



SRI SANKARA ARTS & SCIENCE COLLEGE

Autonomous

*A Unit of Sri Kanchi Kamakoti Peetam Charitable Trust
and Affiliated to University of Madras
Accredited by NAAC with 'A' Grade*

ENATHUR, KANCHIPURAM - 631 561. Phone : 044-27264066, 044-27264066

10/07/2019

MINUTES OF MEETING OF THE BOARD OF STUDIES

Department: Biotechnology

Venue: Board Room

Date: July 10th, 2019



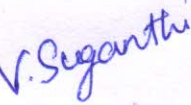


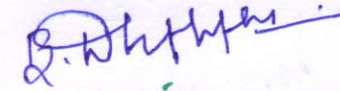

Agenda: Introduction of New Certificate Course – “Lab Automation and Artificial Intelligence in Life Sciences.” For M.Sc., Biotechnology during fourth semester from the academic year 2020-21.

The following members were present in the meeting:

1. Prof.B.Ramesh, Ph.D., Professor and Head, Dept. of Biotechnology, Sri Sankara Arts and Science College, Enathur, Kanchipuram – Chairman.
2. Dr.V.Guruchandran, Ph.D., Assistant Professor, Dept. of Biotechnology, Sri Sankara Arts and Science College, Enathur, Kanchipuram – Member.
3. Dr.V.Suganthi, Ph.D., Assistant Professor, Dept. of Biotechnology, Sri Sankara Arts and Science College, Enathur, Kanchipuram – Member.
4. Dr.N.Subash., Ph.D Assistant Professor, Dept. of Biotechnology, Sri Sankara Arts and Science College, Enathur, Kanchipuram – Member.
5. Dr.D.Chitra., Ph.D., Assistant Professor, Dept. of Biotechnology, Sri Sankara Arts and Science College, Enathur, Kanchipuram – Member.
6. Mr. B.Dheenadayalan, M.Sc., Research Associate, Vanta Biosciences, Chennai – 601201- Representative from Industry.
7. Prof.K.R.Venkatesan, Ph.D., Principal, Sri Sankara Arts and Science College, Enathur, Kanchipuram – Special invitee.

The Board of Studies unanimously approved to introduce Job-Oriented Certificate Course on “Lab Automation and Artificial Intelligence in Life Sciences” from the academic year 2020-21 in collaboration with Kavin Bioresearch Pvt. Ltd., Chennai – 600042 (Annexure).

Signature of members:

1. Prof.B.Ramesh - 
2. Dr.V.Guruchandran - 
3. Dr.V.Suganthi - 
4. Dr.N.Subash - 
5. Dr.D.Chitra - 
6. Mr. B.Dheenadayalan - 
7. Prof.K.R.Venkatesan - 

Annexure

LAB AUTOMATION AND ARTIFICIAL INTELLIGENCE IN LIFE SCIENCES

1. ARTIFICIAL INTELLIGENCE IN LIFE SCIENCES
 - a. Myths, Benefits and Risks
 - b. AI IN HEALTH DIAGNOSTICS: OPPORTUNITIES AND ISSUES FOR CLINICAL PRACTICE
 - c. Human intelligence vs Artificial Intelligence
 - d. Evolution of Standards for AI in Medical Applications
2. Present and Future of AI in healthcare
 - a. Advance in AI Applications for Medical Imaging
 - b. Moving Computational Advances into Clinical Practice
 - c. AI usage in specific clinical fields
3. PROLIFERATION OF DEVICES AND APPS FOR DATA COLLECTION AND ANALYSIS
4. ADVANCING AI algorithm development
 - a. Crowdsourcing
 - b. Deep learning with unlabeled data
5. Large scale health data
6. Role of major corporations in AI in healthcare