

INVITATION

**International Conference on
Current Trends & Emerging Challenges
in Biological Sciences (CTECBS) - 2018**

15th & 16th February - 2018

Registration Form

Name (In BLOCK letters): _____

Gender : _____

Designation : _____

Institution : _____

Contact address : _____

Mobile No : _____

E-mail ID : _____

Participation Details : _____

(Tick in appropriate box) ☐ Oral Presentation
☐ Poster Presentation
☐ Participation

Payment details : _____

DD No : _____

Bank Name : _____

Amount and Date : _____

Place : _____

Accommodation Required : Yes / No

Category	Early bird Registration	Spot Registration
Faculty (Indian)	INR 1000	INR 1500
Foreign Delegates	US\$ 200	US\$ 250
Research Scholars & Students	INR 750	INR 1000
Foreign Students	US\$ 100	US\$ 150
Scientists/Private Sectors/Corporate	INR 1500	INR 2000

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 Er. D.Maninathan, B.E., Secretary, DKMC, Vellore - 1.

Convener

Dr. P.N.Sudha, Ph.D. Principal, DKMC, Vellore - 1.

Co-Conveners

Dr. A.Vidhya, Ph.D. NET, Head, Dept. of Microbiology.
 Dr. V.Prabha, Ph.D. NET, Head, Dept. of Biochemistry.
 Mrs. Karthika Kiran, M.Sc., M.Phil. SET, Head, Dept. of Biotechnology.
 Mrs. K.Gowthami, M.Sc., (Ph.D.), Head, Dept. of Foods and Nutrition

Organizing Secretaries

Dr. J.Hemapriya, Ph.D. NET, SET, Asst. Prof., Dept. of Microbiology.
 Dr. B.Hepsibah Elsie, Ph.D., Asst. Prof., Dept. of Biochemistry.
 Dr. J.Sonya, Ph.D. NET, SET, Asst. Prof., Dept. of Foods and Nutrition
 Dr. Vinita Ernest, Ph.D., Asst. Prof., Dept. of Biotechnology.

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 For Further details please visit : <http://dkmcollege.ac.in/>

**International Conference
on
Current Trends & Emerging
Challenges in Biological Sciences
(CTECBS) - 2018**

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Organized by
DEPARTMENT OF LIFE SCIENCES
 (Microbiology, Biochemistry,
 Biotechnology, Foods & Nutrition)
 D.K.M. College for Women (Autonomous)
 Sainathapuram, Vellore - 632 001.

REPORT

Conferences always conducted to provide a platform to all profession for interaction and Exchange of Scientific developments there by identifying emerging and frontier areas of Life sciences in global prospective.

International conference on “Current trends and Emerging challenges in Biological Sciences (CTECBS) – 2018 was Sponsored by “Tamil Nadu State Council for Higher Education (TNSCHE) was organized by Department of Life Sciences – D.K.M. College Vellore on 15th and 16th of Feb – 2018.

Dr. R. Sivakumar Sir president of DKMC and Dr. D. Maninathan sir Secretary of DKMC are chief patrons. Dr. P.N. Sudha Principal is the convener of this conference. The Co conveners are Dr. A. Vidhya,, Head Dept of Microbiology, Dr. V. Prabha, Head Dept of Biochemistry, Mrs. Karthika Kiran, Head of dept Biotech and Mrs. K. Gowthami Head dept of Food and Nutrition.

The organizing Secretaries are Dr. J. Hemapriya , Asst of Dept of Microbiology, Dr. B. Hebsibah Elsie, Asst. Prof. Dept of Biochemistry, Dr.J.Soniya, Asst.Prof Dept of Nutrition. Dr. Vinita Ernest , Asst prof Dept of Biotechnology.

The Inaugural Function was Blessedly Started with Tamilzhthai vazthu and lighting of Kuthuvilakku by 10.00Am.

The welcome Address was delivered by Dr. A. Vidhya. Head, Dept of microbiology. The conference theme was explained by Dr. Vinita Ernest, Asst. Prof Dept of Biotechnology.

Presidential Address was given by our Principal Mam followed by the Address of August gathering by our beloved Secretary Sir. An inaugural keynote was delivered by our Honorable Chief guest Dr. Nihal Thomas, Prof. and Head. Dept of Endocrinology, Associate Director, CMC – Vellore. He focused of Traditional and Western Medical ethics and the way in which has travelled in the decades.

After the felicitation, Souvenir was released. The inaugural Session was closed by Vote of thanks by Dr. V. Prabha. Head, Dept of Biochemistry. During the days of conference various technical sessions were conducted in eminent speaker's deliprated upon various topics.

On the First day, The technical Session was started by Dr. Vijayakumar Muppala, Research Scientist, Institute of Pharmacology, University Medical centre Goetingen – Germany gave a speech on. 'In sight in parthenogenic stem cell transplantation in therapeutics, especially for cardiac tissue engineering. He also explained the development, Morphology and Engineering of Heart Muscle in Mouse challenges and Immunological aspect behind the transplantation of those stem cells in Human.

The second Resource person of the technical session is Dr. Jayadharan G.Rao, Associate professor, Welcome Trust/DBT Senior Fellow, Gill – Joy chair professor; IIT Kanpur gave a speech on "Gene Therapy". He delivered a detailed Lecture on introducing a normal gene in the defective gene to replace a missing protein by Keeping Adeno – Associated Virus (AAV) as an vehicle to target diseases.

After lunch breaks, the third speaker, Dr. P. Ganesan Scientist, Department of Molecular nutrition, Central food technological research Institute (CFTRI) Mysore addressed the gathering. He gave detailed picture of Anti – angiogenic activity of Marine Carotinoids, - A powerful food product to prevent Retinal problems. He also explained the Isolation, Molecular Mechanism, Signaling Pathways and other beneficial health effect of carotinoids.

After the first day of technical session, the proceedings followed to next day.

The day started with the lecture of Dr. Mahadeve Rao, Professor, School of Basic Medical Science, faculty of Medicine, University Sultan Zainal Abidin Malaysia. He addressed the gathering on 'Obesity – 21st century Health care challenge'.

The next technical session was headed by Dr. Arunkumar Dhayalan, Assistant Professor, Dept of Biotechnology Pondicherry University, gave a Lecture on “Histone Arginine Methylation mediated epigenetic signaling and the functional characterization of a RNA helicase, DDX49”.

The next lecture on technical session II was delivered by Dr. Mini Joseph, Assistant Professor and Head, Department of Home Science, Govt. College for Women, Trivandrum, Kerala on ‘Lean diabetes and its Management’ and also the tip of the iceberg.

CTECBS conference also invited research from the Life Science department of various Colleges as a part of its call for abstracts. After peer review a selected number of abstracts are allowed for oral presentation.

An excellent Complement to the academic Research presented at CTECBS Conference is the Scientific Poster gallery, which provided all the visual references for the Information and data found within the conferences. During the valedictory session awards were given for categories poster making, best paper and Certificate of appreciation. This International Conference CTECBS gave an opportunity to sit down with global thought of greatest importance.

About 20 Colleges in and around Vellore, have participated and benefited in the Scientific Session. More than 150 students and Research Scholars from the various colleges Participated in this International Conference (CTECBS) – 2018 out of these overall 60 members participated in both Oral and Poster presentation.

Over all the Conference covers a number of plenary talks represents the emerging technologies in biological Sciences.

It also exhibited the vital role in finding solution for various emerging problems which was a major issue globally. The Conference was also an eye opener for budding Researcher and Provided a Knowledge base for a variety of Career Opportunity in Biological Science.

Finally Dr.J.Soniya, Asst. Prof Dept of Nutrition. Presented the vote of thanks and the International conference CTECBS was ended with great success by the grace of Almighty.

