

PG AND RESEARCH DEPARTMENT OF BIOTECHNOLOGY
INTERDEPARTMENTAL ACTIVITIES FOR THE ACADEMIC YEAR
(2018 – 2019)

State Level Intercollegiate Paper/Poster Competition – Young Biologist Award
27th July, 2018

The PG and Research Department of Biotechnology, Hindusthan College of Arts and Science, Coimbatore Organized a “**State Level Intercollegiate Paper/Poster Competition – Young Biologist Award**” on 27th July, 2018 to commemorate **Dr. A.P.J. Abdul Kalam’s death Anniversary**. **Dr. G. Rajalakshmi, Associate Professor and Head** welcomed the gathering. **Mrs. Sarasuwathy Khannaiyann, Managing Trustee, Hindusthan Educational and Charitable Trust** and **Dr. Priya Satishprabu, Executive Trustee and Secretary, Hindusthan Educational and Charitable Trust** felicitated the programme. Presidential Address was delivered by **Dr. A. Ponnusamy, Principal of the College**. **Dr. K. Kathirvelu, Joint Director, DRDO - Centre for Life Sciences, Bharathiar University Coimbatore** was the Chief Guest and delivered a special talk on “**Dr. APJ as a researcher**”. As a part of the programme, participants from various Colleges presented their research work in the form of oral and poster presentations. **Dr. R. Gopalan, Former Scientist C in BSI, Professor and Head, Karpagam Academy of Higher Education** presented the “**Young Biologist Award**” to **Puviyarasu S of SNMV College of Arts and Science, Coimbatore** and **Tharanginipriya. M, of Kongunadu College of Arts and Science, Coimbatore**. **Dr. Mohammed Rafiq Khan K, Assistant Professor of Biotechnology and Coordinator of the Programme** rendered the Vote of thanks.



Seminar and Workshop on Intellectual Property Rights

6th and 7th September 2018

The Department organized a **Two days DBT Star College Scheme Sponsored “Seminar and Workshop on Intellectual Property Rights”** on 6th and 7th September 2018. **Dr. G. Rajalakshmi, Associate Professor and Head** welcomed the gathering. **Mrs. Sarasuwathy Khannaiyann, Managing Trustee, Hindusthan Educational and Charitable Trust** and **Dr. Priya Satishprabu, Executive Trustee and Secretary, Hindusthan Educational and Charitable Trust** felicitated the programme. The Presidential Address was delivered by **Dr. A. Ponnusamy, Principal of the College**. **Dr. Mohammed Rafiq Khan K, Assistant Professor of Biotechnology** introduced the Chief Guest. **Dr. Sharan Gouda, Assistant Controller of Patent & Design, Indian Patent Office, Chennai** was the Chief Guest and delivered a special talk and workshop on **“Overview of IPR, Processing and Patent filing in India –A case study”**. **Mr. V.P. Sarathy, Advocate, Ipdome Strategies Pvt Ltd., Coimbatore Branch** delivered a lecture on **“Contract and Agreements IP focus”**. **Mr. Hariprasad Karnam, IP Expert and Patent Engineer, Ipdome Strategies Pvt Ltd., Chennai Branch** delivered a lecture on **“National and International Patenting”**. **Mr. Prakash Murali, Business**

Development Manager, Ipdome Strategies Pvt Ltd., Chennai Branch delivered a lecture on **“Prospects in Patenting and NBA Act”**. The programme aimed to create the first level IPR awareness among the participants about the beneficial aspects of patenting their creative and novel ideas, inventions, etc. Nearly 250 Students, Research Scholars, Academicians, and Industrialist participated in the seminar cum workshop. Vote of thanks was rendered by **Dr. P. Senthilkumar, Associate Professor of Biotechnology and Coordinator of the Seminar and Workshop.**



The PG and Research Department of Biotechnology, Hindusthan College of Arts and Science, Coimbatore Organized a **Awareness Programme on Intellectual Property Rights on World Science Day** for Higher Secondary School students in the College Premises on 12th November, 2018. **Dr. G. Rajalakshmi, Associate Professor and Head** welcomed the gathering. **Mrs. Sarasuwathy Khannaiyann, Managing Trustee, Hindusthan Educational and Charitable Trust** and **Dr. Priya Satishprabu, Executive Trustee and Secretary, Hindusthan Educational and Charitable Trust** felicitated the programme. Presidential Address was delivered by **Dr. A. Ponnusamy, Principal** of the College. **Ms. Sruthi Radhakrishnan, Assistant Professor of Biotechnology and Coordinator** introduced the Chief Guest. **Mr. A. Raja, Assistant Controller of Patents & Design, Indian Patent Office, Chennai** was the Chief Guest and delivered a special talk and workshop on **“Overview of IPR, Processing and Patent filing in India”**. The programme aimed to create the first level IPR awareness among the school students about the beneficial aspects of patenting their creative and novel ideas, inventions, etc. The programme has explored two different competitions: 1. Model exhibition; 2. Innovative

Research ideas on Applied Science. The best innovative research ideas and model exhibits were awarded. Nearly 81 schoolstudents participated in the awareness programme. Vote of thanks was rendered by **Dr. V. Manon Mani, Assistant Professor of Biotechnology and Coordinator of the Awareness Programme on IPR.**



Certificate distribution to PSGR Krishnammal Hr. Sec.



School

**Organizing Team of Awareness Programme on IPR on World Science Day
National Seminar on Spectroscopy and Analytical Techniques**

9th January 2019

The Department in Association with Microbiology organized a **DBT Star College Scheme Sponsored One Day “National Seminar on Spectroscopy and Analytical**

Techniques” on 9thJanuary 2019.**Dr. LaliGrowther, Associate Professor and Head of Microbiology** welcomed the gathering. The Presidential Address was delivered by **Dr. A. Ponnusamy, Principal of the College.****Dr. Hema shenpagam,Associate Professor of Microbiology** introduced the Chief Guest,**Dr.D.Vasudevan, Senior Principal Scientist**and **Dr. S. Radhakrishnan, Chief Scientist, Central Electrochemical Research Institute, Karaikudi**who delivered a special Lecture on **“Mass spectroscopy, Working Principle and itsApplication in Various fields”**. **Dr. G. Rajalakshmi, Associate Professor and Head, Department of Biotechnology**the rendered the Inaugural Session Vote of Thanks. **Dr.Dr. S.Ravi, Professor and Head,Department of Chemistry, Karpagam Academy of Higher Education, Coimbatore** delivered a Special Lecture on **“Identification and Elucidation of Molecules through Mass Spectrometry”**. **Dr. R.Manju,Associate Professor of Microbiology** delivered Vote of Thanks.



International Conference on “Agricultural Microbiome (ICAM 2019)

22.02.2019

The Post graduate and Research Department of Biotechnology and Microbiology, Hindusthan College of Arts and Science organized an **International Conference on “Agricultural Microbiome (ICAM 2019)”** here in the College premises on **22.02.2019**. **Dr. G. Rajalakshmi, Associate Professor and Head of Biotechnology** welcomed the gathering. The Conference was felicitated by **Mrs. Sarasuwathi Khannaiyann, Managing Trustee, Hindusthan Educational and Charitable Trust**; **Dr. Priya Satishprabu, Executive Trustee and Secretary, Hindusthan Educational and Charitable Trust** and Presided by **Dr. A. Ponnusamy, Principal, Hindusthan College of Arts and Science.****Dr. LaliGrowther,Associate Professor**

and Head of Microbiology delivered the Overview of the Conference. **Dr. K. Alagu Sundaram, Deputy Director General**, Division of Agricultural Engineering, Krishi Anushandan Bhawan, New Delhi delivered the Inaugural Address for the Conference. **Prof Huseyin Baris Tecimen, Department of Soil Science and Ecology, Faculty of Forestry, Istanbul University, Turkey** was the Chief Guest for the Conference and delivered “**Land Use and Nitrogen Mineralization in Turkey**”, where he explained the effective use of Land resources in Turkey. **Dr. S. Jegan, Scientist, M S Swaminathan Research Foundation, Chennai** delivered a special lecture on “**Plant Microbiome – A Potential Source for Enhancing Soil Fertility**”, where he explained the Importance of Plant Microbes in Soil Fertility. **Dr. D J Bagyaraj, INSA Hon Scientist & Chairman, Bengaluru** delivered a Lecture on “**Arbuscular Mycorrhizal Fungi for Sustainable Agriculture**”. As a special event of the Conference, Souvenir – Collection of abstracts was also published. The Glimpses of the Conference was portrayed by **Dr. Mohammed Rafiq Khan, Assistant Professor of Biotechnology**. **Dr. K. Kadirvelu, Joint Director, DRDO- Bharathiar University, Coimbatore** delivered the Valediction address. The Conference aimed to accelerate scientific discoveries and major milestones in the current situation, challenges and innovations relating to Agricultural Sciences and also its relevant areas like Biofuels, Bioenergy, Biopolymer, Bioplastics, Pharmaceuticals and High Value-Added Biochemicals and Nanobiotechnology. Nearly 280 Students, Research Scholars, Academicians, and Industrialist participated and presented their research findings in the conference. Vote of thanks was rendered by **Dr. Suja, Assistant Professor of Microbiology**.



National Science Day Celebrations – an Intercollegiate Meet

28th February 2019

The Department organized a DBT Star College Scheme Sponsored “National Science Day Celebrations – an Intercollegiate Meet” on 28th February 2019. **Dr. G. Rajalakshmi, Associate Professor and Head** welcomed the gathering. **Mrs. Sarasuwathy Khannaiyann, Managing Trustee, Hindusthan Educational and Charitable Trust** and **Dr. Priya Satishprabu, Executive Trustee and Secretary, Hindusthan Educational and Charitable Trust** felicitated the programme. The Presidential Address was delivered by **Dr. A. Ponnusamy, Principal of the College. Dr. S. G. Antony Godson, Assistant Professor of Biotechnology** introduced the Chief Guest. **Dr. S. Sadhasivam, Associate Professor, Department of Extension and Career Guidance, Bharathiar University, was the Chief Guest of the Day** and delivered a special talk on “**Science for the People and People for Science**”. As a part of the Celebration various Events like Agar Art, Short Film, Biocartooning, Just a Minute, Quiz was conducted. Nearly 80 students participated in the various competitions. The winners of the each event were awarded with a Cash Prize and a Certificate in **Mrs. R. Gohila, Assistant Professor of Biotechnology** rendered Vote of Thanks.



National Conference on Mathematical and Computational Biology

7th March 2019

The Department in association with Microbiology, Mathematics and Computer Science organized a **One day DBT Star College Scheme Sponsored “National Conference on Mathematical and Computational Biology”** on 7th March 2019. **Dr. G. Rajalakshmi, Associate Professor and Head, Department of Biotechnology** welcomed the gathering. **Mrs. Sarasuwathy Khannaiyann, Managing Trustee, Hindusthan Educational and Charitable Trust** and **Dr. Priya Satishprabu, Executive Trustee and Secretary, Hindusthan Educational and Charitable Trust** felicitated the programme. The Presidential Address was delivered by **Dr. A. Ponnusamy, Principal of the College**. **Dr. S. Sasikala, Associate Professor of Computer Applications** introduced the Chief Guest, **Mr. Palanisamy Ramasamy, Senior Manager, DELL, Bengaluru** who delivered the Inaugural Address and an invited lecture on **“Digital transformation and Data Security”**. **Dr. Lali Growther, Associate Professor and Head, Department of Microbiology and Staff Coordinator of DBT Star College Scheme** introduced the Chief Guest, **Dr. Shailesh Kumar, Staff Scientist, National Institute of Plant Genome Research (NIPGR), New Delhi** who delivered a lecture on **“Analysis of genomics datasets for Microbes, Human and Plants”**. **Dr. S. Anuradha, Professor and Head, Department of Mathematics** introduced the Chief Guest, **Dr. S. Saravanan, Professor and Head of Mathematics, Bharathiar University, Coimbatore** who delivered a lecture on **“Basic Models in Mathematical Biology”**. Nearly 200 Students, Research Scholars, Academicians, and Industrialist participated in the seminar cum workshop. Vote of thanks was rendered by **Dr. N. Sivakumar, Associate Professor of Mathematics**.





About this presentation

- 1. About the organization (MCI)
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