

NH-66, Kuntikana  
Mangaluru, Karnataka  
India- 575004

## ABOUT THE CONFERENCE

It is with great pleasure that we announce the **45<sup>th</sup> Annual Conference of the Indian Association of Biomedical Scientists**, hosted by **A.J. Institute of Medical Sciences and Research Centre, Mangaluru, Karnataka** from **6<sup>th</sup> to 9<sup>th</sup> November 2024**. The theme for this year's national conference is **"Empowering Health- Challenges and Solutions"**.

The event also includes **Dr. Sarada Subramaniyam Memorial pre-conference workshops** on 6<sup>th</sup> November 2024 with three lectures on the topics: **"Crafting a winning grant proposal: Practical tips for securing funding"**, **"Inferential Statistics"** and **"Nurturing Ethics in everyday life"**. Additionally, there will be a demonstration workshop on **"High throughput Nanopore sequencing overview"** by **Genotypic, Bengaluru**.

On behalf of the organizing committee, we extend a warm welcome and cordial invitation to all the members of IABMS and others who are interested, to actively participate in this significant event.

We are confident that this conference will create a dynamic platform where professionals, researchers and students can engage in meaningful dialogue, share cutting-edge research and collaborate on innovative solutions to the pressing health challenges of our time. The event will feature keynote addresses from renowned experts, interactive workshop and a series of panel discussions and paper/ poster presentations covering a wide range of topics within the health domain. This conference will also provide an excellent opportunity for networking, knowledge exchange and fostering partnerships that will contribute to achieving significant breakthroughs in the field of diagnostics and therapeutics.

The conference is particularly relevant for the scientists, clinicians, postgraduates, doctoral and postdoctoral students, biotech and pharma industry professionals, allied health and public health professionals and policy makers, professionals from regulatory agencies as well as from the fields of dental, pharmacy, nursing, physiotherapy and biomedical engineering.

We look forward to your active participation in making this conference a grand success.

**With warm wishes, Organizing Team**



## ABOUT THE SCIENTIFIC PROGRAMME

Empowering health involves a holistic approach to managing disease, advancing diagnostics, and improving treatment. By integrating these elements, we can enhance the overall quality of life and promote longevity. The conference will bring together leading experts, healthcare professionals, researchers, and policymakers to discuss the latest advancements and ongoing challenges in the field of health empowerment. The event will focus on three critical pillars: disease management, diagnostic innovations, and treatment advancements.

The primary goal of the conference is to share knowledge, foster collaboration, and develop strategies for a healthier future. Chronic diseases conditions such as diabetes, heart disease, and cancer; emergence of new infectious diseases, like COVID-19, and the re-emergence of old ones, such as tuberculosis and mental health disorders require ongoing management and pose significant challenges due to their long-term nature and the complexity of treatment. Addressing the challenges in each of these areas require a collaborative effort from governments, healthcare providers, researchers, and communities. Through the conference we envision to focus on prevention, early detection, and equitable access to treatments, and thereby to build a resilient healthcare knowledge that empowers individuals and promotes well-being across populations.



## ABOUT INDIAN ASSOCIATION OF BIOMEDICAL SCIENTISTS

The Indian Association of Biomedical Scientists (IABMS) was established in 1979, with its Head Office at the Dr. A.L.M Postgraduate Institute of Basic Medical Sciences, University of Madras, Taramani Campus, Chennai. The association's founding leadership included the acclaimed neurosurgeon, Prof. Dr. B. Ramamurthy, who served as the first President and Prof. Dr. S. Sarada Subramaniyam, a renowned physiologist, who was the first General Secretary.

IABMS is a pan-Indian organization that has seen tremendous growth over the past four decades. Originally, starting with a modest group of individuals in 1979, the association now boasts more than 1,500 life members. This growth is a testament to the association's significant impact and its commitment to advancing biomedical science in India.

The association is dedicated to recognizing and celebrating outstanding contributions in the field of biomedical science. To this end, IABMS has established several prestigious awards which are presented during its annual conference. These awards highlight the exceptional work of individuals who have made significant advancements in biomedical research and practice.

IABMS also plays a crucial role in the dissemination of scientific knowledge. It publishes an official journal, '**BIOMEDICINE**', which serves as a platform for the publication of high-quality scientific papers related to biomedical research. This journal is instrumental in promoting the exchange of knowledge and fostering collaboration among researchers and practitioners in the field.

Overall, IABMS stands as a pillar of excellence in the biomedical sciences community fostering innovation, collaboration, and recognition of outstanding scientific achievements. Its enduring commitment to the advancement of biomedical research continues to inspire and support scientists across India and beyond.





## ABOUT THE ORGANIZATION

A.J. Institute of Medical Sciences and Research Centre (AJIMS & RC) is an exceptional and innovative endeavor by the Laxmi Memorial Education Trust (R), a premier educational organization founded by the



esteemed educationist and philanthropist, Dr. A.J. Shetty. AJIMS & RC is dedicated to providing a global perspective on medical education and achieving the national objective of "Health for All." Through its unwavering efforts, the institution has positioned Mangaluru on the global map of medical education.

The institution envisions itself as a premier establishment that imparts medical education by effectively combining high academic standards, a professional outlook, rigorous research, and a commitment to humanitarian values. At AJIMS & RC, there is a strong commitment to delivering world-class medical and para-medical education.

The institution adopts an interactive educational philosophy that promotes better communication and understanding, ensuring students receive a holistic and comprehensive learning experience.

## ABOUT THE ORGANIZING DEPARTMENT

A J Research Centre was established with a vision to facilitate synergistic interactions between investigators with diverse backgrounds in basic sciences, clinical practice and engineering, thereby enabling a multi-disciplinary research environment at our educational campus. The primary objective of A J Research Centre is to promote and encourage staffs and students to undertake research in the fields of Basic sciences, Biosciences, Medicine, Allied Sciences, Bio-medical engineering and Dental Sciences that will add value to the public health and thereby for the betterment of the institution and community at large. A J Research Centre supports the researchers, both faculties and UG/PG students of all constituent colleges under Laxmi Memorial Education Trust®, with sophisticated instrumentation and infrastructure to conduct high quality research activities in the interdisciplinary areas and to create specialized research niche.



## OFFICE BEARERS AND EXECUTIVE COMMITTEE MEMBERS OF IABMS

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**Dr. E. Padmini**  
Chennai

**General Secretary**  
**Dr. V. Hemamalini**  
Chennai

**Treasurer**  
**Dr. G. Kulanthaivel**  
Chennai

**Editor-in-Chief, Biomedicine**  
**Dr. T. Thirunalasundari**  
Tiruchirappalli

**Immediate Past President**  
**Dr. Gopal Krishna Pal**  
Patna

**Vice Presidents**  
**Dr. Subrata Ghosh**  
Kolkata

**Dr. C.S Gautam**  
Chandigarh

**Dr. V. R. Bhagwat**  
Dhule

**Dr. Manjula Shantaram**  
Mangaluru

**Joint Secretaries**  
**Dr. S. Rajan**  
Mannarkudi

**Dr. G. Mathan**  
Tiruchirappalli

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Kolkata

**Dr. S. Balakumar**  
Kumbakonam

**Dr. A. Ganeshkumar**  
Chennai

**Dr. S. Jayachandran**  
Chennai

**Dr. S. Manimegalai**  
Tiruchirappalli

**Dr. C. Muthusamy**  
Perambalur

**Dr. Narkunaraja Shanmugam**  
Tiruchirappalli

**Dr. K. Premkumar**  
Tiruchirappalli

**Dr. Sandip Mukerjee**  
Kolkata

**Dr. B. Vijaya Geetha**  
Chennai



## PATRONS

**Dr. A J Shetty**

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**Smt. Sharada J. Shetty**

Director, LMET

**Shri. Prashanth Shetty**

Vice President, LMET

**Dr. Prashanth Marla**

Medical Director, AJHRC

**Smt. Ashritha P. Shetty**

Director, LMET

**Dr. Amitha P. Marla**

Director (Admin), AJHRC

## ORGANIZING COMMITTEE

**Organizing Chairperson**

**Dr. Ashok Hegde**

Dean, AJIMS & RC

**Organizing Secretary**

**Dr. Manjula Shantaram**

Chief of Research Centre, A J Research Centre

**Joint Secretaries**

**Dr. Kalpana Ashfaque**

Professor of Physiology, AJIMS & RC

**Dr. Chaithra S. Malli**

Assistant Professor of Microbiology, AJIMS & RC

**Dr. Sreeraj Surendran**

Assistant Professor and Research Coordinator  
AJ Research Centre



## ADVISORY COMMITTEE

### **Dr. Sushith**

Associate Dean, AJIMS & RC

### **Dr. K. Nillan Shetty**

Principal, AJIDS

### **Dr. Shantharam Rai**

Principal, AJIET

### **Dr. P. Mahabaleshwarappa**

Dean Academics, AJIET

### **Dr. Larissa Martha Sams**

Principal, LMCN

### **Dr. Sanjay Eapen**

Principal, LMCP

## COORDINATORS OF VARIOUS COMMITTEES

### **Scientific**

### **Dr. Vijaya Hegde**

Professor and HOD of Public Health and Dentistry, AJIDS

### **Registration**

### **Dr. Gnane Swarnadh Satapati**

Associate Professor of Electronics and Communication Engineering, AJIET

### **Abstract Book**

### **Dr. Chandrashekar R.**

Assistant Professor of Pharmacology  
AJIMS & RC

### **Invitation, Press & Media**

### **Dr. Janice D'Sa**

Associate Professor of Biochemistry  
AJIMS & RC

### **Transport & Accommodation**

### **Dr. Maria Nelliyanil**

Professor of Community Medicine  
AJIMS & RC

### **Reception**

### **Dr. Rashmi Ananth Pai**

Associate Professor & HOD of Speech & Hearing, AJIMS & RC

### **Technical Management**

### **Dr. Padmini Thalenjeri**

Professor of Physiology  
AJIMS & RC

### **Food & Refreshments**

### **Dr. Sreeraj Surendran**

Assistant Professor and Research Coordinator, AJ Research Centre

### **Purchase & Printing**

### **Dr. Chaithra S. Malli**

Assistant Professor of Microbiology  
AJIMS & RC

### **Cultural, Venue & Stage**

### **Dr. Kalpana Ashfaque**

Professor of Physiology  
AJIMS & RC

### **Finance & Sponsorship**

### **Dr. Manjula Shantaram**

Chief of Research Centre  
AJ Research Centre



## LOCAL ORGANIZING COMMITTEE

1. **Dr. Chandrashekar G. Joshi**, Professor of Biochemistry, Mangalore University, Mangaluru
2. **Dr. B.K. Sarojini**, Professor of Industrial Chemistry, Mangalore University, Mangaluru
3. **Dr. Maji Jose**, Dean of Student Affairs, Professor of Oral Pathology, Yenepoya Dental College, Yenepoya Deemed to be University, Mangaluru
4. **Dr. Ashwini S. Shetty**, Professor of Anatomy, Yenepoya Medical College, Yenepoya Deemed to be University, Mangalore
5. **Dr. N. Suchetha Kumari**, Professor of Biochemistry, KSHEMA, Nitte Deemed to be University, Mangaluru
6. **Dr. Anirban Chakraborty**, Director, Nitte University Centre for Science Education, Nitte Deemed to be University, Mangaluru
7. **Dr. Pramod Kumar**, Associate Dean, Professor of Dermatology, KMC, Mangaluru
8. **Dr. Ashok Shenoy K.**, Professor of Pharmacology, KMC, Mangaluru
9. **Dr. Beena Antony**, Professor of Microbiology, Father Muller Medical College, Mangaluru
10. **Dr. Shivashankara A.R.**, Professor of Biochemistry, Father Muller Medical College, Mangaluru
11. **Dr. Hemalatha Bangera**, Associate Professor of Anatomy, Srinivas Institute of Medical Sciences, Srinivas University, Surathkal
12. **Dr. Shreelaxmi Vijay Hegde**, Professor of Biochemistry, Srinivas Institute of Medical Sciences, Srinivas University, Surathkal
13. **Dr. Shrutakirthi D. Sheno**i, Professor and Head of Dermatology, Kanachur Institute of Medical Sciences, Mangaluru
14. **Dr. Yashvanth Kumar Rai K**, Professor and Head of Microbiology, Kanachur Institute of Medical Sciences, Mangalore
15. **Dr. Mamatha Ballal**, Director of Infectious Diseases and Professor of Microbiology, MAHE, Manipal
16. **Dr. Shama Prasada K.**, Professor and Head of Cell & Molecular Biology, Manipal School of Life Sciences, Manipal



## MAJOR THEMES

<b>Diseases</b>	Communicable and Non-communicable diseases (Epidemiology, Community based studies, Prevalence, taboos related to women health/ diseases, infertility, cancer, mental health)
<b>Diagnosis</b>	Artificial Intelligence in Health Sector Biomedical Advances in Health Sector Clinical Biomarkers and Molecular Techniques
<b>Treatment</b>	Omics in precision medicine Nutraceuticals and Biotherapeutics Regenerative Medicine Nanomedicine
<b>Symposia</b>	Women's Healthcare, Oral Healthcare

## NOMINATIONS FOR THE TITLE OF FIABMS

Only annual or life members of IABMS are eligible for the award of the title of FIABMS. The process for application involves sending an application to the General Secretary, IABMS. The details on how to become a member of IABMS are available at <https://iabms.org/membership/>

\*\*For FIABMS title, please remit a DD for Rs. 5000/- along with the application.

## AWARDS FOR YOUNG RESEARCHERS

Awards for the best poster and oral presentations will be given to the young researchers as per IABMS guidelines. Few travel awards shall also be given to the deserving students and young faculty members as per IABMS guidelines.

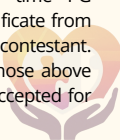


## AWARDS INSTITUTED BY IABMS – 2024

IABMS has instituted 19 awards and prizes under different categories. Those who would like to apply for the following awards must be an annual or life member of the association. All the papers must be accompanied by a duly filled in declaration form (Format is enclosed). The manuscripts for the prize papers should be in Microsoft format (Times new roman, font size 12) and submitted (soft and hard copies) to "The General Secretary IABMS, F - Block F - 199, 1st Street, Anna Nagar East, Chennai – 600 102 on or before 30<sup>th</sup> September 2024.

### LIST OF AWARDS AND PRIZES - INSTITUTED BY IABMS\*

- **M K NAMBIAR MEMORIAL ORATION AWARD** - for an eminent scientist. This award is to be given to an outstanding scientist in Medical and Allied fields in a year and to a scientist of another faculty in the succeeding year. The Executive committee will select the awardee each year.
- **Dr. E. BALAKRISHNAN MEMORIAL AWARD** - the best research paper in ophthalmology for scientists below the age of 45 Years.
- **Mrs. THANGAM VASUDEVAN AWARD** - for the best research paper in any aspect of Biomedical Sciences, for Scientists below the age of 45 years.
- **INDRA VASUDEVAN AWARD** - for the best research paper on Prevention/Cure or any other aspect of Cancer. If no paper is available on Cancer, it is left to the discretion of the Committee to give the award to any other good research paper. Upper age limit is 45 years.
- **SIRI RESEARCH AWARD** - for the best paper on any aspect of Stress. Upper age limit for this prize is 45 years.
- **Dr. YELLAPRAGADA SUBBAROW MEMORIAL AWARD** - for the best paper published in 'Biomedicine' during the previous one year. The selection will be made by the nominee of the Donor. Hence, no separate entry for this prize need to be submitted.
- **PROF N PADMANABHAN MEMORIAL AWARD** - for the best paper in physiology comprising the work carried out in any departments of physiology by a postgraduate student of physiology.
- **THE PGIBMS AWARD** - for the best oral-presentation of an original paper in any field of Biomedicine in the PGIBMS award session by a full time PG Student/Research scholar. The paper must be accompanied by a certificate from the Head of the Department to establish the bonafideness of the contestant. Papers submitted by regular teaching faculty of a department and those above the age of 35 years are not eligible for this award. No paper will be accepted for PGIBMS award session if submitted at the venue of the conference.



## AWARDS INSTITUTED BY IABMS – 2024

- **Dr. P S LALITHA AWARD** - for the best research paper by a professional undergraduate, who may be an undergraduate of Veterinary or any other professional course excluding Medicine. The research paper must contain the student's original work and the student should be the first author. Review articles will not be considered for this award. In any year if there is many eligible candidates two of them will be selected for the award by a selection panel, appointed by the Executive Committee of IABMS.
- **Dr. LEELA KRISHNAMURTI MEMORIAL AWARD** - for the best paper by any Medical undergraduate Papers submitted will be evaluated by a peer group for short-listing a minimum of three contestants for presentation at the Annual conference. The selected three candidates will be adjudged at the Annual Conference by a panel of Judges appointed from among the experts attending the Conference and two prizes will be awarded.
- **Dr. BRAMMAIAH SASTRI MEMORIAL AWARD** - for Biomedical Scientists of Eminence with proven academic and research contribution with not less than 25 years of professional standing. Eligible persons are to be nominated by a life member of IABMS/Peer Academicians. Self- Nominations will not be entertained. The nominations are to be made on a plain paper with full address and designation of the proposer and the Nominee. The proposal should have the consent letter of the nominee and his/her full biodata and overall contribution made by him/her. The nominations will be scrutinized by the Executive Committee / Subcommittee and the final decision will be taken by the Executive Committee. The selected Scientist for this award will receive a Medal and a Scroll. If no nomination is received for in a particular year, the Executive Committee can itself spell out a suitable person for the award.
- **AGATHIYAR AWARD** - The award will be given to the best research paper in any branch of Indigenous medicine such as Ayurveda, Unani and Siddha except homeopathy.
- **Dr. C R KRISHNAMURTHY MEMORIAL AWARD** - This award is for a Biomedical scientist of eminence in the field of Environmental Toxicology/Environmental Biology with proven academic and research contribution and with not less than 25 years of professional standing. Eligible persons are to be nominated by a life member of IABMS/Peer academicians. Nomination should be accompanied by consent letter and the biodata of the nominee.





## AWARDS INSTITUTED BY IABMS – 2024

- **Mr. V V SWAMINATHAN DIAMOND JUBILEE RESEARCH ENDOWMENT AWARD**  
- This Award will be given to an eminent scientist who has done an outstanding contribution in the scientific evaluation of medical properties of plants. The eligibility for the award will be a minimum period of 20 years of research-cum-teaching experience in the evaluation of medicinal plants for their therapeutic use. Eligible persons are to be nominated by two life members of IABMS/ academicians. Nomination should be accompanied by consent letter and biodata of the nominee.
- **Dr. A NAMASIVAYAM AWARD** - This award is exclusively meant for mid-level scientist (above 40 years) for his/ her original work done in the respective speciality in Indian basic medical sciences. An expert committee formed by the donor department namely "Dept. of Physiology, PGIBMS" will evaluate the received papers and the decision of the committee is final.
- **Dr. M S KRISHNAMOORTHY AWARD** - The award will be given to a scientist (no limit in age) who has contributed original research output to develop a new research methodology in the discipline of Pharmacology and Environmental toxicology. An expert committee consisting of Pharmacologists and Toxicologists nominated by executive committee will select the awardee.
- **PROF SUNDARAM SUBRAMANIAM ORATION AWARD** - The Award is exclusively meant for an eminent scientist above 50 years of age in any branch of Medical Sciences who is a life member of IABMS. A peer committee constituted by the executive committee of IABMS in consultation with the donor will select the awardee.
- **PROF. SP THYAGARAJAN-PROF S RAJARAJAN ENDOWMENT AWARD**
- **JAYA GROUP OF INSTITUTIONS AWARD**

**Note:** The awards, namely, Dr. E. Balakrishnan Memorial Award, Mrs. Thangam Vasudevan Award, Indra Vasudevan Award and Siri Research Award are based on original work conducted preferably in India and should not have been published or considered for publication in any journal at the time of submitting it for IABMS awards.



## SCIENTIFIC SCHEDULE

On 6<sup>th</sup> November 2024

Dr. Sarada Subramaniam Memorial Pre-Conference Workshop

S. No.	Time	Topic	Resource Person
<b>Workshop 1 (Lectures)</b>			
1.	9.00 - 10.30 am	"Crafting a winning grant proposal: Practical tips for securing funding"	<b>Dr. Soujanya Kaup</b> Associate Professor of Ophthalmology, Yenepoya Medical College, Mangaluru
	10.30 - 11.00 am	<b>Tea/ Coffee Break</b>	
2.	11.05 - 1.00 pm	"Inferential statistics"	<b>Ms. Reshma Kolar</b> Biostatistician, AJIMS & RC
	1.05 - 2.00 pm	<b>Lunch Break</b>	
3.	2.05 - 3.30 pm	"Nurturing ethics in everyday life"	<b>Dr. Padmini Thalanjeri</b> Professor of Physiology AJIMS & RC
<b>OR</b>			
<b>Workshop 2 (Demonstration)</b>			
1.	9.00 - 12.55 pm	"High throughput Nanopore sequencing overview"	<b>Dr. Sridharan J.</b> Genotypic, Bengaluru
	1.00 - 2.00 pm	<b>Lunch Break</b>	
2	2.00 - 5.00 pm	"High throughput Nanopore sequencing overview"	<b>Dr. Sridharan J.</b> Genotypic, Bengaluru

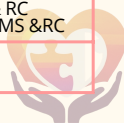
**DEMONSTRATION WORKSHOP ORGANIZED BY:**



# SCIENTIFIC SCHEDULE

On 7<sup>th</sup> November 2024

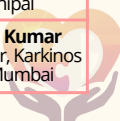
S. No.	Time	Topic	Resource Person
1.	9.00 - 10.30 am	Inaugural Program	Chief Guest : <b>Dr. T. S. Rao</b>
2.	10.30 - 11.25 am	Keynote address on "Importance of genetics and genetic testing in medicine"	<b>Dr. T.S. Rao</b> Scientist H (Former) DBT, New Delhi
	11.30 - 11.50 am	<b>Tea/ Coffee Break</b>	
3.	12.00 - 12.40 pm	<b>M.K. Nambiar Memorial Oration</b>	
4.	12.45 - 1.25 pm	<b>Prof. Sundaram Subramaniam Memorial Oration</b>	
	1.30- 2.25 pm	<b>Lunch Break</b>	
5.	2.30 - 2.55 pm	"Health problems faced by developing India"	<b>Dr. V.M. Katoch</b> Former Director - General ICMR New Delhi
6.	3.00- 3.25 pm	"Meeting the Challenges of AMR - Let's talk about Indigenous Innovative Solutions"	<b>Dr. Vikas Gautam</b> Professor of Microbiology PGIMER Chandigarh
7.	3.30- 3.55 pm	"Mental Health - Taboos, Problems and Solutions"	<b>Dr. Ajit V. Bhide</b> Consultant Psychiatrist St. Martha's Hospital Bengaluru
8.	4.00- 5.00 pm	<b>SYMPOSIUM ON WOMEN'S HEALTHCARE</b> <b>"WHAT ARE THE WAYS TO OVERCOME THE CHALLENGES FACED BY WOMEN?"</b>  <b>Dr. Maria Nelliyanil - Moderator</b> Professor of Community Medicine, AJIMS&RC <b>Panelists</b> <b>Dr. Shrutakirthi D. Shenoi</b> , Professor and Head of Dermatology Kanachur Institute of Medical Sciences, Mangaluru <b>Dr. Gautam C.S.</b> , Professor of Pharmacology, Govt. Medical College & Hospital, Chandigarh <b>Dr. N. Suchetha Kumari</b> , Professor of Biochemistry, Nitte Deemed to be University, Mangaluru <b>Dr. Vatsala Kamath</b> , Professor of OBG, AJIMS & RC <b>Dr. Padmini Thalanjeri</b> , Professor of Physiology, AJIMS & RC	
	5.00- 5.30 pm	<b>Tea/ Coffee Break</b>	



## SCIENTIFIC SCHEDULE

On 8<sup>th</sup> November 2024

S. No.	Time	Topic	Resource Person
9.	9.00-9.25 am	"Cancer Diagnosis & Treatment"	<b>Dr. Kamalaksha Shenoy</b> Professor and Head of Radiation Oncology AJIMS & RC
10.	9.30 - 9.55 am	"From lab to clinic: The promise of molecular markers in cervical cancer"	<b>Dr. Shama Prasada K.</b> Professor and Head of Cell and Molecular Biology Manipal Life Sciences Centre Manipal
11.	10.00-10.25 am	"Essentiality of laboratory tests in diagnosis and treatment"	<b>Dr. Shivananda Nayak</b> Former Deputy Dean Graduate Studies & Research, University of the West Indies
	10.30 - 11.00 am	<b>Tea/ Coffee Break</b>	
12.	11.00 - 11.25 am	"Multiomics Platforms to Develop Novel Diagnostics and Therapeutics"	<b>Dr. Keshav Prasad T.S</b> Professor & Deputy Director YRC, Yenepoya Deemed to be University, Mangaluru
13.	11.30 - 11.55 am	"Genetic diagnosis and treatment"	<b>Dr. Suruchi Aggarwal</b> Senior Scientist, Oncology Medgenome, Bengaluru
14.	12.00 noon-12.25 pm	"Role of Artificial Intelligence in Healthcare"	<b>Dr. Padmini Thyagarajan</b> Chennai, President of IABMS, Researcher in AI in Healthcare with US Collaboration
	12.30 - 2.00pm	<b>Lunch break</b>	
15.	2.00 - 2.25 pm	"The promise of stem cell therapy in regenerative medicine"	<b>Dr. Samatha Bhat</b> Assistant Professor Manipal Centre for Biotherapeutics Research MAHE, Manipal
16.	2.30 - 2.50 pm	"The future of immunotherapy in cancer management"	<b>Dr. Prashanth Kumar</b> Research Director, Karkinos Healthcare, Mumbai



## SCIENTIFIC SCHEDULE

S. No.	Time	Topic	Resource Person
17.	3.00-4.30 pm	<p><b>SYMPOSIUM ON ORAL HEALTHCARE "CHANGING SMILES"</b></p> <p><b>Dr. Merwyn Nitin Gonsalves</b> - Moderator Reader, Dept. of Oral Pathology, AJIDS</p> <p><b>Panelists</b></p> <p><b>Dr. V. Hemamaliini</b>, General Secretary, IABMS, Chennai</p> <p><b>Dr. Nandini Manjunath</b>, Professor &amp; Head of Periodontics, AJIDS</p> <p><b>Dr. Aftab Damda</b>, Professor &amp; Head of Conservative Dentistry &amp; Endodontics, AJIDS</p> <p><b>Dr. Manjunath Rai</b>, Professor &amp; Head of Oral &amp; Maxillofacial Surgery, AJIDS</p> <p><b>Dr. Vidya K. Shenoy</b>, Professor &amp; Head of Prosthodontics &amp; Crown Bridge, AJIDS</p> <p><b>Dr. Nillan K. Shetty</b>, Dean AJIDS, Professor &amp; Head of Orthodontics, AJIDS</p>	
	4.40-5.15 pm	<b>Tea/ Coffee Break</b>	
<b>BANQUET</b>			



## SCIENTIFIC SCHEDULE

On 9<sup>th</sup> November 2024

S. No.	Time	Topic	Resource Person
18.	9.00-9.25 am	"Role of Biomedical Research in Healthcare"	<b>Dr. Velluri Sudhakar</b> DST, New Delhi
19.	9.30-10.00 am	"Targeting reprogramming of tumor metabolism for improving the efficacy of cancer therapy"	<b>Dr. B.S. Dwarakanath</b> Senior Scientist, Indian Academy Degree College-Autonomous, Bengaluru
20.	10.00 - 10.25 am	"Role of Gut Microbes in Healthcare"	<b>Dr. Palok Aich</b> Dean R&D, National Institute of Science Education and Research, Bhubaneswar Orissa, An Autonomous Institute Under DAE, Govt. of India
	10.30 - 11.00 am	<b>Tea/ Coffee Break</b>	
21	11.05 - 11.30 am	Theragnostics	<b>Dr. Rao Papineni</b> University of Kansas Medical Center, Kansas USA
22.	11.35 - 1.30 pm	"Importance of Plant-based Medicine"	Chief Guest <b>Dr. S.Natesh</b> Scientist H (Former) DBT New Delhi
		<b>Valedictory</b>	
	1.30 - 2.30pm	<b>Lunch break</b>	



## REGISTRATION FEE

Category	Before 15 <sup>th</sup> October 2024	After 15 <sup>th</sup> October 2024
<b>Conference</b>		
IABMS members (Faculty)	Rs. 2000	Rs. 2500
Non-members (Faculty)	Rs. 2500	Rs. 2800
Research Scholars/ PGs/ Postdocs	Members: Rs. 1000 Non-members: Rs. 1250	Members & Non-Members : Rs. 1500
Students	Members: Rs. 700 Non-members: Rs. 800	Members: Rs. 800 Non-members: Rs. 900
Spot registration (Faculty)	-	Rs. 3000
Spot registration (Research scholars/ PGs/ Postdocs)	-	Rs. 2000
Spot registration (Students)	-	Rs. 2000
<b>Pre-conference Workshop Registration</b>	Rs. 500	Rs. 750
<b>Combo offers to Students (Non-members) for Pre-conference Workshop + Conference</b>	Rs. 1000	Rs. 1500
<b>Combo offers to Research Scholars, PGs, Postdocs (Non-members) for Pre- conference Workshop + Conference</b>	Rs. 1500	Rs. 2000
<b>Combo offers to Faculty (Non-members) for Pre-Conference Workshop + Conference</b>	Rs. 2800	Rs. 3000

For conference and workshop registration please use the link <https://tinyurl.com/3zjbm8jd> or scan the QR code.

Abstract submission/registration is open from 1<sup>st</sup> August 2024 till 15<sup>th</sup> October 2024 (early bird) and till 31<sup>st</sup> October 2024 (late).

**For queries related to registration please contact Dr. Gnane Swarnadh Satapati (gnaneswarnadhSATAPATHI@AJIET.EDU.IN)**



**SCAN ME!**

## ABSTRACT SUBMISSION

All abstracts for oral and poster presentation to be sent to **abstract.iabms@gmail.com** with subject as **“Abstract for oral presentation”** or **“Abstract for poster presentation”**. Selection of abstract will be notified through mail.

**The oral / poster presentation is open to everyone, including participants from Medical, Dental, Allied Health, Life Sciences, Biomedical and Engineering streams, based on the major themes.**

Abstract will be considered for the publication only if the presenting author has registered for the conference. Only one paper is allowed per presenter. If an abstract is accepted and the presenter does not register, the abstract will be withdrawn. Accepted abstracts will be published in the conference abstract book.

For further details on abstract and presentation guidelines, kindly visit <https://sites.google.com/view/iabms2024/abstract-submission/> or scan the QR code below:



### Important Dates for Oral / Poster Presentation

<b>Abstract Submission Deadline</b>	15 <sup>th</sup> September 2024
<b>Abstract Acceptance Notification</b>	20 <sup>th</sup> September 2024
<b>Submission of Oral Presentation</b>	31 <sup>st</sup> October 2024





KARNATAKA



Karnataka, colloquially known as **Karunāḍu**, is a captivating state nestled in the southwestern part of India. Spanning from Belgaum in the north to Mangaluru in the south, Karnataka is a land of remarkable diversity. The principal language, Kannada, binds its people together, with citizens who speak it being known as Kannadigas.

The state's geographical tapestry is as varied as its cultural heritage. The Karavali region, flanked by the Arabian Sea to the west, is renowned for its picturesque beaches and swaying coconut palms. Popular coastal destinations include Karwar, Gokarna, Murdeshwar, Malpe, Ullal, and Mangaluru.

To the east lies Malenadu, home to the lush Western Ghats, with its mountains, valleys, and verdant farmlands. Further east, the Bayalu Seemae or plateau region features expansive plains and a unique landscape.

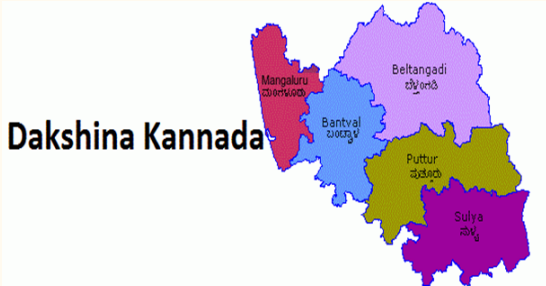
Karnataka, the sixth-largest state in India, not only boasts stunning natural beauty but also a rich cultural legacy. Ancient art forms like Yakshagana and Dollu Kunita are integral to its vibrant traditions. The state is also known for its highly educated population. With a robust educational infrastructure, nearly half of its schools are managed by the government, while the rest are overseen by local boards and private entities. Compulsory free primary education is widely available, reflecting Karnataka's commitment to learning and growth.

In Karnataka, every region offers a distinct experience, from its serene beaches and verdant hills to its dynamic cultural expressions and educational advancements, making it a truly diverse and fascinating destination.



## DAKSHINA KANNADA

Dakshina Kannada district, situated in the state of Karnataka, India, has its administrative center in the coastal city of Mangaluru. This district is part of the broader Tulu Nadu region and is geographically positioned between the Western Ghats to the east and the Arabian Sea to the west. The area is known for its heavy monsoon rainfall, which contributes to its lush landscapes. It is bordered by the Udupi district to the north, Chikmagalur district to the northeast, Hassan district to the east, Kodagu to the southeast, and the Kasaragod district of Kerala to the south. As of the 2011 census, Dakshina Kannada had a population of 2,083,625. Notably, it is the only district in Karnataka equipped with comprehensive transportation options, including road, rail, water, and air, thanks to the pivotal role of Mangaluru as a major transport hub.



## MANGALURU

Mangaluru, often referred to as the "Gateway to Karnataka," is a vibrant coastal city renowned for its scenic beauty and rich cultural heritage. Nestled along the Arabian Sea, this bustling port city in southwestern India is celebrated for its picturesque landscapes, historic significance, and welcoming atmosphere.

The city's stunning coastline is a major draw, with golden beaches like Panambur and Tannirbavi offering pristine sands and clear waters. The serene surroundings provide a perfect backdrop for relaxation and leisure, while the vibrant local markets and eateries add a lively urban touch.

Mangaluru is also famed for its rich cultural tapestry. The city's architecture reflects its diverse history, with beautiful temples, mosques, and churches standing as testaments to its multicultural heritage. Notable landmarks include the Kadri Manjunath Temple, known for its ancient Dravidian architecture, and the St. Aloysius Chapel, famous for its exquisite frescoes.

The culinary scene in Mangaluru is a delight for food lovers. Known for its unique coastal cuisine, the city offers a variety of dishes such as the spicy Mangalorean fish curry, the iconic Neer Dosa, and the delectable Mangalorean buns. The vibrant local food scene captures the essence of the region's rich agricultural and maritime history.

In addition to its natural and cultural attractions, Mangaluru is a hub of education and industry. The city is home to prestigious institutions and a growing IT sector, contributing to its dynamic and progressive spirit.

Mangaluru's blend of scenic beauty, cultural richness, and modern vibrancy makes it a captivating destination, offering a unique and memorable experience for every visitor.



## PLACES TO VISIT



### **Mangala Devi Temple**

Located 3 km from Mangaluru Railway Station in the Bolara locality, Mangaladevi Temple is dedicated to Goddess Mangala Devi, the namesake of Mangaluru. Built in the 9th century, it holds historical significance and is renowned for its Navarathri festival. It is particularly visited by unmarried girls seeking a suitable groom.

### **Kudroli Temple**

Kudroli Temple, 2.5 km from Mangaluru Railway Station, is a prominent Hindu temple dedicated to Gokarnanatheswara, a form of Lord Shiva. Founded in 1912 by H. Koragappa under Narayana Guru's guidance, it features a marble Shiva Linga and hosts the grand Navarathri festival, similar to Mysore Dasara.



### **Kadri Manjunatha Temple**

Kadri Temple, 4 km from Mangaluru Railway Station, is renowned for its 10th-century origins and 14th-century stone structure. Dedicated to Sri Manjunatha, a form of Lord Shiva, it features a 1.6m bronze statue with three faces and six arms. The temple is known for its natural spring and the Lakshadeepotsava festival.



## PLACES TO VISIT



### Sri Durga Parameshwari Temple Kateel

The Sri Durga Parameshwari Temple in Kateel is a revered shrine located on an islet in the Nandini River. Known for its spiritual significance, it is accessible via road from Mulki Railway Station. The temple is located 28.8 km away from Mangaluru Central Railway Station and 17.1 km away from Mangaluru Airport.

### Polali Rajarajeshwari Temple

The Polali Rajarajeshwari Temple, situated in Polali, 18.8 km away from Mangaluru, is dedicated to Shri Rajarajeshwari. Built in the 8th century AD by King Suratha, the temple has been expanded and enhanced by various dynasties that ruled the region.



### St. Aloysius Chapel

St. Aloysius Chapel, or the chapel of St. Aloysius College, is a Catholic chapel in Mangaluru, 1.5 km away from Mangaluru Central Railway Station. The Chapel is situated in the heart of the city on the Lighthouse Hill. It was constructed by Jesuit Missionaries in 1880.

### Ullal Darga

Located 9 km from Mangaluru Railway Station, Ullal is renowned for the Durgah of Saint Syed Mohammad Sherifulla Madani. The Ullal Jamma Masjid is a key pilgrimage site. The saint, who arrived from Medina in 1569, aided the poor with his spiritual powers. The tomb, built by Vittarasa Vodeya, attracts thousands for the Urus festival held every five years.



## PLACES TO VISIT

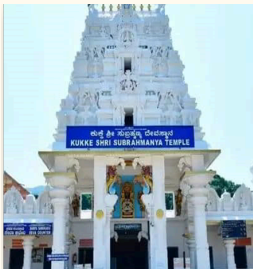


### Karkala Gomatheshwara Statue

Located just 56km from Mangaluru, the Gomatheshwara Temple features a remarkable 40-foot-tall Jain statue. Dating back to the 15th century, this monolithic statue is carved from a single block of stone and stands majestically on a hilltop.

### Dharmasthala Temple

The distance from Mangaluru to Dharmasthala is 74 km, and the journey by bus takes about 2 hours. The Shri Kshetra Dharmasthala temple, a significant religious site in India, is over 800 years old. The chief deity, Manjunatheshwara, also known as Dharmasthala Manjunatha, is worshipped in the form of a Shivalinga. This sacred shrine has established Dharmasthala as an important spiritual destination, revered for its holiness and history.



### Kukke Subramanya Temple

The Kukke Subrahmanya Temple, located 108 km from Mangaluru, is a renowned, 700 years old Hindu temple in Karnataka, India. It is dedicated to Lord Kartikeya, revered as the lord of serpents, and offers a serene and peaceful experience for visitors.



## PLACES TO VISIT



### **Kollur Mookambika Temple**

Located at 128 km away from Mangaluru, in Kollur, Udupi District, Karnataka, the Mookambika Devi Temple is dedicated to the Mother Goddess, a union of Adipara Shakthi and Parabramha. It is one of the 108 Durgalayas and 108 Shilyavasa, established by Adi Shankaracharya and part of Parashurama's seven abodes of Salvation. The temple is believed to be 1200 year old.

### **Udupi Sri Krishna Temple**

Located 57 km from Mangaluru, Sri Krishna Temple in Udupi, Karnataka, is a significant Hindu pilgrimage site in South India, built in the 13th century. Thousands of devotees visit this temple town to offer prayers to Lord Krishna.



### **Gokarna Murudeshwara Temple**

Murudeshwar, 156 km from Mangaluru, is famous for its Shiva statue, while Gokarna is known for its beach trails. In Honnavar, calm your mind with a walk through beautiful woods and green mangrove trees, or enjoy a boat ride, perfect for a calming experience. The temple is believed to be built in the 16th century.



## PLACES TO VISIT



### Saavira Kambada Basadi

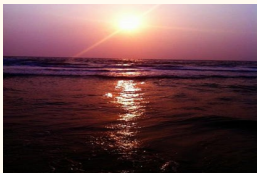
The Saavira Kambada Basadi, or Thousand Pillars Temple, is 34 km from Mangaluru Junction and 25 km from Mangaluru International Airport. Known for its unique design with non-identical pillars, this 15th-century Jain temple is a key pilgrimage site in Moodubidri, often called the “Jain Varanasi” of South India

### Kudupu Anantha Padmanabha

Kudupu Anantha Padmanabha Temple, located 8.8 km away from Mangaluru Central Railway Station, renowned for its dedication to Lord Vishnu. The temple's intricate architecture and serene atmosphere attract devotees seeking spiritual solace. Known for its vibrant festivals and rituals, it holds a significant place in the local community's religious and cultural life.



### Tannirbhavi Beach



### Panambur Beach



### Surathkal Beach



### Padubidri Beach (“Blue Flag Beach”)





## ACCOMMODATION

No.	Hotel Name and Address	Distance from Venue	Contact No.
1.	<b>Moti Mahal</b> Hampankatta, Mangaluru	4.8km	Mr. K.M. Hegde Manager +91-9741165600  Mr. Melroy Jerry Pais +91 -9741165600/ +91- 9004338764
2.	<b>A J Grand</b> Karangalpady, Mangaluru	3.9km	Mr. Yogesh Front Office Manager +91-9108442483
3.	<b>A J Grand Elite</b> Yekkur, Mangaluru	6.6km	Mr. Julies +91- 6366535002  Mr. Shravan +91- 6366535007
4.	<b>Hotel BMS</b> Derebail, Mangaluru	0.8km	+91-7899917277
5.	<b>Ocean Pearl Inn</b> Bejai-Kapikad, Mangaluru	2.1 km	0824- 2863800
6.	<b>Hotel Deepa Comforts</b> MG Road, Mangaluru	3.4km	0824 - 2497101
7.	<b>Hotel Goldfinch</b> Jyothi Circle, Mangaluru	4.4km	0824 - 4245678
8.	<b>Woodlands Hotel</b> Hampankatta, Mangaluru	5.1 km	0824 - 2443752
9.	<b>Sunroyal</b> Kuntikana, Mangaluru		

\*\*\* More information on special tariff for delegates is mentioned on the website.

**For further enquiries regarding accommodation, kindly contact:**

**Dr. Maria N. (Mob. No. +91-9481915969)**



## IMPORTANT DATES

Pre-conference Workshop	6 <sup>th</sup> November 2024
Conference	7 <sup>th</sup> - 9 <sup>th</sup> November 2024
Early Bird Registration Deadline	15 <sup>th</sup> October 2024
Late Registration Deadline	31 <sup>st</sup> October 2024
Abstract Submission Deadline	15 <sup>th</sup> September 2024
Abstract Acceptance Notification	20 <sup>th</sup> September 2024
Submission of Oral Presentation	31 <sup>st</sup> October 2024

## FOR ANY FURTHER QUERIES

**Organizing Secretary**

**Dr. Manjula Shantaram**

**Chief of Research Centre**

**A.J. Institute of Medical Sciences and Research Centre**

**NH-66, Kuntikana, Mangaluru, Karnataka- 575 004**

Email : [iabmsconference45@gmail.com](mailto:iabmsconference45@gmail.com)

Conference website: <https://sites.google.com/view/iabms2024/>

IABMS Official Website : <https://www.iabms.org/>

## HOSPITALITY PARTNERS

**Moti Mahal Hotel**



**AJ Grand Hotel**



**AJ Grand Elite Hotel**

