



ST ALOYSIUS
(DEEMED TO BE UNIVERSITY)
MANGALURU 575 003 - INDIA
Category-1 University by UGC



RANKED 73rd
ALL INDIA 2025

BBC CURE



INTERNATIONAL CONFERENCE ON THE NEW BIOMEDICAL LANDSCAPE

Health, Medicine, Innovation and
the Age of Artificial Intelligence

BBC CURE Series 2026



7–8 December 2026



St Aloysius (Deemed to be University)
Mangaluru, Karnataka, India

Organised by

**School of Life Sciences &
School of Information Science & Technology**
in collaboration with BBC CURE – PACT & Health, USA



ABOUT THE CONFERENCE

The international conference on “The New Biomedical Landscape: Health, Medicine, Innovation and the Age of Artificial Intelligence (BBC CURE Series 2026)” is a multidisciplinary scientific platform bringing together international and national scientists, medical professionals, researchers, academicians, AI and bioinformatics experts, young investigators and students to explore emerging advances at the interface of cancer biology, biomedical sciences, radiation and nuclear medicine, nanotechnology, artificial intelligence and computational approaches in healthcare.

The conference promotes knowledge exchange, networking, knowledge translation, collaborative research and meaningful interaction between basic scientists and clinical professionals, while providing opportunities for young researchers and healthcare professionals to engage with leading experts and emerging areas of research.



ABOUT BBC CURE

BBC CURE (Bridging Brains Towards Cancer Cure) is a Cancer Moonshot Program conceptualized by Dr. Papineni in 2014 in the USA. The non-profit initiative aims to equip young scientists as New Cancer Warriors through knowledge transfer and scientific engagement, overcoming limitations of traditional lab settings and conferences. BBC CURE integrates interdisciplinary research, education and global collaboration to accelerate innovation in cancer biology, biomedical sciences and emerging technologies for improved cancer prevention, diagnosis and therapy.



ABOUT ST ALOYSIUS (DEEMED TO BE UNIVERSITY)

St Aloysius (Deemed to be University), Mangaluru, is a premier institution committed to excellence in teaching, research and community engagement. Rooted in Jesuit educational traditions, the University strives to foster intellectual growth, ethical leadership and social responsibility among students. The University offers a wide range of undergraduate, postgraduate and research programmes across diverse disciplines and emphasises holistic education, innovation and service to society.

CONFERENCE THEMES

I Molecular and Translational Life Sciences

- Molecular Biology and Genetics
- Genomics and Proteomics
- Cell Biology and Biochemistry
- Microbiology and Microbial Biotechnology
- Microbiome and Host–Microbe Interactions
- Infectious Diseases and Biotechnology

II Cancer Biology and Biomedical Sciences

- Cancer Biology and Immunology
- Cancer Metabolism
- Nanotechnology and Drug Discovery
- Targeted and Cellular Therapies
- Biomedical Sciences and Therapeutics

III Radiation, Imaging and Precision Medicine

- Radiation Biology and Oncology
- Nuclear Medicine and Radiochemistry
- Molecular Imaging
- Theranostics
- Precision Medicine

IV Artificial Intelligence, Bioinformatics and Data Science

- AI, Machine Learning and Generative AI
- Bioinformatics and Computational Biology
- Deep Learning and Data Science
- AI in Healthcare and Health Informatics
- Big Data Analytics and Cancer Informatics

V Sustainable Science, Green Technology and Digital Innovation

- Plant Sciences and Agricultural Technology
- Environmental Biotechnology and Natural Products
- Sustainability and Climate Technologies
- Smart Agriculture and IoT
- AI and Data Science for Sustainability
- Green Computing and Digital Technologies

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St Aloysius (Deemed to be University)

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Professor,
Department of Botany

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Dean, School of Life Sciences



Dr Rao V L Papineni
President, BBC CURE

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Convenor



Dr Sana Sheikh
Co-Convenor



Dr Vaishali Rai M
Organising Secretary



Dr Vanaja
Co-Organising
Secretary

INVITED SPEAKERS



Dr Rao V. L. Papineni

University of Kansas
Medical Center, USA



Dr Shahid Umar

University of Kansas
Medical Center, USA



Dr Gayle E. Woloschak

Northwestern University,
Chicago, USA



Dr Prem Saganti

Texas A&M University,
USA



Dr Bobba Kondappa

University of Tennessee,
Knoxville, USA



Dr B. S. Dwarkanath

Indian Academy Group
of Institutions, India



Dr Prashanti Karyala

MS Ramaiah University,
India



Dr Ekta Tripathi

MS Ramaiah University,
India



Dr Suresh P S

NIT Calicut, India



Dr Vishwanatha Pai Muroor

MGM College, India



Dr Ruban S

St Aloysius University,
India



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CALL FOR PAPERS



INVITATION

Delegates are invited to submit original research papers for Oral and Poster Presentations related to the themes of the conference.



PUBLICATION OPPORTUNITY – AL-SHODHANA

Al-Shodhana (ISSN: 2320-6292; eISSN: 3049-3870) is a multidisciplinary, double-blind peer-reviewed, refereed and open-access research journal published by St Aloysius (Deemed to be University), Mangaluru. The journal follows a double-blind peer-review process and is published biannually.

No article processing charges.



ABSTRACT SUBMISSION GUIDELINES

- 1 Abstracts should be written in English and limited to **250–300 words**.
- 2 Include title, author names, affiliations, background, objectives, methodology, key findings and conclusion.
- 3 Highlight the novelty, scientific significance and practical relevance of the research.
- 4 Provide **3–5 keywords**.
- 5 Adhere to the prescribed formatting guidelines.
- 6 All submissions will undergo review by the scientific committee.
- 7 Submit your abstract to:
ichmai@staloysius.edu.in
- 8 The **Best Paper** will be recognized with an award.



CONFERENCE THEMES

- I Molecular and Translational Life Sciences
- II Cancer Biology and Biomedical Sciences
- III Radiation, Imaging and Precision Medicine
- IV Artificial Intelligence, Bioinformatics and Data Science
- V Sustainable Science, Green Technology and Digital Innovation



GUIDELINES FOR FULL-LENGTH PAPER SUBMISSION

- 1 Papers must be original and unpublished in any form, language, conference proceedings, or journal.
- 2 All manuscripts will undergo plagiarism screening and expert review. Authors are responsible for language accuracy and originality.
- 3 The first page should include the title, author(s), affiliation, complete address, phone number and e-mail address.
- 4 Only cited references should be included, arranged alphabetically in APA format.
- 5 Papers will be evaluated based on research content, originality and conceptual clarity.
- 6 Manuscripts should be prepared in Times New Roman, 12 pt (title: 14 pt), 1.5 line spacing, justified alignment, A4 size, with 1.5" left margin and 1" margins on all other sides.
- 7 Figures and charts should be numbered and sources indicated wherever applicable.
- 8 Submit the full paper in MS Word format to:
ichmai@staloysius.edu.in
- 9 Selected papers will be considered for publication as full-length articles in Al-Shodhana, subject to the journal's review and publication policies. Authors will receive an e-copy and certificate of authorship.



KEY DATES



Registration
Opens

28/09/2026



Abstract
Submission
Deadline

05/11/2026



Acceptance
Notification

15/11/2026



Full Length Paper
Submission

20/11/2026



Conference

**07/12/2026
to 08/12/2026**

REGISTRATION & CONTACT



REGISTRATION FEES

Category	Indian (INR)	International (USD)
Students (UG/PG)	₹ 1,000	\$ 30
Research Scholars	₹ 2,000	\$ 50
Faculty	₹ 3,000	\$ 100
Industry Experts	₹ 5,000	\$ 300

- Registration includes conference kit, access to all scientific sessions, tea/coffee and lunch.
- Separate registration is required for all delegates.



VENUE

**St Aloysius (Deemed to be University),
Mangaluru, Karnataka, India**



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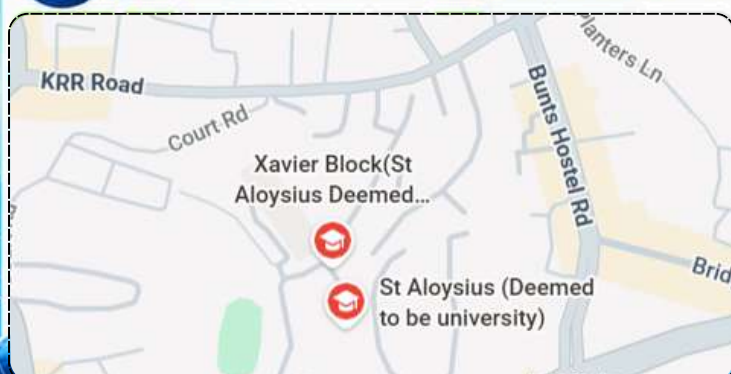
REGISTER HERE



SCAN TO REGISTER



CONFERENCE VENUE MAP



GETTING TO MANGALURU



By Air
Mangaluru International Airport
(Approx. 15 km from the University)



By Train
Mangaluru Central Railway Station
(Approx. 5 km from the University)



By Road
Well connected by national highways
with major cities in Karnataka and neighbouring states

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THE NEW BIOMEDICAL LANDSCAPE

Research | Collaboration | Innovation | A Healthier Tomorrow