



Hindusthan College of Arts & Science (Autonomous)

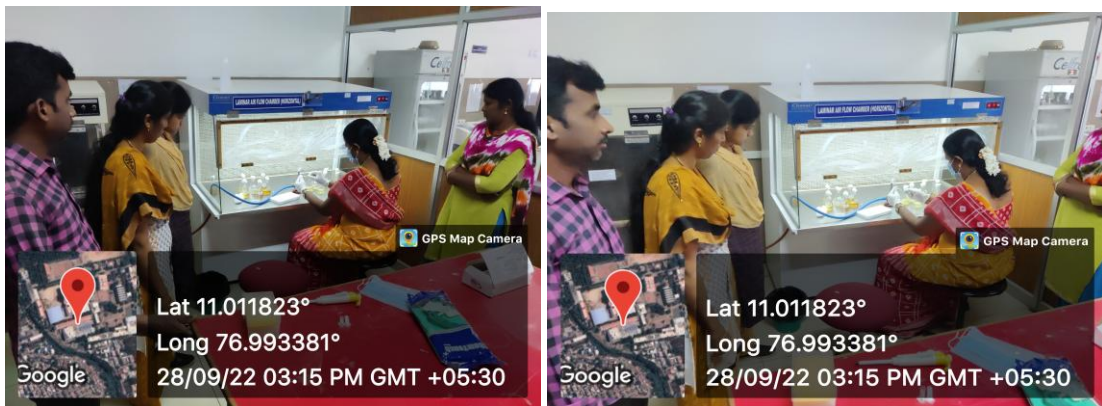
DBT STAR College Scheme



Teacher Activities – 2022 to 2023

Training Program

Department of Microbiology under DBT STAR College Scheme on 28.09.22 have conducted a training program on “**Microbial Culture Maintenance**” for Lab technicians of Microbiology and Biotechnology departments. The training was conducted by Dr.N.Vanitha, Professor, Department of Microbiology.





Hindusthan College of Arts & Science (Autonomous) DBT STAR College Scheme



Teacher Activities – 2022 to 2023

Training Program

Department of Microbiology under DBT STAR College Scheme on 30.08.22 have conducted a training program on “**Maintenance of Lab Stock Registers**” for Lab technicians of Microbiology and Biotechnology departments. The training was conducted by Dr.A.Manivannan, Assistant Professor, Department of Microbiology.





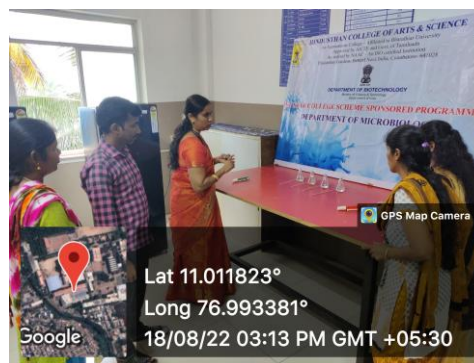
Hindusthan College of Arts & Science (Autonomous) DBT STAR College Scheme



Teacher Activities – 2022 to 2023

Training Program

Department of Microbiology under DBT STAR College Scheme on 18.08.22 have conducted a training program on **“Molarity and Normality Solutions preparation”** for Lab technicians of Microbiology and Biotechnology departments. The training was conducted by Dr.T.Vinotha, Assistant Professor, Department of Microbiology.





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DBT STAR College Scheme



Teacher Activities – 2022 to 2023

Training Program

Department of Microbiology under DBT STAR College Scheme on 18.08.22 have conducted a training program on “**Membrane Filtration Techniques**” for Lab technicians of Microbiology and Biotechnology departments. The training was conducted by Mr.Samuel, Technician, Presicion Scientific Ltd., Coimbatore.





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Faculty Development Program

The Department of Microbiology & Biotechnology organized one day faculty development program on Nanomaterials on 10.10.2022 in Science at F Block Seminar Hall. The discussion was on engineered nanomaterials (ENMs), their synthesis, characterisation, properties and applications. The FDP also gave an account on laboratory facilities required for nanomaterial research and on nanomaterial laboratory at Bharathiar University. Totally **54** faculties have participated in the FDP.

About the Institute
Hindusthan College of Arts & Science, an Autonomous College affiliated to Bharathiar University, Coimbatore and accredited by National Assessment and Accreditation Council is one of the prominent institutions that bear the motto of "Hindusthan Educational and Charitable Trust", Coimbatore. The College provides a wide array of excellent education - based mainly education to South Indian students from its branches in various districts having students not only in the respective programmes but also programs from far the job-related with innovative skill building programs. To spread the college has been recognized under Star College Scheme by Department of Biotechnology, Ministry of Science and Technology New Delhi from the academic year 2018-2020.

About the Department
The Department of Biotechnology and Microbiology, which after 40 years of research and development, was established in the year 2002-2003, respectively in a professional degree and in the distance mode courses, who are always headed by the expertise team of faculty members. The departmental laboratories are carefully equipped with sophisticated material and literature references. The faculty members have proficiency in diversified areas of specialization including Molecular, Biotech and Plant Microbiology, Immunology, Bio-Biotechnology and Pharmaceutical Biotechnology. Students will benefit students of the Department have healthy access to books, journals and e-resources in the Department library. The department provides ongoing collaborations with corporate bodies comprising the Public, Private, Government, Non-Government, Charitable, Trusts. There is insulating working and various student projects. The department organizes seminars, national and international conferences, workshops and FDPs regularly under the auspicious banner "Hindusthan". The programs of the department are primarily for B.T and M.T courses in a broad array of them are placed in regular organizations.

About the FDP
The prime objective of the FDP is to update and enrich the knowledge on contemporary scientific information of nanomaterials in various fields such as health or research. The other, but not necessarily, to discuss the research and development that can be done in nanomaterials. Most nanomaterials are too small to be seen with the naked eye and even with conventional light microscopes. Nanomaterials are made up of particles that have the dimensions of nanometers (nm), which can take on unique optical, magnetic, electrical and other properties. These emergent properties have the potential for great impact on medicine, medicine, agriculture, food, etc. Nanotechnology can be used to design pharmaceuticals that can target specific organs or cells in the body such as cancer cells, or deliver the drug directly to them.
1. Nanomaterials can also be added to smart cloth and other materials to make them stronger and self-cleaning.
2. They can deliver the chemical quickly to diseases, and they can also be used in environmental remediation or clean up of oil spill and methane leaks.

Department of Biotechnology & Microbiology
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HINDUSTHAN COLLEGE OF ARTS & SCIENCE
An Autonomous College - Affiliated to Bharathiar University, Coimbatore
Approved by AICTE and Govt. of Tamil Nadu
Recognized by UGC as 2020 Certified Institution
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Hindusthan College of Arts & Science (Autonomous)

DBT STAR College Scheme



Faculty Development Program

The Department of Microbiology under DBT STAR college Scheme organized Seven days online faculty development program on National Education Policy – Challenges and opportunities in Higher Education System from 13.02.2023 to 21.02.2023 under Google meet platform. The resource person Dr.Mathan Shanker, Dean Academics, Kingunadu Arts & Science College, Coimbatore of the first session elaborated on the topic A holistic multidisciplinary education for 21st century learners. The resource person Dr.Chetan Singal, Deputy Director, Ramaiah Public Policy Center, Bangaluru of the second session elaborated on the topic An inclusive education. The third session was delivered by Dr.M R Vanithamani, Director, Faculty of Management studies, Karpagam College of Engineering, Coimbatore on the topic NEP – vs Student behavioural transformation. The fourth session was given by Dr.Chetan Singal, Deputy Director, Ramaiah Public Policy Center, Bangaluru on the topic NEP – A light but tight regulatory system. The fifth session was given by Dr.Arulsamy, Professor, Department of Education, Bharathiar University, Coimbatore on the topic Prospects of Higher education with reference to NEP 2020. The fifth session was given by Dr.Velmurugan, Dean, School of legal studies, Central University, Tamilnadu on the topic ways for faster and smoother implementation in higher education institutions. The sixth session was delivered by Dr.Subash Chander, Assistant Professor, Department of Education, New Delhi on the topic NEP and Innovation in Pedagogical designs. Around **82** faculties participated in the FDP.

HINDUSTHAN COLLEGE OF ARTS & SCIENCE
AN AUTONOMOUS COLLEGE - AFFILIATED TO BHARATHIAR UNIVERSITY
COIMBATORE

Department of Microbiology &
Centre Of Excellence for Faculty Development (COExFD)
jointly organizers

SEVEN DAYS ONLINE FACULTY DEVELOPMENT PROGRAM ON
NATIONAL EDUCATION POLICY – CHALLENGES AND OPPORTUNITIES IN HIGHER EDUCATION SYSTEM
Date : 13.02.2023 to 21.02.2023 Platform : Click to join Google Meet

Resource Persons

13.02.2023	14.02.2023	15.02.2023	16.02.2023	17.02.2023	20.02.2023	21.02.2023
Dean Academics, Kongunadu Arts & Science College, Coimbatore	Professor, Department of Education, University of Delhi New Delhi	Director, Faculty of Management studies, Karpagam College of Engineering, Coimbatore.	Deputy Director, Ramaiah Public Policy Center, Bangalore	Professor, Department of Education, Bharathiar University, Coimbatore	Dean, School of legal studies, Central University Tamilnadu	Assistant Professor, Department of Education, New Delhi
Time : 3:00 to 4:00 P.M	Time : 10:30 to 11:30 A.M	Time : 10:30 to 11:30 A.M	Time : 3:00 to 4:30 P.M	Time : 10:30 to 11:30 A.M	Time : 10:30 to 11:30 A.M	Time : 10:30 to 11:30 A.M
Topic : NEP - A holistic multidisciplinary education for 21st century learners	Topic : NEP - An inclusive education	Topic : NEP - vs Student behavioral transformation	Topic : NEP - A "light but tight" regulatory system	Topic : Prospects and challenges of Higher Education with reference to NEP 2020	Topic : Ways for faster and smoother implementation in Higher Education institutions	Topic : NEP and Innovation in Pedagogical Designs

Click here to join our
WhatsApp group

HICAS Participants REGISTER HERE

External Participants REGISTER HERE

Organizers
Principal : Dr A Ponnusamy
HOD : Dr Lali Growther
COExFD Coordinator : Dr Hemashengam N
Faculty Coordinator : Dr A Manivannan

