



Hindusthan College of Arts & Science (Autonomous)

DBT Star College Scheme



Student Activities 2022 to 2023

Training Program

Department of Microbiology, Food Processing Technology & management and Biotechnology under DBT STAR college scheme organized a workshop on 01.08.2022 & 02.08.2022 at F Block Seminar Hall on Food Safety Training and Certification for two days. This was done to create awareness among students about food safety in food industry, trouble shooting and preventive measures, different food products and their way of processing, microbiological standards and the demerits of chemical additives. Students presented their charts based on food and safety. The resource person also highlighted on food safety standards and regulations in industries, HACCP and its seven steps and about CCP. Around **162 participants** including faculties have participated in the training program.

HINDUSTHAN EDUCATIONAL AND CHARITABLE TRUST
HICAS

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**DEPARTMENT OF BIOTECHNOLOGY,
MICROBIOLOGY AND FOOD PROCESSING
TECHNOLOGY AND MANAGEMENT**
CORDIALLY INVITES FOR A

**Training Programme on
FOOD SAFETY
TRAINING AND
CERTIFICATION**

AUGUST 01 & 02, 2022 at 10 AM
F BLOCK SEMINAR HALL

Resource Person
Mr Kareem Sirag
Tainer at FoodSafety
FSSAI FOSTAC Trainer
Coimbatore





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Student Activities 2022 to 2023

Workshop

The Department of Microbiology under DBT STAR college scheme organized a workshop on GFP cloning on 5th January 2023, UG Microbiology Lab between 11 am and 12 pm. The resource person Dr. Shanthi Thirumalai, Oracle Bioscience, Chennai elaborated on competent cells and the method to prepare, transformed cells, competent cell identification and plating techniques. Around **50 students** have participated in the workshop.

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DEPARTMENT OF MICROBIOLOGY
ORGANIZES A WORKSHOP ON
GFP CLONING

Resource Person
Dr. Shanthi Thirumalai,
ORACLE BIOSCIENCE,
CHENNAI.

DATE : 05.01.2023
VENUE : UG LAB
TIME : 11 AM TO 12 PM

FACULTY COORDINATOR
MS. S. ABIRAMI

STUDENT COORDINATOR
NITHIYA S





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Student Activities 2022 to 2023

Workshop

The Department of Microbiology under DBT STAR college scheme organized a workshop on Chem informatics on 30th January 2023, UG Microbiology Lab between 11 am and 12 pm. The resource person Mr. Vijay Rajendran, Technical Consultant, Bioexplora, Coimbatore elaborated on computational and information techniques to understand problems of chemistry. Students were able to gain knowledge on Protein Data Bank, pubchem software used to search for drug components, Chemsaktchy used to design drug. Around **56 students** have participated in the workshop.

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DEPARTMENT OF MICROBIOLOGY
ORGANIZES A WORKSHOP ON
CHEM -INFORMATICS

Resource Person
MR. VIJAY RAJENDRAN,
TECHNICAL CONSULTANT,
BIOEXPLORA,
COIMBATORE.

DATE : 30.01.2023
VENUE : UG LABORATORY
TIME : 11 AM TO 12 PM

FACULTY COORDINATOR STUDENT COORDINATOR
MRS C AJITHA THERAS ABISHMA





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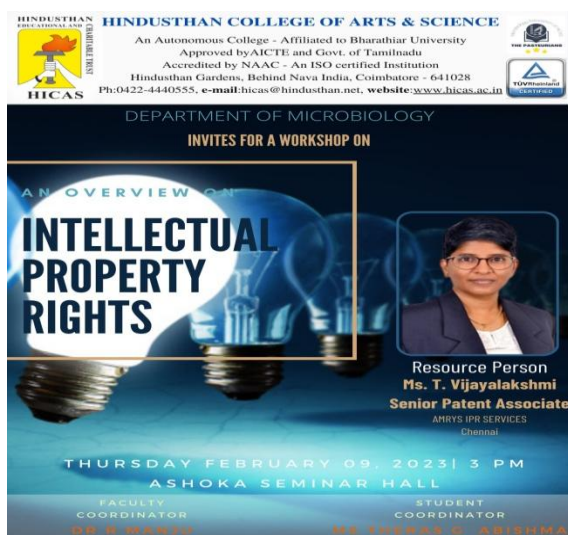
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Student Activities 2022 to 2023

Workshop

The Department of Microbiology under DBT STAR college scheme organized a workshop on **An overview on "Intellectual Property Rights"**. The session started with welcoming the resource person Ms.T.Vijayalakshmi, Senior Patent Associate, Amrys IPR Services, Chennai. Intellectual property rights gives the creator an exclusive right over the use of his creations for a certain period of time. The rights of authors of literary and artistic works that can be books, writings, musical compositions, paintings, marks and trade secrets. Around **126 students** have participated in the workshop





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



Student Activities 2022 to 2023

Workshop

The Department of Microbiology under DBT STAR college scheme organized a workshop on Bioprospecting of marine bacteria by whole genome sequence analysis on 23rd March 2023, Computer Lab between 10 am and 12 pm. The resource person Dr.L.Karthik, President, Society of Chemical and Synthetic biology elaborated on whole genome sequencing analysis. This is a fast and affordable way to obtain detailed information about bacteria and this is used to determine the relatedness of bacterial isolates. Around **52 students** have participated in the workshop.

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DEPARTMENT OF MICROBIOLOGY
in association with
Society of Chemical and Synthetic Biology
Workshop on
Bioprospecting of marine bacteria by whole genome
sequence analysis

Date: 23-03-2023
Time: 10.00 Am

Venue
UG Microbiology Lab

Dr.L.Karthik
president
Society of Chemical and Synthetic Biology

Faculty coordinator: Mrs.C. Ajitha
Student Coordinator: Nilhin P.C





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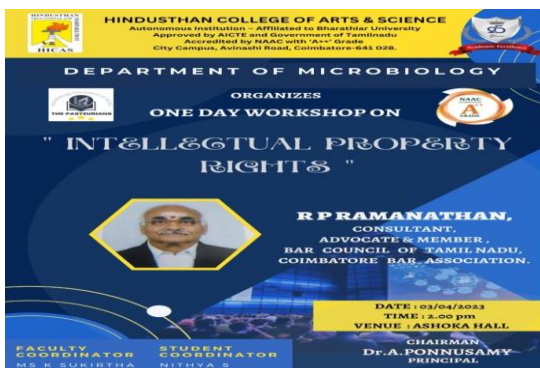
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Student Activities 2022 to 2023

Workshop

The Department of Microbiology under DBT STAR college scheme organized a workshop on **"Intellectual Property Rights"** on **03.04.2023**. The resource person Mr.R.P.Ramanathan, Consultant, Advocate & Member, Bar Council of Tamilnadu, Coimbatore Bar Association Intellectual property rights gives the creator an exclusive right over the use of his creations for a certain period of time. The rights of authors of literary and artistic works that can be books, writings, musical compositions, paintings, marks and trade secrets. It refers to the legal rights granted to the inventor or manufacturer to protect their inventions. Around **51 students** have participated in the workshop.





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Student Activities 2022 to 2023

Workshop - on Chromatography techniques

The Department of Microbiology under DBT STAR College scheme organized Workshop on Chromatography for III B Sc Microbiology students on 06.04.2023. The resource person Dr. Saravanaperumal V, Director, Abbes Biotech elaborated the types of chromatography and how samples can be separated using Column Chromatography. The steps involved in preparation of column chromatography and to observe the results was explained for students. Around **48 students** have participated in the workshop.





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Student Activities 2022 to 2023

Seminar

The Department of Microbiology under DBT STAR college scheme organized a Seminar on “Therapeutics from Gut Microbiome” delivered by Dr.A.Murugan, Professor, Periyar University on 13.07.2022. The session started with welcome address and the talk was all about gut microbiota and how our body supports the growth of microorganisms. Around **150 students** including faculty members have participated in the event.

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Department of Microbiology
organizing a Guest Lecture
UNDER DBT STAR COLLEGE SCHEME

Therapeutics from Gut Microbiome

JULY 13, 2022 AT 10:30 AM
LIBRARY SEMINAR HALL

Resource Person
Dr. A.Murugan, Professor,
Department of Microbiology,
Periyar University, Salem.e





Hindusthan College of Arts & Science (Autonomous)

DBT Star College Scheme



Student Activities 2022 to 2023

Seminar

Department of Microbiology under DBT STAR college scheme organized a Seminar on “Nanoscience and its applications” delivered by Dr.R.Ragunathan, Director and Research Supervisor, Centre for Bioscience and Nanoscience Research, Coimbatore on 29.07.2022. The session started with welcome address by Dr.Lali Growther, Professor & Head, Department of Microbiology and introduction of resource person by Dr.N.Murugalatha, Professor & Head, Department of Food Processing Technology and the talk by the resource person was all about nanotechnology in our day to day life and how we and our ancestors used this nanoscience in our daily food and medicine, future of nanotechnology and its applications for sustainable agriculture. Around **148 students** including faculty members have participated in the event.



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**DEPARTMENT OF BIOTECHNOLOGY,
MICROBIOLOGY AND FOOD PROCESSING
TECHNOLOGY AND MANAGEMENT**
CORDIALLY INVITES FOR A

**GUEST LECTURE ON
NANO
SCIENCE AND ITS APPLICATIONS**

Resource Person
PROF. DR. R. RAGUNATHAN
Director and
Research Supervisor,
Centre for Bioscience and
Nanoscience Research, Coimbatore

JULY 29, 2022 AT 10 AM
AT F - BLOCK SEMINAR HALL





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Student Activities 2022 to 2023

Seminar

Department of Microbiology under DBT STAR college scheme on 14.10.2022 organized a Seminar on “Climate Change” To explore the talents of young minds in the field of Climatic changes. Students actively participated in the event and explored their talents. Around **96 students** including faculty members have participated in the session.

The poster is for a seminar on Climate Change. It features a green background with a central image of a globe and a thermometer. The text on the poster includes the name of the college, its affiliations, and accreditation details. It also mentions the date and time of the seminar, the resource person, and the venue.

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Department of Biotechnology, Government of India

**CONDUCTS SEMINAR ON
CLIMATE CHANGE**

Resource Person
Mr. Dinesh kumar,
Event Assistant Coordinator,
ISKCON.

Date: 23/11/2022
Time: 10:00 A.M
Venue: Library Seminar Hall.



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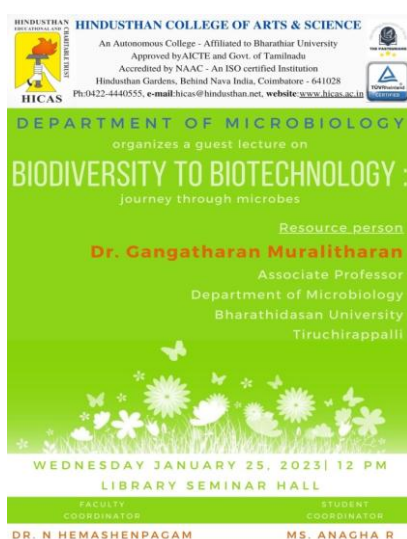
DBT STAR College Scheme



Student Activities 2022 to 2023

Seminar

The Department of Microbiology under DBT STAR college scheme organized a Seminar on Biodiversity to Biotechnology on 25th January 2023 at Library Seminar Hall. The resource person gave an insight on conservation, evaluation, and utilization of biodiversity particularly in the field of Biotechnology for important crops. The session was informative for students. Around **79 students** including faculty members have participated in the session.





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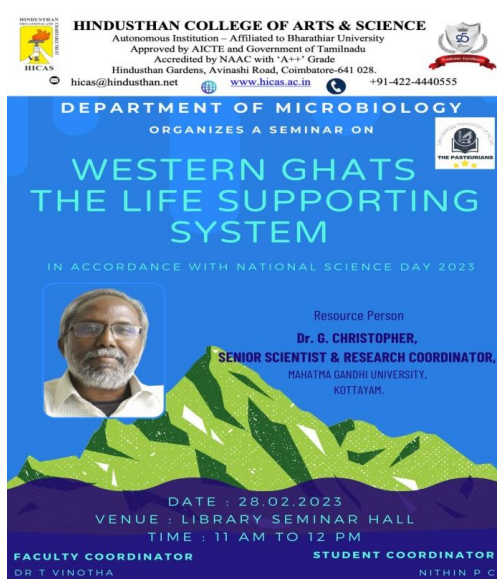
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Student Activities 2022 to 2023

Seminar

The Department of Microbiology in accordance with National Science Day 2023 organized a seminar on Western Ghats The Life Supporting System on 28th February 2023 at Library Seminar Hall. The resource person gave an insight on Western Ghats and living creatures, rare species and informations about endangered species. The session was informative and more knowledge on different kinds of species surviving in Western Ghats was given by the resource person. Around **150 students** including faculty members have participated in the session.





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Student Activities 2022 to 2023

Guest Lecture

Department of Microbiology under DBT STAR college scheme organized Guest lecture on the topic "Algal biotechnology" on 13.09.2022. The program started with prayer song, Dr.Lali Growther madam, Head, Department of Microbiology welcomed the gathering. The chief guest Dr.P.Hanumantha Rao have highlighted the cultivation techniques of algae. Around **180 students** including faculty members have participated in the session.





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Student Activities 2022 to 2023

Guest Lecture

The Department of Microbiology under DBT STAR college scheme organized a guest lecture on “**Current Scenario in the Field of Microbiology**” on 19th September 2022 in the Library Seminar Hall of Hindusthan College of Arts & Science at 10AM. The chief guest of the programme was Dr.Karthikeyan Subburamu, Professor, Department of Renewable Energy Engineering, Tamil Nadu Agricultural University, Coimbatore, gave a talk on contributions of Pasteur and other scenario in the ongoing field of Microbiology. Around **185 students** including faculty members have participated in the session.





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Student Activities 2022 to 2023

Students Presentation – Journal Club Activities

The Department of Microbiology under DBT STAR college scheme organized a student presentation on **“Gut Microbiome”** on 23rd September 2022. Ms Jayasri S, II MSc, Department of Microbiology have elaborately presented a topic on Gut Microbiome and their types. Around **44 students** including faculty members have participated in the session.





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Student Activities 2022 to 2023

Students Presentation – Journal Club Activities

The Department of Microbiology under DBT STAR college scheme organized a student presentation on "**MICROBIOME IN HUMAN HEALTH AND DISEASES**" on 30th September 2022. Ms Preethiga, I MSc., Department of Microbiology The PG student elaborated on various aspects related to human Microbiome, the most significant research findings related to the human Microbiome. The talk covered distinct role of human Microbiome in human health as well as in diseases. Also, it covered the recent research that is being carried out in the same field. Around **140 students** including faculty members have participated in the session.





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Student Activities 2022 to 2023

Guest Lecture

The Department of Microbiology under DBT STAR college scheme organized a guest lecture on “Schemes and ideas on Entrepreneurship in Science Education” on 5th May 2023 in the Library Seminar Hall of Hindusthan College of Arts & Science at 2.30 pm. The chief guest of the programme was Dr. Mekala M, Director, MICRO BIOTEK Lab, Coimbatore elaborated on Schemes and ideas on Entrepreneurship in Science Education. The session was informative which gave an insight on Entrepreneurs and that motivated students. Around **124 students** including faculty members have participated in the session

