

In Commemoration of 20 Years of Academic and Research Excellence of AIMST University, The Faculty of Applied Sciences is proudly organizing

IECBBB-2020

INTERNATIONAL E-CONFERENCE ON BIOTECHNOLOGY, BIOINFORMATICS & BIOMEDICINE

Theme: Challenges and opportunities in Biotechnology Bioinformatics and Biomedicine in the Post-COVID Era

Organized by

Faculty of Applied Sciences, AIMST University, Kedah, Malaysia

Date: 24 - 26 AUGUST 2020

Time: 10:00 - 18:00 MYT (GMT+8)



Co-organizers

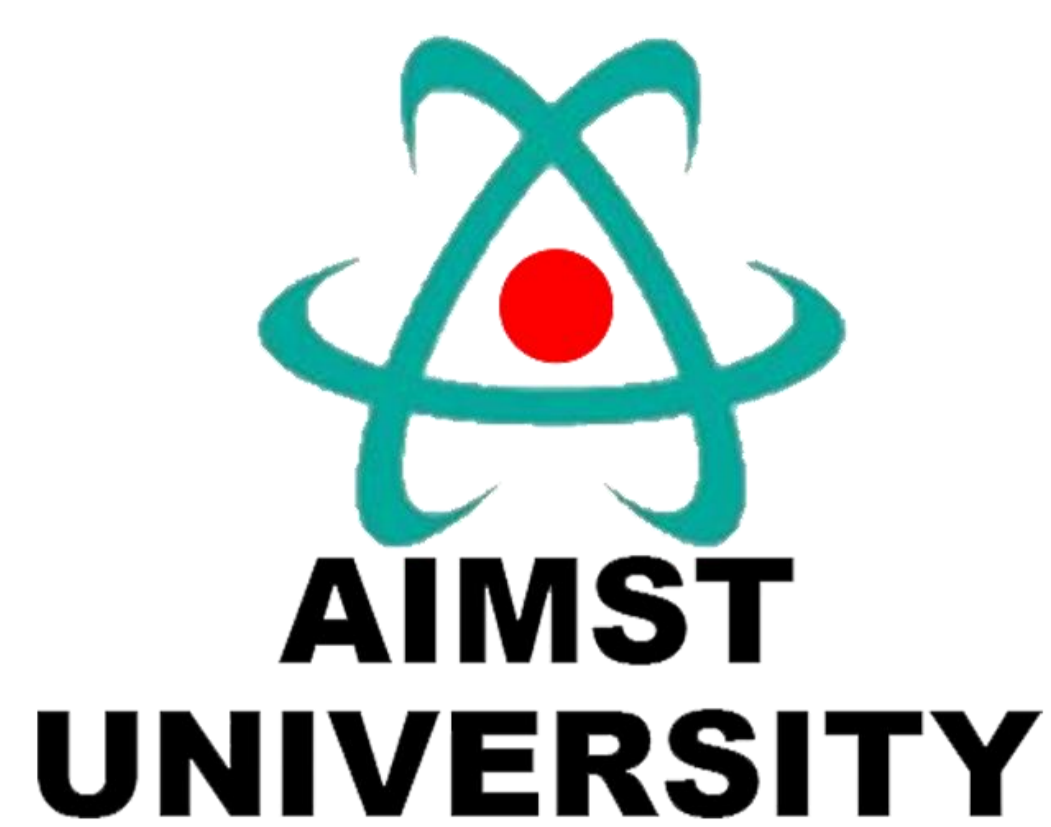


UNIVERSITI SAINS MALAYSI



FACULTY OF ENVIRONMENTAL MANAGEMENT
PRINCE OF SONGKLA UNIVERSITY





IECBBB-2020

INTERNATIONAL E-CONFERENCE ON
BIOTECHNOLOGY, BIOINFORMATICS & BIOMEDICINE

Introduction

Welcome to the International E-Conference on Biotechnology, Bioinformatics & Biomedicine 2020 (IECBBB-2020). The conference is organized by the Faculty of Applied Sciences, AIMST University, Malaysia in collaboration with Universiti Sains Malaysia (Malaysia), Madurai Kamaraj University (India), Dayananda Sagar University (India), Prince Songkla University (Thailand), University of Medical Technology, Yangon, (Myanmar), Yogi Vemana University, (India), Malaysian Biotechnology Information Centre (Malaysia), Ahmednagar College (India), Modern College of Arts, Science and Commerce (India) and Malaysia Biotechnology Students' Association (MYBIOASA). The conference will be held online (Zoom) from 24th- 26th August 2020. IECBBB-2020 intends to provide a platform for scientists, researchers and students to exchange knowledge, challenges, recent advances and future perspectives in the multidisciplinary areas of Biotechnology, Bioinformatics and Biomedicine.

IECBBB-2020 welcomes academicians, researchers, entrepreneurs, students, and industry players to present their papers in the conference and to share their experiences as well as to stimulate discussions on practical challenges encountered and the solutions adopted. Both international and local speakers in the forefront of Biotechnology, Bioinformatics and Biomedicine will actively engage in this 3-day event.

The theme of the conference is “*Challenges and Opportunities in Biotechnology, Bioinformatics and Biomedicine in the Post-COVID Era*”.

About AIMST University

AIMST University is a premier private university, fully accredited by the Malaysian government, formally began its operations on 30 October 2001. It is a SETERA 4 Star rated University in Malaysia. It is located in northern Malaysia near Penang at a sprawling 230-acre site, at the foothills of Gunung Jerai in the historically significant Bujang Valley, Kedah. AIMST University offers undergraduate and postgraduate programmes in Medicine (MBBS), Dentistry, Pharmacy, Biotechnology, Physiotherapy, Nursing, Business and Electrical & Electronic Engineering. AIMST University is self-contained and equipped with state-of-the-art teaching and laboratory facilities, modern lecture theatres, a well-designed library, conducive student and staff residences, an Olympic size swimming pool and spacious outdoor track and field facilities. It is an amazing green garden campus where academic and research opportunities are available for a global experience.

The scope of the conference includes but not limited to the following

- Biotechnology
- Bioinformatics
- Biomedicine, Vaccine, Biochemistry, Immunology, physiology
- Pharmaceutical Sciences, Pharmaceutical Biotechnology
- Agriculture Biotechnology
- Medical Biotechnology, Virology
- Advances in dentistry and Orofacial Sciences
- Industrial Biotechnology, Pharmacology
- Biosensors, Bio Diagnostics, Biochips, Nanotechnology
- Parasitology, Veterinary Science, Toxicology
- Aquaculture, Fisheries Science
- Physiotherapy and Allied Health Sciences
- Current challenges in Biotechnology, Bioinformatics and Biomedicine in the post-COVID era
- Emerging fields in Biotechnology, Bioinformatics and Biomedicine innovations

Who Should Attend?

The International E-Conference on Biotechnology, Bioinformatics, and Biomedicine 2020 (IECBBB-2020) will feature talks by eminent national and international speakers [9 keynote addresses, 10 plenary talks]. The Conference will also provide an excellent opportunity for networking, sharing cutting –edge research, perspectives, and insights in the area of Biotechnology, Bioinformatics, and Biomedicine. During this three-day conference, leading scientists, academicians, executives, investors, developers, analysts, and economists will actively engage in scientific discussions on diverse fields pertaining to Biotechnology, Bioinformatics, and Biomedicine.

Who will benefit from attending the IECBBB-2020 conference?

- Students
- Postdoctoral researchers
- Scientists
- Academicians
- Researchers
- Analysts
- Research Officers
- Scientific Officers
- Consultants
- Developers
- Franchisors
- Investors
- Managers
- Entrepreneurs
- Operators
- Product and service providers in
 - Biotechnology industry
 - Bioinformatics industry
 - Pharma industry
 - Bio diagnostic and Nanotechnology domain

Keynote Speakers



**Dr Harcharan Singh,
Senior Vice President,
Bioeconomy Corporation,
Malaysia**



**Dr Gowrisankar Rajam,
Associate Principal Scientist
at Merck, USA
Ex Lab Lead at CDC, USA**



**Dr. Ch'ng Ewe Seng,
Advanced Medical and
Dental Institute USM,
Malaysia**



**Snr. Prof. M. Ravichandran,
Dean, FAS, AIMST
University, Malaysia**



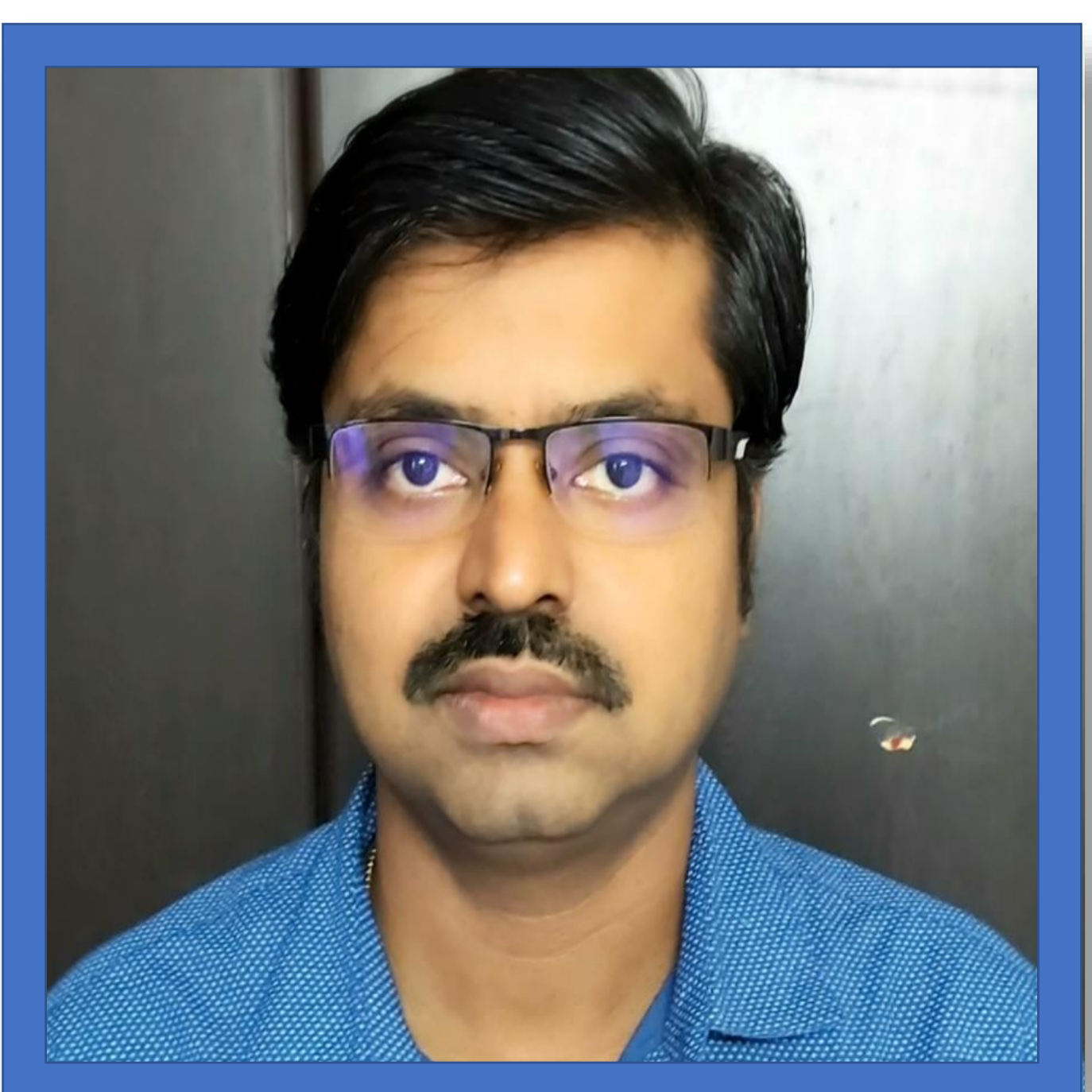
**Prof. Christopher M.
AUSTIN, Deakin University,
Victoria, Australia.**



**Dr. S. Sridhar, Senior
Principal Scientist,
CSIR-IGIB, India**



**Dr Mahaletchumy
Arujanan, Executive
Director, MABIC, Malaysia**



**Prof. Dr G. Kumaresan
Head of Dept. of Genetics
Madurai Kamaraj
University, India**



**Assoc. Prof. Dr. Larry Croft
Deakin University,
Australia**

Plenary Speakers



Dr. Fong Cheng Pan,
Weill Cornell Medicine,
New York, USA



Dr. Alexander Ludwig
School of Biol. Sciences,
NTU, Singapore



Dr Mohammad Farris
Iman Leong Bin Abdullah,
AMDI, USM, Malaysia



Dr Citartan Marimuthu,
AMDI, USM, Malaysia



Dr Suswetha, School of
Basic and Applied Sciences
Dayananda Sagar University,
Bangalore, India



Dr Enrico Magosso,
Universiti Kuala
Lumpur, Malaysia



Dr Balakrishnan,
Madurai Kamaraj
University, India



Dr J Rajendhran,
Madurai Kamaraj
University, India



Dr Sarah Amirah,
University of Manchester,
United Kingdom



Dr Tan Ju Lin , NGS
Scientist
GeneSEQ Sdn Bhd, Malaysia

Note: Keynote speakers have been allocated **45 minutes** for their presentation.

1. **Plenary and invited speakers** have been allocated **30 minutes**.
2. **Oral presenters** (selected from submitted abstracts) will be given **15 minutes**.
3. The finalized programme will be made available in the conference website,
www.aimst.edu.my/event-news/iecbbb2020

Registration

<https://forms.gle/8UiEWFTTeVnFkJdj6>

Zoom invitation with the link will be shared to all registered participants via e-mail on 23 August 2020.

Deadline for submission of abstracts: 15 August 2020

Registration Fee

#	Participant Category	Registration Fee	
		Malaysian (RM)	International (US\$)
1.	Unpaid Registration to Participate in E-Conference (e-certificate will not be provided)	Free	Free
2.	Paid Registration to Participate in E-Conference (e-certificate will be provided)	40	10
3.	Oral and e-poster presenters (e-certificate will be provided)	40	10
4.	Pre-conference Online Workshop on Biorisk Management	50	15
5.	Post-conference Workshop on Scientific Writing and Data Analysis Using SPSS	100	30

Promotion:

All registered participants can enjoy a 20% discount for subscription of Petri Dish (1st science newspaper in Malaysia)



Call for Abstract Submission

Authors are invited to submit original papers on topics related to the conference scope. All submissions must be on original research that is not published or currently under review by any another conference or journal.

All accepted abstracts will be published in the 'Conference E-Abstract Book'.

Abstract Submission

Abstracts must be prepared by following the guidelines. Authors can send their abstracts through registration form and/or through an e-mail to iecbbb2020@aimst.edu.my on or before 15 August 2020.

We welcome abstracts within the scope of the conference. The scientific committee will review submitted abstracts. The submitted abstracts that are not in the format of the guidelines shall be returned to the respective author for timely revision while irrelevant abstracts shall not be considered for presentation.

Guidelines to Prepare the Abstract

- The abstract should be written in English
- The abstract should not be more than 300 words, excluding title, author(s) name and affiliations
- It is necessary to state 4-6 keywords below the abstract.
- The abstract must include four major components, such as **background, methods, results, and conclusions.**
- The Organizing Committee reserves the right to edit the text to maintain quality and or consistency.

based on results obtained. Write the concluding remarks based on results obtained. Write the concluding remarks based on results obtained. **(The abstract should not be more than 300 words, excluding title, author(s) name and affiliations. Times New Roman 12 Point)**

Keywords: Keyword1; keyword2; keyword3; keyword4; keyword5; keyword6

Note:

- Author name format: [Family name] [Given Name Initial] [Father's Name Initial]. For instance, author name 'Bhore Subhash Janardhan' should be written as 'Bhore S. J.'
- Corresponding authors of all accepted abstracts will be notified through an e-mail on or before 19 August 2020. The type of presentation, i.e. oral or poster, will also be notified and the decision made by the Scientific Committee of the Conference will be final.

Guidelines for Presenters

Oral Presentations (invited speakers):

1. The presenting author will be provided 10 minutes for PowerPoint oral presentation, followed by question and answer session for 5 minutes.
2. The presenting author is requested to join Zoom 5 minutes before the scheduled time using the ID and password provided for the allotted session.
3. An organizing committee member would be available for assistance.
4. Ensure the presentation is within the allocated time given.
5. The text on the video/power point must be viewable on the computer screen in full screen mode.

E-Poster Presentations:

1. All E-Posters must be prepared in English.
2. Posters are to be made using Canva or PowerPoint.
3. The size of the poster should be A0 size (33.1 x 46.8 in or 841 x 1189 mm) or 1080 width x 1536 height.
4. All posters should be set in portrait orientation.
5. The poster should only be on **ONE** A0 size page.
6. Use legible fonts and larger size fonts. Preferably more than size 20.
7. The Posters should include Title of the E-poster, authors and their affiliations, and poster number along with the logo in the upper left-hand corner of the affiliated institution.
8. First (Presenting) author's photograph on the right-hand upper corner of the poster.
9. The contents of the poster should include the **Introduction, Objectives, Materials** and

Methods, Results, Conclusion, References and Acknowledgement.

10. For posters on literature review, the contents should include introduction, literature review, discussion, conclusion and references.
11. Declaration of conflict of interest for all authors must be included in the posters.
12. Include the following in the footer;

Presented at the International E-Conference on Biotechnology, Bioinformatics & Biomedicine 2020.
10. Once completed, save it as First Name_No. as your file name. (example: Philip_10).
11. The organizing committee will accept the posters either in pdf or jpg formats only.
12. The posters should be submitted to the Conference Secretariat at iecbbb2020@aimst.edu.my
13. The deadline for submission of posters is **22 August 2020**.
14. Presenters registered for E-Poster presentation will receive a link to upload their E-Posters before the deadline.
10. Any posters not meeting the requirements or not submitted within the deadline will not be evaluated or considered for presentation.
11. The authors are requested to be available during their respective slots for presentation. A formal presentation by the poster presenters is required for evaluation.

Pre and Post conference Workshops

- Pre-conference **Online Workshop on Biorisk Management**; on 23/08/20; To register for this workshop, visit, <https://forms.gle/Cg98kQb87W7WgWs37>
Resource Person: Dr Subhash J. Bhore
- Post Conference **Online Workshop on Scientific Writing and Data Analysis Using SPSS**; on 27/08/2020; To register for this workshop, visit <https://forms.gle/awuqBfKWC5WsFjix7>
Resource Persons: Snr. Prof. Dr. M. Ravichandran, Prof Dr. K. Marimuthu, Dr. Lee Su Yin

Important Dates and Deadlines

🕒 Submission of the abstracts	15 August 2020
🕒 Notification of the accepted abstracts	20 August 2020
🕒 Registration deadline	23 August 2020

Patrons



Prof. Dr. Mohd. Baidi Bin Bahari,
Acting Vice-Chancellor,
AIMST University

Mr. Ambihabathy Ratnam,
Chief Operating Officer,
AIMST University

Snr. Assoc. Prof. Dr. S. Kathiresan,
Registrar,
AIMST University

Conference Organizing Committee



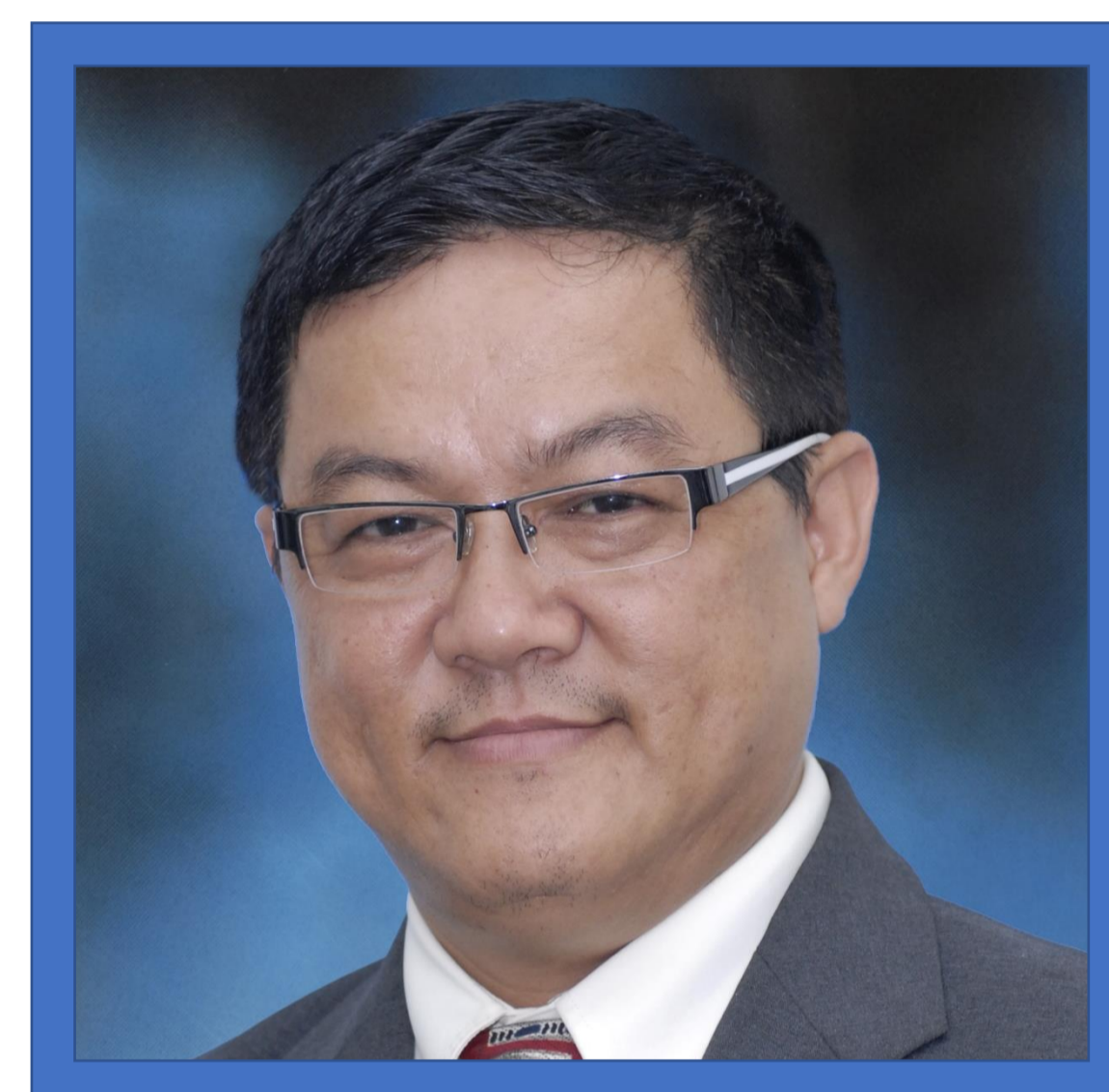
Advisor

Snr. Prof. Dr. M. Ravichandran,
Dean, Faculty of Applied
Sciences, AIMST University



Conference Chairman

**Assoc. Prof. Dr. Venkata Suresh
Chinni,** Faculty of Applied
Sciences, AIMST University



Conference Co-Chairman

Prof. Tang Thean Hock,
Advanced Medical and Dental
Institute, Universiti Sains Malaysia

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- Snr. Prof. M. Ravichandran
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- Snr. Assoc. Prof. Dr. Subhash J Bhore
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- Mr. P. K. Karuna

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www.aimst.edu.my/event-news/iecbbb2020