



**DEANERY OF ACADEMICS**  
**BISHOP HEBER COLLEGE (AUTONOMOUS)**

*Ranked 4<sup>th</sup> at National Level by MHRD through NIRF 2017*  
*Nationally Reaccredited with "A" Grade by NAAC with a CGPA of 3.58 out of 4*  
*Recognized by UGC as 'College of Excellence'*  
Tiruchirappalli – 620 017, India [www.bhc.edu.in](http://www.bhc.edu.in)



**2018-2019**  
**List of Events ORGANIZED**

<b>S. No.</b>	<b>Date</b>	<b>Programme</b>	<b>Resource Person</b>	<b>Venue</b>	<b>Beneficiary</b>
1.	07.11.2018 to 09.11.2018	<b>Leadership Programme</b> Workshop on Effective Leadership was organized for the Heads and Co-ordinators.	<b>Dr. Samson Gandhi</b> Person to Person Vijayapuri Colony Behind Poulomi Hospital <b>Dr. A S Rao Nagar</b> Hyderabad Telangana, India. 500062	Cutralam	Staff Council Members
2	16.08.2018 to 12.09.2018	<b>Visit to the Departments</b> Interaction of the administrators with 21 Departments in both Shift 1 & 2 was organized to bring closer co-ordination between the Staff and the Management.	<b>Principal</b> <b>Vice Principals</b> (Aided, SF) <b>Dean of Arts</b> <b>Dean of Sciences</b>	Governing Board Room, BHC	21 Departments

3	04.04. 2019	<p style="text-align: center;"><b>Innovative Research Convention (IRC)</b></p> <p><b>IRC</b> was organized to enhance interdisciplinary and innovative research among UG, PG &amp; M.Phil. Students</p>	<p><b>Dr. K. Ruckmani</b>  Professor &amp; Head, Dept of Pharmaceutical Technology,  Director, Centre for Nanobio Translational Research  (Autonomous),  Bharathidasan Institute of Technology,  Anna University,  Tiruchirappalli - 620 024</p> <p><b>Dr. N. Thamaraiselvan</b>  Professor,  Department of Management Studies  National Institute of Technology,  Tiruchirappalli - 620015.</p> <p><b>Dr. S. Parthasarathy</b>  Professor, Department of Bioinformatics,  School of Life Sciences,  Bharathidasan University,  Tiruchirappalli - 620 024.</p>	<p style="text-align: center;">Multipurpose Building,  BHC</p>	<p style="text-align: center;">All Faculty Members</p>
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4	29.01.2019	<b>Students Interaction with Principal &amp; Deans</b> Students' interaction with Principal was held at GB room, Golden Jubilee Block, to acquire the Feedback from the students about the teaching and learning processes and on further requirements related to facilities in the Campus and Academic matters.	<b>Dr. D. Paul Dhayabaran</b> Principal <b>Dr. V. Violet Dhayabaran</b> Dean of Sciences <b>Dr. S. Sobana</b> Dean of Arts	Golden Jubilee Building, BHC	Student Council Members
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**LIST OF EVENTS ORGANIZED BY DEANERY OF ACADEMICS: 2019-2020**

**List of Programmes Organized**

<b>S. No.</b>	<b>Date</b>	<b>Event</b>	<b>Venue</b>	<b>Resource Person</b>	<b>Beneficiary</b>
1.	10.06.2019 18.06.2019 & 22.06.2019	<b>Orientation &amp; Workshop</b> Outcome based Education	Multipurpose Auditorium	<b>Dr. Parthasarathy</b> Head, Assistant Professor Bharathidasan University.	All the Faculty Members of BHC
2.	24.06.2019 & 25.06.2019	<b>IGNITE 2019</b>	Multipurpose Auditorium	Heads & Coordinators of BHC.	Basic Sciences of UG Department Students of BHC.
3.	04.10.2019	<b>Investiture Ceremony –</b> Installation for Student Academic Council Members	Golden Jubilee Conference Hall.	<b>Dr. Paul Dhayabaran</b> Principal & Dean of Arts & Dean of Sciences	Student Council Members
4.	11.02.2020	<b>Assessment of</b> <b>Requirements and Up</b> <b>Gradation of Laboratory</b> <b>Facilities</b>	Science Department - Labs	Deanery of Academics (Sciences)	Science Departments
5.	22.11.2019	<b>Faculty Development</b> <b>Program:</b> i) Effective Teaching ii) Effective Leadership	Multi-purpose Auditorium & Golden Jubilee Gallery Hall	<b>Prof. Jayakar Chellaraj,</b> Former Principal, Bishop Heber College, Tiruchirappalli.	All the Faculty Members of BHC

				<b>Rev. Dr. Peter Singh</b> , Principal, Tamil Nadu Theological Seminary, Madurai	
6.	24.02.2020	<b>Innovative Research Convention Competition – IRC-2020</b>	Multipurpose Auditorium,	<b>Dr. George Prakash Raj</b> Associate Professor Dept. of Comp. Science & Applications BARD <b>Dr. Achiraman</b> Associate Professor Dept. of Environmental Biotechnology BARD <b>Dr. Anandan</b> Associate Prof. of Chemistry NIT, Trichy. <b>Dr. Karthikeyan</b> Dean - Students St. Joseph's Institute of Management St. Joseph's College <b>Dr. D. E. Benet</b> Vice-Principal & Associate Prof. of English National College, Trichy.	All Students from BHC.
7.	26.02.2020	<b>Intellectual Properties Rights Significance &amp; Applications - (IPR)</b>	Golden Jubilee Conference Hall.	<b>Dr. Rukmani</b> Director – Centre for Excellence in Nanobio Translational Research Anna University, Chennai <b>Dr. Arun Kumar</b> Senior Scientist CSIR-FPRI Bangalore.	Student Council Members

8.	28.02.2020	<b>National Science Day Celebration</b>	Multipurpose Auditorium, BHC	<b>Mr. C. Ramalingam, TSF</b> <b>Mr. Manohar, TSF</b>	II & III Year UG Students from the Departments of Basic Sciences & Life Sciences
9	02.03.2020	<b>Invited Talk:</b> A Special lecture on the Intelligent Design of the Universe.	Golden Jubilee Conference Hall, BHC	<b>Dr. Latha Chrisie,</b> Sr. Scientist & Associate Director, DRDO, Bangalore.	III UG & I PG Students.
10	19.11.2019 to 21.11.2019	<b>International Conference on Applications of Basic Sciences - (ICABS)</b>	Gallery Hall Multipurpose Building	<b>Dr. Paul Dhayabaran</b> Principal	Basic Science Staff Members
11	18.08.2018	<b>Accelerators for Science and Society &amp; Evolution of the periodic table of elements and the chart of nuclides</b>	Golden Jubilee Conference Hall, BHC	<b>Prof Dr. Swaminathan Kailas</b> Bhabha Atomic Research Centre (Retired) and UM-DAE Centre for Excellence in Basic Sciences, Mumbai	III UG & I PG Students.

## **Report**

### **1. Orientation Program cum Workshop on Curriculum Development & Designing: Enhancement of the Structure of the Syllabus based on the Bloom's Taxonomy Classification 18 to 22 June 2019**

Deanery of Academics organized a one day Orientation Program on Curriculum Development & Designing: Phase 2: Enhancement of the Structure of the Syllabus based on the Bloom's Taxonomy Classification on 22 June 2019 (Saturday), in the Multipurpose Auditorium, Bishop Heber College. The purpose of the program was to help all the staff of our college to benefit in understanding the method preparing the curriculum and syllabus based on the model of Bloom's Taxonomy. This was planned to equip them towards excellence in the designing of the curriculum and up gradation of the syllabus in the global scenario. The Resource Person for this Orientation Program was Dr.S.Parthasarathy, Director, University Informatics Centre, Professor & Head, Department of Bioinformatics, School of Life Sciences, Bharathidasan University, Trichy 620 024. After the Prayer, Dr. Violet Dhayabaran welcomed the gathering the made the opening remarks on the purpose of the Orientation Program. Dr. Valarmathy, Vice-Principal of the Aided section, Bishop Heber College enumerated on the need for restructuring the curriculum and syllabus based on the Bloom's Taxonomy. Dr. D. Paul Dhayabaran, Principal, Bishop Heber College delivered the Presidential address and encouraged the staff to have a broader outlook in looking at the contemporaneity of the curriculum considering the global market place scenario. Dr. Parthasarathi, then took over the session and explained in detail all aspects Bloom's Taxonomy, the working model of Bloom's Taxonomy classification based on the experience the University Departments had gathered in the yester years and few case studies of the other departments, analyses of a few question papers based on Bloom's Taxonomy and so on. He explained in detail the methodology of writing the Learning Outcomes, Course Outcomes, Program Outcomes and Program Specific Outcomes. Dr. G. Gnanaraj, proposed the vote of Thanks. In the post-lunch session, the staff of all the departments were divided into department groups, paper wise and were made to work on their respective papers with the

course coordinators as the heads of their respective groups. Staff could prepare the **COs, POs, PSOs** followed by **Mapping** of the Content and the Question Paper. for all the papers for one semester and were made to submit the Learning Outcomes for all the Units for their respective papers allotted to them in the format provided to them and submit the same to the Deanery of Academics at the end of the Orientation Program.



**Dr. S. Parthasarathy**, Director,  
University Informatics Centre, Professor & Head, Department of Bioinformatics, School of Life Sciences,  
Bharathidasan University, Trichy 620 024.



2.

## **IGNITE'19**

### **An Interdisciplinary Workshop**

**24 and 25 June 2019**

An interdisciplinary DBT star college scheme sponsored two day student workshop “IGNITE’19” for final year undergraduate students of basic sciences was conducted on 24<sup>th</sup> and 25<sup>th</sup> June 2019 at Bishop Heber College in the Multipurpose auditorium. The opening prayer was offered by Dr. Priscilla Suresh, Head, Department of Zoology. The program was inaugurated by Dr. S. Valarmathi, Vice-Principal and Head, Department of Mathematics. The heads of the departments from Mathematics, Physics, Chemistry, Botany, Zoology, Environmental Science, Biotechnology and Bioinformatics have presented the possible interdisciplinary projects relevant to societal applications. One thousand and twenty three students of third year under graduate programme were divided into 88 groups comprising students of different disciplines in each group. Based on the interest of their group members, the presentations were made by the all the groups in five different halls on the second day. The judges have evaluated the group presentation. The best 50 presentations were chosen and given prizes and certificates, others were given participation certificates.

This workshop was aimed to bring out the innovative ideas, hidden talents and potential of the students. It provided connectivity with all disciplines and helped to think beyond their level of understanding in their discipline. From the workshop, 1023 final year outgoing students got benefitted and the students got exposed to interdisciplinary areas of research and they are interested to take up interdisciplinary projects. The program was coordinated by Dr. V. Violet Dhayabaran, Dean of Sciences& DBT Co-ordinator and all the faculty members of basic science departments of Bishop Heber College contributed as facilitators. This kind of unique workshop was conducted successfully for the benefit of final year undergraduate students for the first time at Bishop Heber College.



3.

### **Installation of Students Academic Council**

**04 October 2019**

The Deanery of Academics organized the **Installation of the STUDENTS ACADEMIC COUNCIL**, the first of its kind in Bishop Heber College, Trichy on 04 October 2019 and this was followed by the General Assembly of the Students' Academic Council in the Golden Jubilee AC Seminar Hall.

The purpose of the General Assembly of Students Academic Council was to orientate the student members of the Academic Council on their new responsibilities. The Vision and Purpose of the Student Academic Council was expounded by Dr. Violet Dhayabaran, Dean of Sciences and Dr. G. Gnanaraj, Dean of Arts, Bishop Heber College, Trichy. Dr. Paul Dhayabaran, Principal, Bishop Heber College, Trichy formally installed the Students' Academic Council and rendered the Presidential Address where he motivated the students to find the best avenues for pooling themselves together based on their areas of interest and skills and involve more in academic activities to strengthen the academic environment inside the campus. This was followed by a brief interaction time with the Principal. Around 150 students who are academically sound were selected for the General Assembly and 50 final year students who had excellent academic records were chosen for the Executive Students Body participated in the installation program. Dr. A. Josephine Prabha, Associate Dean of Sciences, Bishop Heber College, Trichy welcomed the gathering and Dr. K. Shanthi, Associate Dean of Arts Proposed the Vote of Thanks.



4.

## **Assessment of Requirements and Up Gradation of Laboratory Facilities**

**11 February 2020**

Audit for all Science Labs were carried out during 11 February 2020 to evaluate the effective functioning of Science Laboratories, evaluation of the utilization of financial support extended by the management in the up gradation of facilities in labs for teaching and research purposes for the benefit of Students and research scholars, safety measures taken and to gage the waste disposal and management of various resources.

Information regarding the Lab Audit was passed on to the departments well ahead and a team of verifying officers was appointed and assigned to visit the Laboratories (Physics, Chemistry, Botany, Zoology, Environmental Science, Biotechnology, Nutrition and Dietetics). The auditors during the process verified the following documents – Registers, Stock Register, Accession Register and eventually submitted a report recording their observations and further providing their suggestions as well. The safety measures taken by the departments were analyzed during the audit and the records of disposal of wastes from the laboratory were scrutinized by the officers. The review of the audit was made and the feedback forms were collected from the officers. The Audit reports were submitted to the Principal and later to the Dean of Sciences at the office of the Deanery of Academics.



5.

### **Faculty Development Program**

**22 November 2019**

The Deanery of Academics organized a one day **Faculty Development Program** on **22 November 2019**. The Inaugural session of the FDP commenced with the Prayer offered by Dr. Valarmathy, Vice-Principal (Aided), Bishop Heber College, Trichy. Dr. Violet Dhayabaran Welcomed the gathering and made her welcome remarks and this was followed by the Presidential Address given by the Principal, Dr. Paul Dhayabaran. The faculty members were bifurcated into groups based on the number of years of teaching experience, had different sessions with two prominent resource persons, Prof. Jayakar Chellaraj, formerly Principal of Bishop Heber College, Trichy for staff below 10 years of experience and Rev. Dr. Peter Singh, Principal, Tamil Nadu, Theological Seminary, Madurai.

Prof. Jayakar Chellaraj, spoke on the topic “Effective Teaching” to the young faculty members on how the aim of India’s higher education system is to attain sustainable development and achieve higher growth rates which could be enabled through creation, transmission and dissemination of knowledge. He spoke on how the higher education at all

levels in the country is witnessing a consistent growth pattern marked by the setting up of new institutions and the improvement of the existing ones. He insisted that the demand for qualified teachers and faculty members over the next few years would be substantial and will become extremely critical for states to expand the current institutional capacities, not only of infrastructure but also of qualified and trained faculty members. Hence, he urged the faculty members to do more conscientious work and improve their standard of professionalism when imparting teaching, testing, evaluation and knowledge as a whole.

Rev. Dr. Peter Singh, Principal, TTS, Madurai spoke on the topic “Effective Leadership” addressing the senior faculty members who are mostly the second line leaders and will be the future the leaders of various department in this institution. He spoke on the following aspects:

- Why change is not possible in our institutions
- How tensions can destroy can destroy change
- What is the needed perspective to bring the desired change
- Who am I to bring the change

The following were for introspection:

**i) Rediscovering oneself:**

- We are the community of professionals
- We are the community of explorers
- We are the community of conservationists
- We are the community of abortionists

**ii) Refashioning Effective Leadership:** Rediscovering our abilities, respecting others, Integrity in our Leadership, Character & Consistency of thought & action, developing a servant heart.

**iii) Re-visioning Leadership:** The FDP came to a close with Dr. Shanthi, Associate Dean of Arts proposing the Vote of Thanks for one group and Dr. Josephine Prabha, Associate Dean of Sciences for the other group of faculty members.



6.

## **Innovative Research Convention (IRC) 2020**

**24 February 2020**

The Deanery of Academics organized a one day **Innovative Research Convention 2020** on **24 February 2020** for the select students with research bent of mind from all the departments. This was a most important happening in the college which was organized to develop and optimize strategic techniques and methods in all spheres of human thinking enabling the implementation of new and better solutions to the existing problems of man. This even focused on creating new ideas, analyzing problems, diagnosing them and identifying their causes. The goal of the Deanery of Academics was to setup a research **incubation center** for the future generation to always refer to and use the ideas for the betterment of life and system in the campus and the society outside.

The purpose of IRC 2020 was to develop creativity, innovative ideas and scientific thirst among the student community which can be channeled into useful and socially relevant projects which will benefit the communities outside and inside our campus. In this context, posters or models were invited from each department which will have a social



bearing, a specific approach to the existing problems inside and outside of this campus and addressing the pressing issues and The focus were on innovative solutions for **Energy conservation, Treatment of waste water, Waste management, Startups for economic development, Social inclusion or any other relevant issue.**

There were 309 Students who registered for the convention, they were grouped in teams, consisting of three persons per team. There were categorized as given below:

- i) Science I (Mathematics, Physics, Chemistry, Actuarial Science, Environmental Science)
- ii) Science II (Botany, Zoology, Bio-Technology, Bio-Informatics, Nutrition and Dietetics)
- iii) Science III (Library Sciences, Computer Science, Computer Applications (UG), Computer Applications (PG), Information Technology)
- iv) Arts I (English, Tamil , Other languages, Social work)
- v) Arts II (Commerce, Management Studies, Economics, History)

The Hackathon 2020: IRC 2020 was formally inaugurated by Dr. Paul Dhayabaran, Principal, Bishop Heber College, Trichy by invoking God's blessings and cutting the ribbon. The students made their presentations to the respective Adjudicators designated for the purpose. The following were the distinguished personalities in the respective domains of knowledge who were invited as Adjudicators to evaluate the presentations by the students:

<b>S. No.</b>	<b>Name of Judges</b>	<b>Category</b>
<b>1.</b>	<b>Dr. Anandan</b> Associate Professor, Department of Chemistry, National Institute of Technology, Tiruchirappalli.	Basic Sciences
<b>2.</b>	<b>Dr. S. Achiraman</b> Associate Professor, Department of Environmental Biotechnology, Bharathidasan University,	Life Sciences

	Tiruchirappalli.	
<b>3.</b>	<b>Dr. E. George Dharma Prakash Raj</b> Associate Professor, Department of Computer Science & Applications, Bharathidasan University, Tiruchirappalli.	Computer Sciences
<b>4.</b>	<b>Prof. S. Karthikeyan,</b> Dean - Students Assistant Professor St. Joseph Institute of Management, St. Joseph's College, Tiruchirappalli.	Management & Commerce
<b>5.</b>	<b>Dr. D. E Benet,</b> Vice Principal & Associate Professor Department of English National College Tiruchirappalli.	Humanities

The Valediction had the Prayer, College Song, the Welcome Address proposed by Dr. Violet Dhayabaran, Dean of Sciences. Dr. Paul Dhayabaran, Principal delivered the Presidential Address. The introduction of the Resource Persons were made by Dr. K. Shanthi, Associate Dean of Arts. The Adjudicators shared their remarks and suggestions for improvement which was followed by the prize distribution. The Vote of Thanks was proposed by Dr. Josephine Prabha, Associate Dean of Sciences. **In all there were 88 poster presentations and 25 models displayed for demonstrations.** The program ended with the National Anthem.



## 7. Intellectual Properties Rights Significance & Applications (IPR)



8.

## National Science Day Celebration

28 February 2020

The Deanery of Sciences of the Bishop Heber College Celebrated the 33<sup>rd</sup> National Science Day on the 28<sup>th</sup> February 2020. The Day was full of activities related to the Theme: Women in Science given by the Dept. of Science & Technology. The college organized a commemorative lecture on the Significance and Importance of the Findings of

Sir C V Raman. The Principal Dr. Paul Dhayabaran delivered the presidential address and spoke about the significant contribution by the women in science and how women can rise the standard of the society at large through their discovery. In his address he spoke about the great mathematician of India, Shakunthala Devi and her extraordinary brilliance. Mr.C.Ramalingam, Former General Secretary of the Tamil Nadu Science Forum gave a talk on the topic: Raman Effect and emergence and the scientific bent of mind necessary for every growing society. 1500 students from the III & II UG (Shift I) from the departments of Physics, Chemistry, Botany, Zoology, Biotechnology and Bioinformatics took part in the lecture. The Secretary of the Tamil Nadu Science Forum, Trichy City Mr. J. Manohar addressed the students on the importance of scientific thinking in elevating the society and invited students to join hands in creating awareness among people along with the Tamil Nadu science Forum and its activities to popularize scientific and Rational thinking among the masses. The College organized a series of events on the National Science day. A special seminar on Innovation and Intellectual Property Rights was organized to encourage students to involve in research right from their day one in Higher education. Dr. K. Ruckmani, Director, Centre for Excellence in Nano-Translational Research, Anna University addressed the students about "Being an Innovator". Dr. Arun Kumar P, Senior Scientist, CFTRI, Mysore addressed the students about issues of Intellectual property Rights and Innovations. The Undergraduate students of all the science departments had the opportunity to witness the documentary presented in memory of the six Indian women scientists who made other countries turn their attention to India. Students also took a pledge to be beacons of scientific Thinking by adorning a mask of Sir. C V Raman. The meeting ended with a note of Thanks by Dr. S. Angeline Vedha, Department. of Chemistry.



9.

### **Lectures on Intelligent Design of the Universe**

**02 March 2020 (Golden Jubilee A/C Seminar Hall)**

The special lecture on “**Intelligent Design of the Universe**” was organized by the Deanery of Academics of Bishop Heber College (Autonomous) on 02<sup>nd</sup> March 2020, at the Golden Jubilee A/C Seminar Hall. The students of final year UG programme and first year PG programme of Science departments, namely, Physics, Chemistry, Botany, Zoology, Biotechnology, Environmental Science and Bioinformatics attended the programme. The programme was presided over by Dr. D. Paul Dhayabaran, Principal. Dr. Alagappa Moses, Vice Principal, Dr. V. Violet Dhayabaran and Dr. G. Gnanaraj, Deans of Academics and Heads of Science departments witnessed the programme. The Resource person, **Dr. Latha Christie**, Associate Director, Defense Research & Development Organization (DRDO), Ministry of

Defense, Bangalore emphasized the intelligent design of the Universe in her lecture. She elucidated the theories on origin of Universe in an interesting manner and also highlighted the supernatural intelligence that exist beyond the Universe. Further she explained how the contributions of Scientists and their arguments support the intelligent design of the Universe. Her lecture brought leading-edge insights about the recent controversies about the origin of Universe. She also shared her expertise in the fields of cosmology, astronomy, physics and biology through the interactive sessions. It was an aspiring occasion for the students to think and reflect about the origin of Universe and undoubtedly the talk would have inspired the students to excel in their research and to know the hidden treasures of the intelligent design and formation of the universe.



10.

## **International Conference on Applications of Basic Sciences – ICABS 2019**

### **19 to 21 November 2019**

#### **About the Conference:**

The recent advances in technological innovation and the human ability to adapt themselves to the technologies are amazing. Innovative technologies are introduced every day. Therefore, it is imperative for those working in the fields of science, technology and education to learn about their own developments and adapt themselves accordingly.

Accordingly, a Global Seminar on Basic Sciences Applications has been organized at Bishop Heber College, Tiruchirappalli, from November 19-21, 2019, based on the basic scientific disciplines involved in this technology innovation research.

#### **Purpose of the Conference:**

The purpose of this briefing is to bring together researchers engaged in technology innovation research in India and abroad. This allows junior scientists to have an opportunity to meet with senior scientists and learn from them about the progress and the current trend in their field research. This commentary has been organized for the lectures of nearly twenty leading senior scientists from various countries and for the creation of more than forty scientific discoveries. It is expected that more than two hundred scientists from India and globally will participate in the event. Also published in this article are the scientific works published by Springer, the world's leading scientific publisher.









11.

Lectures on  
**Accelerators for Science and Society**  
&  
**Evolution of the periodic table of elements and the chart of nuclides**

Sponsored by  
INSA & UGC (through 'College of Excellence' scheme)

**18 August 2018**

The lecture programme by Prof. S. Kailas was a wonderful opportunity granted to this part of state by INSA & UGC (through 'College of Excellence' scheme). It is very fortunate to have the association of Prof. Kailas and it is because of the concern and focus of INSA & UGC towards the great art of 'nation building'. Bishop Heber College, a premier institution of higher education has been involved in the mission of educating young men and women especially the poor, the needy and the under privileged to liberate them to constitute a strong nation. In this context, it is very nice of Dr. Kailas who chose Bishop Heber College as the nodal center for his lecture sponsored by INSA & UGC. We feel

very happy that INSA & UGC extend sponsorship to reach the unreached with science and technology and to equip the young men and women from rural and suburban areas. The co-ordinator Dr. S. Valarmathi, Head, Department of Mathematics & Vice-Principal, Bishop Heber College prepared the brochure carefully and coordinated all small and big things. Dr. Violet Dhayabaran, the organizer of the lecture made all local arrangements and saw that the brochure reaches more than 50 institutions in and around Tiruchirappalli. Totally 426 students and teachers attended the lectures and got benefited.

There were three sessions. Session I was for all science students. Dr. Kailas gave his first lecture on ‘Accelerators for Science and Society’. His second lecture on ‘Evolution of the Periodic Table of Elements and the Chart of Nuclides’ was given in Session II. It was attended by the students and teachers of Departments of Physics and Chemistry. Lastly, Session III was an interaction session for teachers. Dr. Kailas gave guidance to prepare projects that would not be rejected by the funding agencies. Also he suggested ideas to get linked with renowned scientists and institutes in the country. The teachers spent two hours in interaction with him.

Most of the students and teachers felt that it was so good to have attended the programme and requested us to organize more of this kind.

**Brief Inaugural Session**



**INSA Lecture Session - I**





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1.	20.08.2020 to 28.08.2020	<b>Outcome Based Education</b>	Board Room Golden Jubilee Building	<b>Deanery of Academics</b>	All the Faculty Members of BHC
2.	27.10.2020 to 02.11.2020	<b>A Four-Day Workshop on E-Content Development</b>	Online	<b>Dr. S. SENTHILNATHAN</b> , Professor of Educational Technology & Director (FAC), UGC-HRDC, Bharathidasan University. <b>Dr. P. MUTHUPANDI</b> , Associate Professor, Dept. of Education (DDE), Madurai Kamaraj University. <b>P. EDWARD PACKIARAJ</b> , Freelance Multimedia Trainer C/o Rosary E-Solutions, Trichy	All the Faculty Members of BHC

3.	11.01.2021	<b>Awareness E-Workshop</b> NPTEL & SWAYAM under MHRD portal	Online	<b>Deanery of Academics</b>	All Students
4.	26.02.2021	<b>National Science Day</b> <b>Celebration</b>	Online	<b>Dr. T. V. Venkateswaran,</b> <b>Senior Scientist from DST,</b> Government of India, New Delhi	All Students
5.	<b>05.03.2021</b> <b>06.03.2021</b>	<b>A Two-Day Faculty</b> <b>Development Programme</b>	AC Seminar Hall Admin Block & Indoor Auditorium	<b>Dr. S. Franklin John,</b> <b>Dr. G. Alex Rajesh,</b> <b>Dr. Sheeja. R</b> <b>Dr. Vimala K V</b> FAVS Academy Coimbatore	40 Faculty Members
6.	<b>17.03.2021</b>	<b>Heber Hackathon -2021</b>	Online	<b>Dr. D. Paul Dhayabaran</b> Principal & <b>Deanery of Academics</b>	Intercollegiate
7.	<b>22.02. 2021</b>	<b>Review on Curricular</b> <b>Aspects of Value</b> <b>Oriented Courses</b>	Council Room	<b>Deanery of Academics</b>	Coordinators of VLO & Soft skills

## Report

1.

### **Outcome Based Education**

**20 to 28 August 2020**

To review the syllabi of the departments for the OBE requirements. A series of review meetings from 20.08.2020 to 28.08.2020 were organized. Departmental presentation of their syllabi was made based on **Outcome Based Education**. The Articulation Mapping and PO, PSO & CO were formulated for all the Departments.



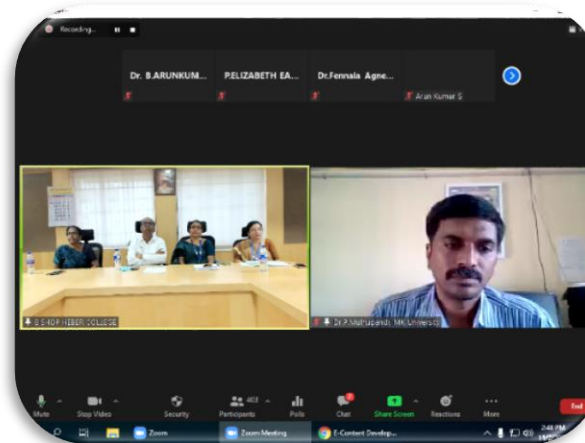
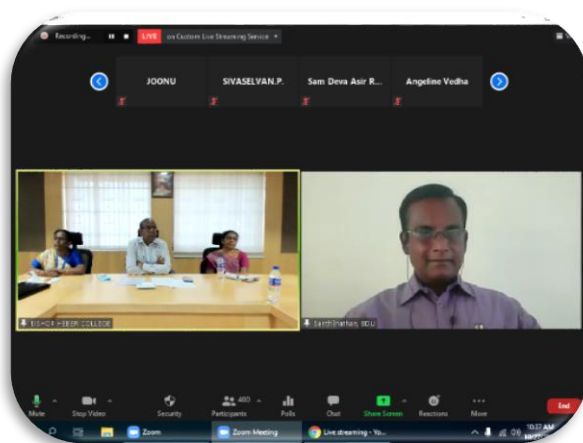
2.

### **A Four-Day Workshop on E-Content Development**

**27 October 2020 to 02 November 2020**

A **Four-Day Workshop on E-Content Development** was organized from 27.10.2020 to 02.11.2020. **Dr. S. SENTHILNATHAN**, Professor of Educational Technology & Director (FAC), UGC-HRDC, Bharathidasan University, **Dr. P. MUTHUPANDI**, Associate Professor, Dept. of Education (DDE), Madurai Kamaraj University, **P. EDWARD PACKIARAJ**, Freelance Multimedia Trainer C/o Rosary E-Solutions, Trichy were the Resource Persons.

As an outcome of this workshop a Short Learning Object (SLO) (video) of 5 minutes duration was submitted by 324 faculty members. Nearly 524 faculties were benefited from this workshop.



3.

### **Awareness E-Workshop**

**11 January 2021**

Deanery of Academics conducted an **Awareness E-Workshop** on 11.01.2021 to facilitate on UG & PG students to register for online courses in NPTEL & SWAYAM under MHRD portal.

4.

## National Science Day Celebration

26 February 2021

**Dr. T. V. Venkateswaran, Senior Scientist from DST, Government of India, New Delhi** delivered a lecture on “Industrial Revolution 4.0” and interacted with students through the virtual mode.





5.

## A Two-Day Faculty Development Programme

05 and 06 March 2021

A Two-Day Faculty Development Programme was jointly organized with AIACHE, New Delhi for a group of 49 faculty members including 6 faculty members from Holy Cross College on “Train the Trainer: Mind Mapping and Stress Management”. The resource persons were **Dr. S. Franklin John, Dr. G. Alex Rajesh, Dr. R. Sheeja, Dr. K. V. Vimala**, FAVS Academy, Coimbatore



6.

## Heber Hackathon - 21

17 March 2021

To motivate the students for innovation, original thinking, creative content preparation and to identify socially relevant problems, a state level Intercollegiate and Intracollegiate competition **HEBER HACKATHON-21** was conducted for students on the theme **Light**. The prize winners were honored with Cash Prizes.



7.

## **Review on Curricular Aspects of Value Oriented Courses**

**22 February 2021**

In order to review and ensure the quality of the course content of Value Oriented Courses by the deanery of Academics, the following Course Coordinators were asked to attend the meeting on 22 February 2021:

<b>S. No.</b>	<b>Name of the Staff Representative</b>	<b>Designation &amp; Department</b>	<b>Coordinator</b>
1	Dr. A. Sheeba Princess	Assistant Professor of English	Life Skills
2	Dr. Vinoth Isaac Peter	Assistant Professor of Tamil	Scripture Studies & Value & Life Oriented Education
3	Dr. Hannah	Assistant Professor of Commerce	
4	Dr. Aruna	Assistant Professor of Tamil	Gender Studies
5	Dr. C. Ravichandran	Associate Professor of En science	Environmental Studies
6	Dr. Daisy Caroline	Assistant Professor of En science	Environmental Studies
7	Dr. Sheela Mary	Assistant Professor of En science	Environmental Studies

**Other Members present:**

1. Dr. Umesh Samuel Jebaseelan, Principal (Projects)
2. Dr. Violet Dhayabaran, Dean of sciences
3. Dr. S. Sobana, Dean of Arts
4. Dr. K. Shanthi, Associate Dean of Arts
5. Mr Antony Raj, Assistant Professor of Physics

**Discussions:**

A review was conducted to ensure the quality of the course content of Value Oriented Courses by the deanery of Academics where the Course Coordinators attended and shared the details regarding the Course content of the respective courses, the strengths, the lacuna in the organization part or in the implementation of skills related training, threats and the possible avenues for improvement by restructuring the content.

1. It was insisted by the Deanery of Academics that the Courses need to be structured based on the revised Outcome Based Education model and to be passed on for approval in the Academic Council.
2. Dr. Umesh suggested that all these Value and Life Oriented Courses can be grouped under a common umbrella CENTRE FOR VALUE AND LIFE ORIENTED PROGRAMS / EDUCATION.
3. Dr. A. Sheeba Princess presented the following matters concerning LIFE SKILLS offered by the Deanery of Training and Placement to the entire group of II Year students in both the shifts:
  - a) Course: Life Skills – 180 hours (60 classes: 28 classes in shift 1 & 32 classes in shift 2)
  - b) Book: *Life Skills*
  - c) 2 credits
  - d) Crash Course/ Intensified training in Life Skills for 8 or 10 days to be offered to the students who demand this course by the inviting qualified trainers instead of the regular 2 hrs per week for one semester.

4. Dr. Vinoth, RLC Convener and Dr. Hannah, VLO incharge and RLC joint Convener, presented the following:
  - a) RI /MI classes are conducted for UG students in 1st semester and for PG in the 2nd semester. (UG: I and III day orders - 3rd hours, PG: II and IV day orders - 3rd hours)
  - b) Text Books prescribed for UG: RI: *Abundant Life* by Taftee  
MI: *Human Values* by AIACHE/ *Flying High*  
Text Books prescribed for PG: RI: *Christian Living*  
MI: *Happy Living*
  - c) Under the leadership of the Principal, along with the College Chaplain and the Rector, Board of Studies function well to ratify the syllabus and the lessons prescribed for the students.
  - d) Requirements put forth by the Conveners:
    - To be converted into a separate department.
    - Need 8 class rooms to run the classes well.
  - e) Lacuna identified in the meeting: Confusion with regard to inclusion of RI in workload (where a few departments have included in the regular workload and where others have not included, staff take extra hours). This needs to be streamlined into a proper system common to all.
5. Dr. Aruna, Convener of Gender studies presented the following regarding Part 4 Gender Studies Course:
  - a) Text Book entitled *Gender Studies* authored by Dr. Manimegalai is prescribed by the University and is mandatory to all the colleges under Bharathidasan University jurisdiction.
  - b) III year students are offered this as a compulsory paper with 2 Credits to follow.
6. Dr. Daisy Caroline and Dr. Sheela Mary presented matters regarding Environmental Studies paper recommended by UBCHEA/ provided by the Government.
  - a) This course is offered to the I year students where 2 hours are allotted for this in first semester for all science students and 2 hours are allotted in the 2<sup>nd</sup> semester for all Arts departments students.

b) This paper aligns with the Vision, Mission and Outcome based Education of the College Curriculum, Departments and need of the hour to instill in young minds the need for environmental consciousness and the action oriented plans to save the environment.

c) Recommendations placed:

- As this focuses on experiential learning students should this to the community outside their campus.
- Each department to make this a specific goal oriented paper.
- Each department to device one paper connected with environmental studies.
- Discipline wise activities to be framed or Unit 8 to be customized to our needs.
- Staff from all the departments can be trained on this course.



**DEANERY OF ACADEMICS**  
**BISHOP HEBER COLLEGE (AUTONOMOUS)**

*Ranked 4<sup>th</sup> at National Level by MHRD through NIRF 2017*  
*Nationally Reaccredited with "A" Grade by NAAC with a CGPA of 3.58 out of 4*  
*Recognized by UGC as 'College of Excellence'*  
Tiruchirappalli – 620 017, India [www.bhc.edu.in](http://www.bhc.edu.in)



**LIST OF EVENTS ORGANIZED BY DEANERY OF ACADEMICS: 2021-2022**

**List of Programmes Organized**

<b>S. No.</b>	<b>Date</b>	<b>Event</b>	<b>Venue</b>	<b>Resource Person</b>	<b>Beneficiary</b>
1.	30.06.2021	World Asteroid Day	Online	<b>Dr. T.V. Venkateswaran</b> , Senior Scientist from DST, Government of India, New Delhi	200 students
2.	06.07.2021 to 07.07.2021	Two Day International Interdisciplinary Virtual Conference on Environmental Humanities: Relocating the Territories of Nature	Golden Jubilee Building	<b>Dr. Andrew Speedy</b> , Emeritus Student (Fellow) of Christ Church, Oxford, UK. <b>Dr. Nirmal Selvamony</b> , Writer & Ecocritic <b>Dr. Orin Gelderloos</b> , Environmental Activist, Prof. of Biology & Environmental Studies (Rtd), University of Michigan, Dearborn, USA. <b>Mr. Theodore Baskaran</b> , Writer, Historian & Wildlife <b>Dr. P. Arunachalam</b> , Head, Department of Economics, Cochin University, Cochin, Kerala	English, Tamil, Hindi, French, Sanskrit, Commerce, Social Work, Economics, History, Management Studies & Environmental Sciences

3.	12.07.2021 to 19.07.2021	One week Short-Term FDP on ICT Tools for Interactive Teaching and Blended Learning	Online & GB Room, Bishop Heber College	<b>Dr. A. Vimal Jerald</b> Assistant Professor, Department of Computer Sciences, St. Joseph's College, Tiruchirappalli.	National Level – for 500 Faculties, School Teachers & Research Scholars - Capacity Building – Total 750 participants
4.	04.10.2022	National Space Week	Online	<b>Dr. Mylswamy Annadurai,</b> Former Director, ISRO, Bangalore	BHC & Other College Students
5.	01.11.2021 to 02.11.2021	Reforms in Assessment based on Revised Bloom's Taxonomy	Multipurpose Building – I floor	<b>Dr. C. James</b> <b>Dr. D. Hudson Oliver</b>	All Faculty (BHC)
6.	18.11.2021	Student Academic Council Meet	Golden Jubilee Hall, Bishop Heber College	<b>Dr. A. K. Bakthavatsalam</b>	Students
7.	11.12.2021	Webinar on Comet Leonard	Online hosted by Bishop Heber College	<b>Mr. J. Manohar</b> State Coordinator Tamilnadu Astronomical Society <b>Mr. Bala Bharathy</b> President Trichy Astro Club	200 participants
8.	22.02.2022 to 28.02.2022	<b>National Science Week</b>	<b>National Science Week</b>	<b>National Science Week</b>	<b>National Science Week</b>
	22.02.2022	Inauguration of Science Week	Bishop Heber College	<b>Dr. M. Selvam</b> Hon. Vice Chancellor, Bharathidasan University, Tiruchirappalli	Students



		Inauguration of Science Expo & Book Fair	Bishop Heber College	<b>Dr. S. Uma</b> Director, National Research Centre for Banana (NRCB), Tiruchirappalli	Students
23.02.2022		<b>Lecture - 1</b> Building Innovation Ecosystem In Educational Institutions	Bishop Heber College	<b>Ms. K. Selvarani</b> , Innovation Officer, Ministry of Education, Govt. of India, New Delhi	Students
		<b>WORKSHOP - 1</b> Session 1: Foldscope - Technology & Its Uses	Bishop Heber College	<b>Mr. M O. Pandiarajan</b> , Eden Science Club, Madurai	Students
		<b>Workshop – II</b> Session 1: Workshop On Science In Origami	Bishop Heber College	<b>Mr. S. Murugan</b> , Science Communicator, Villupuram Astro Club	Students
		Oratorical Contest – Tamil Oratorical Contest - English	Bishop Heber College	<b>Competition</b>	Students
24.02.2022		<b>LECTURE – 2</b> 75 <sup>th</sup> Milestones of Modern Indian Science and Technology	Bishop Heber College	<b>Dr. S. Sriram</b> , Scientist – D, ICMR-NIRT, Chennai	Students
		<b>Demonstration – 1</b> Joy of Science Simple Science Experiments - Physics and Chemistry	Bishop Heber College	<b>Mr. S. Balagurunathan</b> , NCERT Awardee – Science Communicator	Students

		<b>Lecture – 3</b> Microbial Science and Technology -Impact in Human Life	Bishop Heber College	<b>Dr. Velu Rajesh Kannan,</b> Professor and Head, Department of Microbiology, Bharathidasan University, Tiruchirappalli	Students
		Lecture – 4 Science and Technology - Development in Health Systems in India After Independence	Bishop Heber College	<b>Mrs. T. Santhi,</b> State Coordinator, Samam Arogya Iyyakkam, TNSF	Students
		Rangoli Painting	Bishop Heber College	Competition	Students
25.02.2022		Lecture – 5 75 Inventions & Innovations of Swadeshi Science & Technology	Bishop Heber College	<b>Shri. C. Jebasihamony</b> Deputy Director, Engine Assembly & Integration Entity (EAIE) ISRO Propulsion Complex (IPRC), Mahendragiri	Students
		<b>Workshop - 1 (Session II)</b> Foldscope - Technology & Its Uses	Bishop Heber College	<b>Mr. MO. Pandiarajan,</b> Eden Science Club, Madurai	Students
		<b>Demonstration – 2</b> Joy of Science Session 1: <b>Scientific Thinking</b> An Activity Based Workshop to Enhance Scientific Skills	Bishop Heber College	<b>Dr. K. Ravikumar,</b> Founder, Olympia Academy, Chennai Honorary President, Chennai Astro Club	Students

		<b>Lecture – 6</b> India's Contribution To Astronomy	Bishop Heber College	<b>Mr. Bala Bharathi</b> , Founder President, Trichy Astro Club	Students
		1. Creating Models Using Bio- Degradable Materials 2. Poster Presentation	Bishop Heber College	<b>Competition</b>	Students
		<b>Demonstration – 2</b> Joy of Science <b>Session 2:</b> Scientific Thinking: an Activity Based Workshop to Enhance Scientific Skills	Bishop Heber College	<b>Dr. K. Ravikumar</b> , Founder, Olympia Academy, Chennai Honorary President, Chennai Astro Club	Students
		Workshop - I: <b>Session 3:</b> Foldscope - Technology & Its Uses	Bishop Heber College	<b>Mr. MO. Pandiarajan</b> , Eden Science Club, Madurai	Students
26.02.2022		<b>Science Exhibition</b>	<b>Science Exhibition</b>	<b>Science Exhibition</b>	Students
		National Science Week Celebrations: Cultural Programme	Bishop Heber College	<b>Mr. P. Lenin</b> , Street Theatre Artist, Trichy, Science Film Screening and Theatre Events	Students
		<b>Workshop - I</b> <b>Session 4:</b> Foldscope - Technology & Its Uses	Bishop Heber College	<b>Mr. MO. Pandiarajan</b> , Eden Science Club, Madurai	Students

		<b>Demonstration – 3</b> Joy of Science Demonstration on Science Behind the Miracles	Bishop Heber College	<b>Mr. Arvind Sreekanth,</b> Magician, Tiruchirappalli	Students
		<b>Lecture – 7</b> Development in Science Literature	Bishop Heber College	<b>Dr. U Alibava,</b> Professor, Dean and Head, Department of Tamil Studies, Bharathidasan University, Tiruchirappalli	Students
		<b>Demonstration – 4</b> Joy of Science Demonstration on Science Behind the Miracles	Bishop Heber College	Mr. Arvind Sreekanth, Magician, Tiruchirappalli	Students
		<b>Lecture – 8 :</b> 75 in 75	Bishop Heber College	<b>Prof. Elangovan Rajagopalan,</b> Scientist, ISRO (RTD)	Students
		<b>Competition:</b> 1. Video Presentation 2. Mime	Bishop Heber College	<b>Competition:</b> 1. Video Presentation 2. Mime	Students
27.02.2022		<b>Lecture – 9</b> The Road Ahead: Next 25 Years Of Indian Science & Technology	Bishop Heber College	<b>Mr. V Balamurugan,</b> Scientist – H & Outstanding Scientist, Director- CVRD – DRDO – Avadi – Chennai	Students
		<b>Lecture – 10</b> Science and Agriculture	Bishop Heber College	<b>Dr. G. Sudhakar,</b> Scientist, MSSRF, Chennai	Students

		<b>Lecture – 11</b> Our Address in this Universe	Bishop Heber College	<b>Mr. G Ramesh</b> , Founder President, Kovai Astro Club	Students
		<b>Lecture – 12</b> Women in Science and Technology	Bishop Heber College	Dr. Irfana Begum, Project Officer, Edu SAT, Vigyan Prasar, DST, New Delhi	Students
		<b>Lecture – 13</b> Unsung Heroes and Heroines in Science and Technology	Bishop Heber College		Students
	28.02.2022	<b>Valediction</b>	Bishop Heber College	<b>Dr. T. Senthil Kumar</b> Professor & Dean, University College of Engineering Bharathathidasan Institute of Technology Campus Anna University, Tiruchirappalli. <b>Dr. S. Soundaraperumal</b> Executive Director, TNSTC, Chennai	Students
9	14.03.2022 to 15.03.2022	Sculpting Our Future (Students' Academic Council Members)	Golden Jubilee Block	<b>Mr. Dazil Bennis Fernandez</b> Executive Coach & Learning Consultant, Success Enablers, Hyderabad	Students
10	16.03.2022 to 17.03.2022	Unleashing Effectiveness	Admin Block, III floor	<b>Mr. Dazil Bennis Fernandez</b> Executive Coach & Learning Consultant, Success Enablers, Hyderabad	Faculties

11	21.03.2022 to 23.03.2022	Literature, Language & The Mind	<p><b>Dr. Poornachandran,</b> Sahitya Akademie winning author and erstwhile Professor of Tamil Bishop Heber College Trichy – 17.</p> <p><b>Dr.Karthika,</b> Assistant Professor of English, NIT, Trichy</p> <p><b>Dr. Sujata Menon,</b> Assistant Professor of English, SASTRA University, Thanjavur.</p> <p><b>Dr. Noel Joseph Irudhayaraj,</b> Former head &amp; Chair, School of English and Foreign Languages, Bharathidasan University, Trichy</p> <p><b>Dr. P. Rajaretnam,</b> Associate Professor and H. O. D. of Hindi, Thiruvarur Central University</p> <p><b>Dr.Rajeswari Chandrasekhar,</b> Rtd. Professor and Head, Department of French, Madurai Kamaraj University, Madurai.</p>	Faculties, Research Scholars and Students
12	11.04.2022	Ariviyal Palagai Books Publication Tamil Nadu Science Technology, Chennai-25	<p><b>Dr. Nakul Parashar,</b> Director of Vigyan Prashar,</p> <p><b>Dr. T. V. Venkateswaran,</b> Scientist-F, Vigyan Prashar</p> <p><b>Dr. Srikumar,</b> State Coordinator, Ariviyal Palagai.</p>	

13.	24.04.2022	Installation of 1000 libraries	<b>Mr.K.N.Nehru,</b> Minister of Municipal Administration and <b>Mr. Anbil Magesh Poyaamozhi,</b> Minister of School Education		Faculties, Research Scholars and Students
14.	30.05.2022	Investiture Ceremony of the Students Council	Old Auditorium	<b>Dr. D. Paul Dhayabaran</b> Principal	Student Council Members
15.	21.04.2022 & 23.04.2022	FUTURE MUN	“ <b>FUTURE MODEL UNITED NATIONS 2022</b> ” (Where <b>Discussion Triumphs Destruction</b> ) organized by CHRIST UNIVERSITY, BANGALORE: <b>Five Prizes</b> bagged by students of Heber.		
16.	30.04.2022 & 01.05.2022	SOEL -MUN	10 of our students participated in SOEL – MUN conducted by School of Excellence in Law, Ambedkar Law University, Chennai. <b>Five Prizes</b> bagged by students of Heber.		
17	25.05.2022	Review Meeting on National Science Week (NSW)	<b>Dr. D. Paul Dhayabaran</b> Principal		

## Report

1.

### The World Asteroid Day

30 June 2021

The World Asteroid Day was organized on 30 June 2021. Dr. T.V. Venkateswaran, Scientist H, Vigyan Prasar, DST, Government of India, New Delhi, delivered a special lecture on “Industrial Revolution 4.0” online and interacted with students.



2.

### International Virtual Interdisciplinary Conference on “Environmental Humanities: Relocating the Territories of Nature”

06 and 07 July 2021

More than 34 broader areas were deliberated upon, such as Environmental Management, Environmental Philosophy and Imagination, Folk/Literature and Environmental Philosophy, Environmental Justice, Green Economy, Environmental Marketing, Social Ecology, Environmental Management and the like. **Dr. Andrew Speedy**, Emeritus Student (Fellow) of Christ Church, Oxford, UK. Spoke on “Green Systems: A Holistic Approach”, **Dr. Nirmal**



**Selvamony**, Writer & Ecocritic rendered a talk on *tinai* Studies as the New Avatar of the Humanities, **Dr. Orin Gelderloos**, Environmental Activist, Prof. of Biology & Environmental Studies (Rtd), University of Michigan, Dearborn, USA. Spoke on “Environmental Stewardship”, while **Mr. Theodore Baskaran**, Writer, Historian & Wildlife Conservationist deliberated upon “Language and Ecology”. **Dr. P. Arunachalam**, Head, Department of Economics, Cochin University, Cochin, Kerala delivered the valedictory address on “Natural Resources and Economic Development.”

**The Deanery of Academics – Arts, Bishop Heber College brought out an Interdisciplinary ISBN Book Publication for the year 2021-2022:**

**Title of the Book: Environmental Humanities: Relocating the Territories of Nature**

**Editorial Team:**

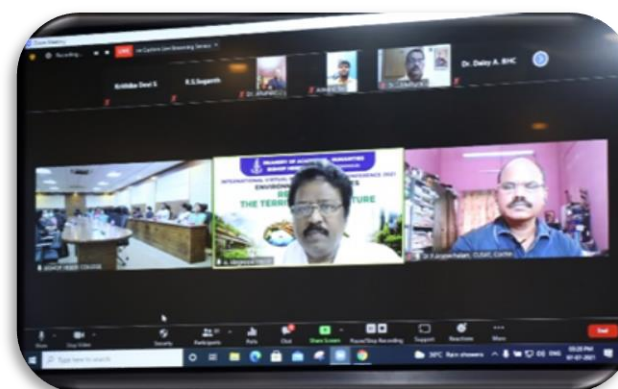
**Editor** : Dr. K. Shanthi, Associate Dean of Arts

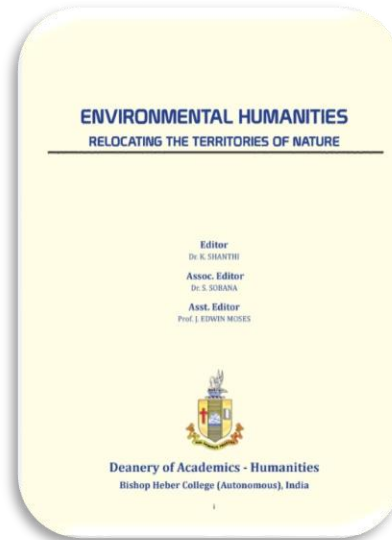
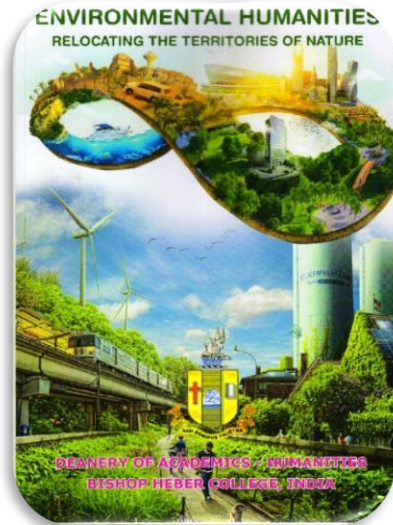
**Associate Editor** : Dr. S. Sobana, Dean of Arts

**Assistant Editor** : Prof. J. Edwin Moses, Assistant Professor of English

**First Publication** : 2022

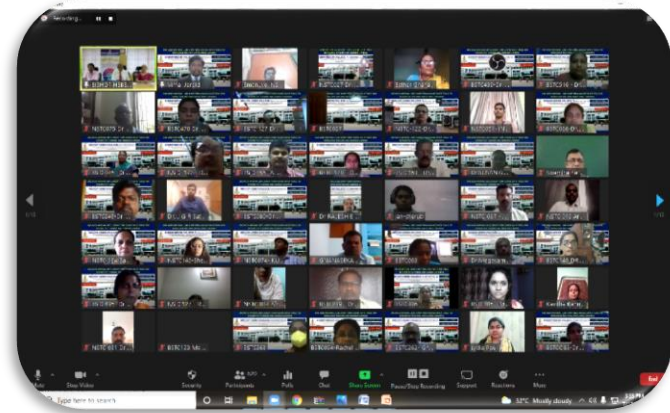
**ISBN No** : 978-93-920632-4-4





3. **One Week National Level Short-Term Course on  
ICT Tools for Interactive Teaching and Blended Learning  
12 to 19 July 2021**

The resource person was **Dr. A. Vimal Jerald**, Assistant Professor, Department of Computer Sciences, St. Joseph's College, Tiruchirappalli. The course content included ICT Tools for Formative Assessment and Interaction, Gamified Quiz, White Board, Interactive Lessons, Video Making, Screen Capturing and Video Editing. A total of 739 faculty members including 210 other institution participants all over India got benefitted from the programme. All the participants submitted assignments every-day which was evaluated and the certificates were provided along with the score. The Performance of the Participants were evaluated and awarded based on the score.



4.

### **National Space Week**

**04.10.2021 to 10.10.2021**

**National Space Week** was organized from 04.10.2021 to 10.10.2021 in Association with Tamil Nadu Astronomical Society, Vigyan Prasar and Arivial Palagai, which was inaugurated by Dr.Mylswamy Annadurai, Former Director, ISRO, Bangalore and addressed on Chandrayan and beyond. There were special sessions by eminent scientists organized every day through online mode.



5.

### **Workshop on “Reforms in Assessments Based on Revised Blooms Taxonomy” 01 and 02 November 2021**

The **Workshop on “Reforms in Assessments Based on Revised Blooms Taxonomy”** for the faculty members of the college was held on 01 & 02 November 2021 and were oriented by Dr. **C. James**, Associate Professor of Physics, Dean – IQAC, Scott Christian College (Autonomous), Nagercoil and Dr. **D. Hudson Oliver**, Assistant Professor, Dept. of Physics, Scott Christian College (Autonomous), Nagercoil. Reforms to be implemented in the assessment pattern based on the Revised Bloom’s Taxonomy were dealt with and hands on training for the preparation of BLUEPRINT of the Question Paper was given.



6.

### **Student Academic Council Meeting**

**18 November 2021**

**Student Academic Council Meeting** was organized on 18 November 2021 and Dr. A.K. Bakthavatsalam, Professor (HAG) NIT, Tiruchirappalli, were the resource person of the day. He briefed about various extension clubs including TEDx, Toast master, peer teaching programmes etc. to 230 Student Academic Council members and interacted with them.

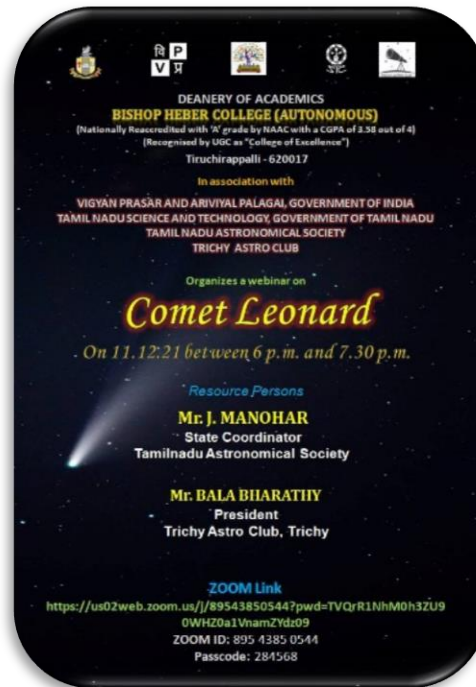


7.

## Webinar on Comet Leonard

11 December 2021

**Webinar on Comet Leonard** was organized on 11 December 2021 where the Resource Persons were Mr. J. Manohar, State Coordinator, Tamil nadu Astronomical Society and Mr. Bala Bharathy, President, Trichy Astro Club, Trichy.



The poster is a vertical rectangular card with rounded corners, set against a dark blue background with a subtle star field and a comet streak. At the top, there are five small logos: the Government of India emblem, the Bishop Heber College logo, the Tamil Nadu Science and Technology logo, the Tamil Nadu Astronomical Society logo, and the Trichy Astro Club logo. Below the logos, the text reads: "DEANERY OF ACADEMICS BISHOP HEBER COLLEGE (AUTONOMOUS) (Nationally Reaccredited with 'A' grade by NAAC with a CGPA of 3.58 out of 4) (Recognised by UGC as 'College of Excellence') Tiruchirappalli - 620017". This is followed by "In association with" and a list of organizations: "VIGYAN PRASAR AND ARIVIVAL PALAGAI, GOVERNMENT OF INDIA; TAMIL NADU SCIENCE AND TECHNOLOGY, GOVERNMENT OF TAMIL NADU; TAMIL NADU ASTRONOMICAL SOCIETY; TRICHY ASTRO CLUB". The main title "Comet Leonard" is written in a large, stylized, golden-yellow font. Below it, the date and time are given: "On 11.12.21 between 6 p.m. and 7.30 p.m.". Underneath, the "Resource Persons" are listed: "Mr. J. MANOHAR, State Coordinator, Tamilnadu Astronomical Society" and "Mr. BALA BHARATHY, President, Trichy Astro Club, Trichy". At the bottom, the "ZOOM Link" is provided: "https://us02web.zoom.us/j/89543850544?pwd=TVQrR1NhM0h3ZU90WHZ0a1VnamZldz09", along with "ZOOM ID: 895 4385 0544" and "Passcode: 284568".

DEANERY OF ACADEMICS  
**BISHOP HEBER COLLEGE (AUTONOMOUS)**  
(Nationally Reaccredited with 'A' grade by NAAC with a CGPA of 3.58 out of 4)  
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Tiruchirappalli - 620017

In association with

VIGYAN PRASAR AND ARIVIVAL PALAGAI, GOVERNMENT OF INDIA  
TAMIL NADU SCIENCE AND TECHNOLOGY, GOVERNMENT OF TAMIL NADU  
TAMIL NADU ASTRONOMICAL SOCIETY  
TRICHY ASTRO CLUB

Organizes a webinar on

# Comet Leonard

On 11.12.21 between 6 p.m. and 7.30 p.m.

Resource Persons

**Mr. J. MANOHAR**  
State Coordinator  
Tamilnadu Astronomical Society

**Mr. BALA BHARATHY**  
President  
Trichy Astro Club, Trichy

ZOOM Link  
<https://us02web.zoom.us/j/89543850544?pwd=TVQrR1NhM0h3ZU90WHZ0a1VnamZldz09>  
ZOOM ID: 895 4385 0544  
Passcode: 284568

8.

### **National Science Week Celebrations**

**(22<sup>nd</sup> to 28<sup>th</sup> February 2022)**

Bishop Heber College being chosen as one of the 75 centers in India. **National Science Week** was celebrated from 22.02.2022 to 28.02.2022 in collaboration with the office of the Principal Scientific Officer to the Government of India and the Ministry of Culture, GoI Tamil Nadu Science and Technology Centre, Tamil Nadu Astronomical Science Society, Bishop Heber College, Tiruchirappalli, Ariviyal Palagai. and the Government of India's Science and Technology organizations such as DST, DRDO, DBT, CSIR, MoES, ISRO, DAE, ICMR, AICTE to commemorate India's achievements in 75 years of Independence titled Azadi ka Amrut Mahotsav - Vigyan Sarvatra Pujyate.

National Science Week was crowned with 13 lectures by eminent scientists from DRDO, ISRO, DST, ICMR, MSSRF, etc., a science exhibition, a book fair, 4 sessions of workshop on **Foldscope: Technology and its Uses**, 6 sessions of demonstrations on **Joy of Science**, and 9 competitions. **Dr. M. Selvam, Honorable Vice Chancellor, Bharathidasan University, Dr. S. Uma, Director, National Research Centre for Banana**, Dr. D. Paul Dhayabaran, Principal, Bishop Heber College, and Mr. J. Manohar, State Coordinator, Tamil Nadu Astronomical Society, inaugurated the week-long Science & Technology festival.

**Dr. K. Selvarani**, Innovation Officer, Ministry of Education, Govt. of India, New Delhi, **Dr. Sriram**, Scientist-D, ICMR-NIRT, Chennai, **Shri. C. Jebasighamony**, Deputy Director, Engine Assembly & Integration Entity (EAIE), ISRO Propulsion Complex (IPRC), Mahendragiri, **Prof. Elangovan Rajagopalan**, Scientist, ISRO (Rtd.), **Mr. V. Balamurugan**, Scientist-H & Outstanding Scientist, Director-CVRD-DRDO-Avadi-Chennai, and **Dr. Irfana Begum**, Project Officer, Edu SAT, Vigyan Prasar, DST, New Delhi addressed the participants from various colleges in and around Trichy. Around 1000 participants from 36 colleges participated in 9 competitions and best three entries were awarded. More than 8000 certificates were distributed for the winners and participants.



9. **Leadership Program for the members of the Student Academic Council**  
**14 & 15 March 2022**

A two-day **Leadership Program** was arranged for the members of the Student Academic Council entitled **Sculpting Our Future** by the Deanery of Academics on 14 & 15 March 2022 for which Mr. Dazil Bennis Fernandez, Executive Coach & Learning Consultant, Success Enablers, Hyderabad was the Resource Person who spoke on Leadership Skills, Building the Launchpad, Living in LinkedIn, Communication Styles, Personal Grooming and



Etiquette, Resume Building and Facing and Acing Interviews. Around 270 Student Academic Council members were addressed on the first day and on the second day only the 55 Executive Council members were trained.



10.

### **Two-Day Faculty Development Program**

**16 & 17 March 2022**

A Two-Day Faculty Development Program on “**Unleashing Effectiveness**” was organized on 16 & 17 March 2022 for which Mr. Dazil Bennis Fernandez, Executive Coach & Learning Consultant, Success Enablers, Hyderabad was the Resource Person. This FDP addressed various aspects on practicing Mindfulness, Collaborative Thoughts/Words/Actions, Emotional Intelligence, Managing Young Learners and Building Meaningful Workplace. Fifty-Three participants across all the disciplines participated in the FDP.

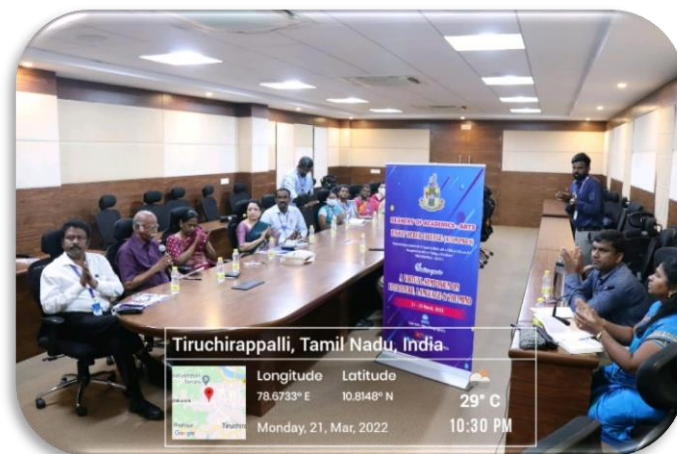


11. **The National Virtual Symposium on “Literature, Language and the Mind”**  
**21, 22 and 23 March 2022**

**The National Virtual Symposium on “Literature, Language and the Mind”** was organized by the Deanery of Arts on 21, 22 and 23 March 2022. **Dr. Poornachandran**, the Sahitya Akademie winning author and erstwhile professor of Tamil spoke on “Importance of Learning Linguistics for the Students of Tamil Literature”. The second session was by **Dr. Karthika**, Assistant Professor of English, NIT, Trichy spoke on “Going Meta on Teaching English”.

The second day of the symposium began with a lecture on “The Neuroscience of learning” by **Dr. Sujata Menon**, Assistant Professor of English, SASTRA University, Thanjavur. **Dr. Noel Joseph Irudhayaraj**, Former head & Chair, School of English and Foreign Languages, Bharathidasan University, Trichy spoke on “Linguistics and Linguistics”.

On the third day Dr. P. Rajaretnam., Associate Professor and H. O. D. of Hindi, Thiruvavur Central University spoke on the topic “Role of Literature to the Society” in the first session and the second session was on “A Short Overview of French Literature Through Literary Movements (*Petit tour d'horizon de la littérature française à travers les mouvements littéraires*)” by Dr. Rajeswari Chandrasekhar, Rtd. Professor and Head, Department of French, Madurai Kamaraj University, Madurai.



## Ariviyal Palagai Books Publication 11.04.2022

**Dr. A. Josephine Prabha**, Associate Dean of Sciences and **Dr. M. Cruz**, Assistant Professor of Mathematics, Bishop Heber College, Tiruchirappalli participated in the Ariviyal Palagai Books Publication meeting held on 11.04.2022 at Birla Planatorium, Chennai, where in they presented and handed over the report of the one-week National Science Week celebrations held at Bishop Heber College, Tiruchirappalli. to Dr. Nakul Parashar, Director of Vigyan Prashar, Dr.T.V.Venkateswaran, Scientist-F, Vigyan Prashar and Dr. Srikumar, State Coordinator, Ariviyal Palagai.



### 13. **Inauguration of 1000 Libraries at 1000 Illam Thedi Kalvi Maiyams in Tiruchirappalli**

Bishop Heber College in association with Office of School Education, Tiruchirappalli, Palli Kallvi Padhukappu Iyakkam, Tamil Nadu Astronomical Science Society, Ariviyal Palagai, Vigyan Prasara and few other NGO's hosted the inauguration of 1000 libraries at 1000 Illam Thedi Kalvi Maiyams in Tiruchirappalli District. Each library was sponsored with totally 28 books (20 sponsored by Tamil Nadu Govt and 8 by other organisations including TASS, Young Indians etc.). Honorable ministers Mr.K.N.Nehru, Minister of Municipal Administration and Mr. Anbil Magesh Poyaamozi, Minister of School Education inaugurated and addressed 1300 members. 5 IAS officers, State Coordinators and Dr. D. Paul Dhayabaran, Principal, Bishop Heber College, Tiruchirappalli offered their felicitations. The programme was also live telecasted.



**Inauguration of 1000 Libraries**



**Inauguration of Libraries at the Illam Thedi Kalvi Maiyam**



14

### **INVESTITURE CEREMONY**

30<sup>th</sup> May 2022

The “Investiture Ceremony” for the installation of Office Bearers of the Student Academic Council for the Academic year 2021-2022 and “SAC with Principal : An Interactive Session” was organized by the Deanery of

Academics, Bishop Heber College on 30<sup>th</sup> May 2022 at Old Auditorium. The Chief guest of the event was Dr. D. Paul Dhayabaran Principal, Bishop Heber College. The ceremony began with a prayer song followed by prayer. The presidential address by Dr. D. Paul Dhayabaran was highly informative, educative and served as a motivation to the students. Our respected Principal handed over the badges to the Office bearers of Student Academic Council followed by which the elected office bearers pledged their oaths. The 12 office bearers who were assigned roles are as follows

- ❖ President - Sam Daniel K
- ❖ Vice President - Rohith Krishna G
- ❖ Secretary - Sowndharya M
- ❖ Joint Secretary - Gokula Krishnan S
- ❖ Treasurer - Siva Shalini J
- ❖ Joint Treasurer - Akhil Denny
- ❖ Documentation- Secretary - Eunice Gethsy V
- ❖ Documentation- Joint Secretary - Antony Julian X
- ❖ Student Welfare Secretary - Mithun Karthick K
- ❖ Student Welfare Joint Secretary - Getsial Sabatini Wallace J
- ❖ Fine Arts Secretary - Andrew Emmanuel D
- ❖ Fine Arts Joint Secretary - Esther Blessy E

After the Installation of office bearers of Student Academic Council, the members of SAC had an interactive session with Principal on pertinent issues concerning curriculum, governance and other related matters.

15.

## **FUTURE MODEL UNITED NATIONS 2022**

**21 to 23 April 2022**

Deanery of Academics after much scrutiny of the nominations of students received from various disciplines across the college selected 14 students to represent BISHOP HEBER COLLEGE for the “**FUTURE MODEL UNITED NATIONS 2022**” (**Where Discussion Triumphs Destruction**) organized by CHRIST UNIVERSITY, BANGALORE from 21 to 23 April 2022.

They represented the **SIX COMMITTEES**: **UNSC** (United Nations Security Council), **ECOFIN** (Economic and Financial Committee), **UNHRC** (United Nations Human Rights Council), **FWC** (Future War Cabinet), **AIPPM** (All India Political Parties Meet), **IPC** (International Press Corps).

Five of our students received special commendation at the “Future MUN 2022”:

1. Mr. Jerish Samraj Joshua, III B.Com. (IA) - Special mention in UNSC Committee
2. Ms. Keerthika M.R., II B.Com. – High commendation in IPC Committee
3. Mr. Ifthikar Ali, II B.Com. (IA) - Honourable mention 1 in IPC Committee
4. Mr. Srivathshan M, II B.Com. - Honourable mention 2 in IPC Committee
5. Mr. Shashank Krishna R, I M.Sc. Chemistry - Verbal mention in IPC Committee



16.

### SOEL -MUN

**30 April 2022 & 01 May 2022**

Gaining experience in the FMUN, 10 of our students participated in SOEL – MUN conducted by School of Excellence in Law, Ambedkar Law University, Chennai on 30.04.2022 and 01.05.2022





## Laurels Received

- ❖ **Afrah Mohamed Rabeek**, I MBA - Special Mention in WHO Committee
- ❖ **Sri Preethi M**, III BA History - Verbal Mention in UNHSC Committee
- ❖ **Jerish Samraj Joshua**, III B.Com. (IA) - Honourable Mention in DISEC Committee
- ❖ **Chris J Bernald**, III B.Sc. Physics - Special Mention in IPC Committee
- ❖ **Aparajit R**, II B.Com. - Special Mention in WHO Committee



17.

## MINI MODEL UNITED NATIONS

### Bishop Heber College (Autonomous), Tiruchirappalli-17

Bishop Heber College, Trichy had set the benchmark by hosting the Intercollegiate Mini Model United Nations. The Mini MUN was hosted by the students of Bishop Heber College on 13 & 14 May 2022.

The propagation of the need for a Mini MUN to be conducted in the campus to identify more students with potentials and to bring about an awareness among students to sensitize on pressing issues at international level started with the canvassing by the students who already participated in the MUNs organized by The Christ University, Bengaluru and The School of Excellency of Law, Chennai, about the working of MUN.

An orientation was also held to make the participants gain complete knowledge about the rules and regulations of the MUN. Dr. K. Shanthi, Associate Dean of Arts, Ms. Evelyn Jeevanandhini & Mr. Benlin Anand, Assistant Professors of English did the selection through a few processes, of the students who had registered to participate in the competition. This happened in two rounds which had an elocution round and a group discussion round. They served as judges, moderators and observers and produced the list of students for the final competition.

A review meeting on MUN was headed by Dr. Violet Dhayabharan, Dean of Sciences and Dr. Josephine Prabha, Associate Dean of Sciences. The student participants shared their vivid memories and experiences they had gained by participating in the previous MUNs. Thus review meeting provided a great impetus to the newly selected Heberians to participate in Mini MUN.

The two day Mini MUN had three committees namely,

- # World Health Organisation (WHO),
- # United Nations Security Council (UNSC)
- # International Press Corps (IPC).

All the committees had enthusiastic participants. The deliberations in the United Nations Security Council were based on “The Escalating Crises in Ukraine”. The committee was chaired by Chris J. Bernald and co-chaired by Princey Priyadharshini of Physics. The delegates gave valid suggestions for the escalating crises that was happening in the Ukraine-Russia War and how it impacted various other nations.

The discussion under the World Health Organisation was based on the “Immunization Act 2030”. This committee was chaired by Sri Preethi of History and Co-chaired by Sanjay of commerce. The committee discussed in detail, the immunization agenda, its importance and the current relevance to it during the global pandemic.

The International Press corps had two important divisions namely the press and the photojournalists. The press was headed by Keerthika.M.R and Aparajit. R of Commerce and the Photography was headed by Srivathsan .M and Ifthikar Ali of commerce. The press and the photojournalists captured the whole event and completed the assigned tasks wherein they beautifully portrayed the committee proceedings in a creative manner.

At the end of the two day Mini MUN, the delegates were given feedback on their performance and the areas in which they could work on, to be more effective in future. The two day Mini MUN was also a learning experience for them to participate in further MUNs and this gave them a head start.





17.

**Review Meeting (NSW) was held on 25 May 2022**

