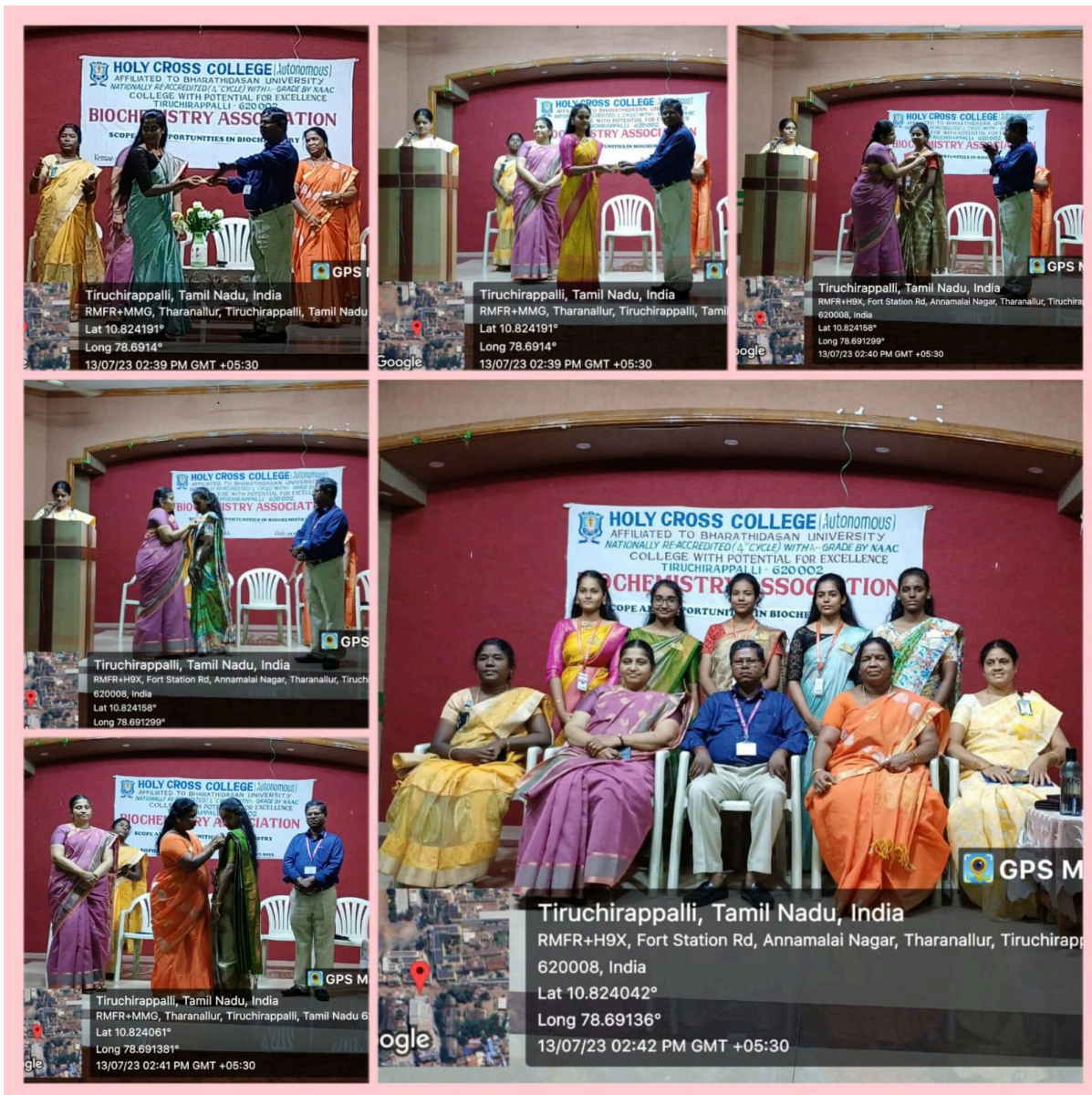


## ASSOCIATION REPORT (2023-2024)

The PG Department of Biochemistry inaugurated the KREBS CLUB association for the year 2023 – 2024 and organized a special guest lecture on **“Scope and opportunities in Biochemistry”** on **13<sup>th</sup> July 2023** from 2.30 pm to 03.30 pm at Sophy’s hall. The inauguration started with a prayer service followed by introducing the elected office bearers and they were bestowed with badges by the chief guest, Head of the department and senior faculty and welcome address was given by Association President of Kreb’s club. The guest speaker for this session was Dr. M. Jayaraj, Assistant Professor and Head, PG and Research Department of Biochemistry, Rajah Serfoji Government College, Thanjavur. During the presentation, The resource person highlighted the career paths in Biochemistry in India and Abroad. He focused on the importance of Biochemistry in various areas like clinical research, information systems, Quality control, manufacturing and production of food and drink industries, forensic crime research institutions, laboratories, cosmetic industries, pharmaceutical companies, publishing organizations, Oil and gas companies, medical coding etc., The speaker also discussed how to lead a healthy life with natural foods. Totally 85 students benefited through this programme. It was an interesting and interactive session. The session ended with the Vote of thanks by the Kreb’s club association Vice President.







The Department of Biochemistry organized a workshop Acupuncture and its Health impacts on **24<sup>th</sup> July 2023** followed by a Free Acupuncture camp at Shanthi Hall. The workshop started with a prayer service. The chief guest Dr. C. A. Ravi, C.I.A Founder of Council of Indian Acupuncture, Cuddalore and his team were honored. The association inauguration minutes were read by the student secretary. The chief guest delivered a lecture on “Acupuncture and its Health Impacts” He explained the importance of health and lifestyle. His team members explained the various pressure points, treatment for different health issues. The Acupuncture doctors explained about the diet and the need for physical activity in our day to day life. The workshop ensured the students had an informative, practical and enjoyable manner. A total of 100 participants benefited from the camp. It was an interactive

session, students raised questions regarding the lifestyle methods and the team members clarified the queries. The session ended with the National Anthem.





The PG Department of Biochemistry organized a workshop on First Aid Management on **27<sup>th</sup> July 2023** at Sophy's hall, at 9.30 am. The workshop started with prayer service. The chief guest was Mr. Shivaramalingam, Lecturer and trainer in First Aid St. John's Ambulance, Southern Railway division Trichy was honored by Dr.S.Josephinol, Assistant professor, Department of biochemistry. The association minutes were read by the president. The chief guest delivered a lecture on "First Aid Management ". He explained the importance of "First Aid" as it is a lifesaving one. He explained the various terminologies and methods of first aid for accidents and disease conditions. He described DRABC (Danger,Response, Airway, Breathing and Circulation) which is used to analyse the status of the causality. He explained about CPR and demonstrated it through video and live demo. The do's and don'ts of first aid in CPR was also elaborated in detail. Hands on training was given to the students on different methods of dressings for fractures. Students gained extensive knowledge about first aid for heart attack, wounds, burns, scalds and electrical injuries through practical experience. He also spoke on diet and the need to do exercise in our day to day life. The workshop provided the students with information in a practical manner. A total of 144 students participated in the workshop including the NME students of various departments. It

was an interactive session, students raised questions regarding first aid and the chief guest clarified the queries. The session ended with the vote of thanks.





The PG Department of Biochemistry, Holy Cross College (Autonomous), Tiruchirappalli, organized a one-day International Conference on “New Scientific Dimensions on Therapeutic Aspects of Millets.” on **8<sup>th</sup> September 2023** in Our Lady’s hall. The main objective of the Conference was not only promoting the cultivation and consumption of Millets at a larger scale, but also creating awareness about health and nutritional benefits of millets. The event brought together 140 participants from various universities and colleges. The Inaugural session of the conference started with prayer service, welcome note by Dr. A. K. Umera Begam, organizing secretary, Head, Department of Biochemistry. The guest of honor, Dr. A. Anthonisamy, Associate Professor of Biochemistry, College of Medical and Health Sciences, Wollega University, Ethiopia, enlightened the participants with his inaugural address. This was followed by felicitations by

our beloved Secretary Rev. Sr. Dr. Anne Xavier and our dynamic Principal Rev. Sr Dr. Isabella Rajakumari. The inauguration ended with the vote of thanks by Dr. S. Josephinol, Assistant Professor, Department of Biochemistry, Holy Cross College, Tiruchirappalli. First technical session started with a talk on Millets for Non communicable disease management: Investigating the potential of millets in preventing and managing chronic diseases. by our eminent speaker Dr. A. Anthonisamy, Associate Professor of Biochemistry, College of Medical and Health Sciences, Wollega University, Ethiopia. He explained the role of millets in human life and various diseases. Professor, highlighted the composition of millets in a very elaborate manner. The second technical session was handed over to Dr. J. Prakash Maran, Associate Professor, Department of Food Science and Nutrition, Periyar University, Salem. He gave a lecture on Millets in Disease Prevention and Health Promotion. Sir also explains the nutritional properties of millets. The third technical session on Innovative ideas for budding entrepreneurs in millet processing was presented by Dr. P. Sathiyamoorthi, CEO, Moon Foods, Tiruchengode, Namakkal. Sir shared his knowledge on secrets of becoming the best entrepreneurs. The Valediction started with a prayer service. Ms. S. Rexida Assistant Professor, Department of Biochemistry, Holy Cross College delivered the Welcome Address. The Valedictory address was given by Dr. P. Sathiyamoorthi, CEO, Moon foods, Tiruchengode, Namakkal. Three best poster presenters were selected and honoured by the Chief guest. The session ended with the vote of thanks by Dr. R. Gomathi, Assistant Professor, Department of Biochemistry, Holy Cross College, Trichy and our National Anthem.





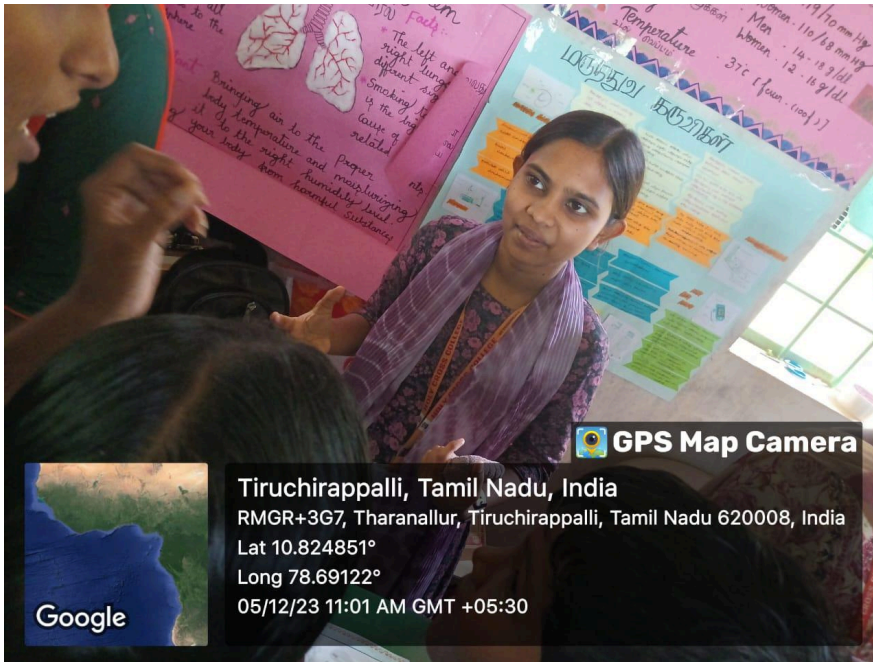




On 5<sup>th</sup> December 2023 the PG Department of Biochemistry conducted a one-day science cum health awareness exhibition BIOSCINTILLATORS for the rural school students

at St. Joseph's Girls Higher Secondary School, Vadugerpeta. The programme started with the prayer service and lighting of lamps. The exhibition programme focussed on various topics in life science, students displayed various models, powerpoint presentations, chart works, experiments and videos pertaining to relevant topics in Scope of Biochemistry, Nutrition and hygiene, Human Physiology, Immunology, Body Mass Index, Blood grouping, Food Adulteration, Anaemia Screening. This program served as a good interactive approach between school and college students and paved the way for their intellectual development. A total of 500 school students benefited from this programme.





GPS Map Camera



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Long 78.69122°  
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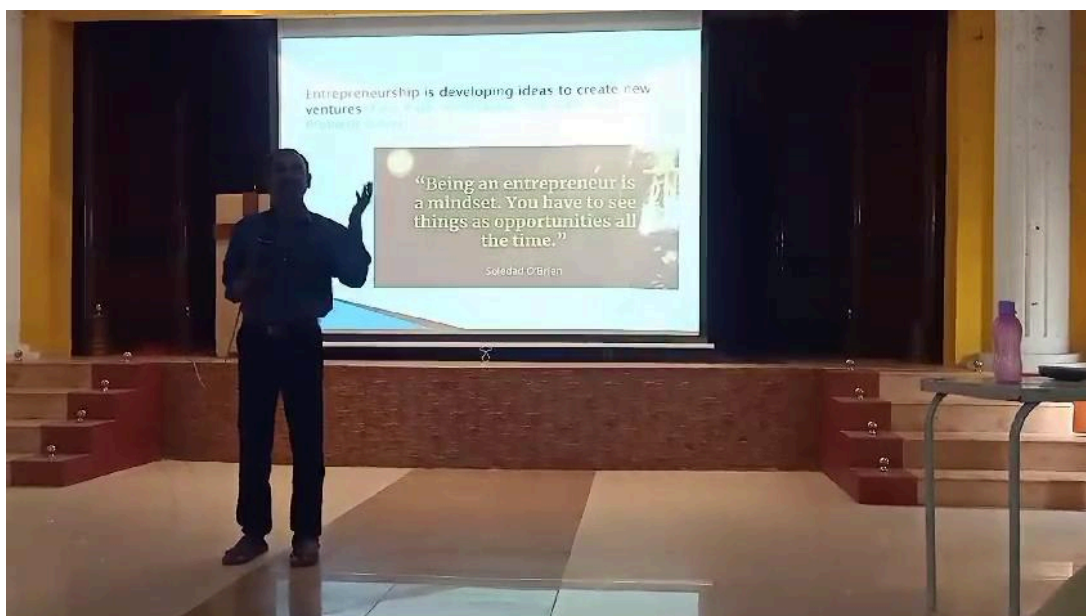
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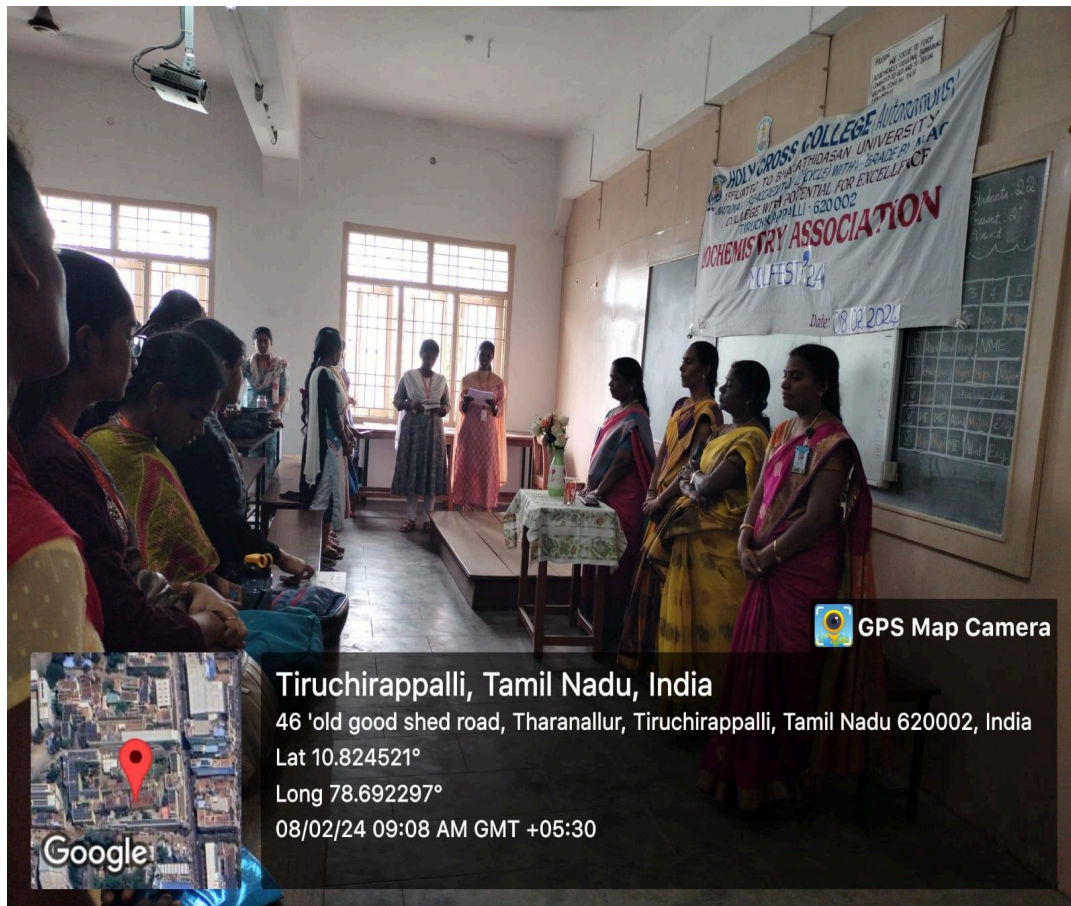
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A special lecture entitled “Smart Technologies in Entrepreneurship” was organised on **11<sup>th</sup> January 2024**. The Guest speaker for this session was Dr.D.T. Rajarajan, Assistant Professor, Department of Biotechnology, Microbiology and Bioinformatics, National College, Tiruchirappalli. The speaker articulated that an entrepreneur is someone who has an idea and works to create a product or service. He shared his experiences on the production of Vermicompost, Bonsai, Spirulina, Biofuel, Biofertilizer Millets Products, Macro propagation, Cuniculture, Apiculture, Nursery, and Air layering / Plantation. The lecture was fruitful for the students, especially for those who are seeking entrepreneurship as their career. Around 91 members benefited from this programme. It was an engaging and lively session. The session ended with the vote of thanks by the association Vice President.



The PG Department of Biochemistry organized an Intradepartmental competition “MOLFEST“2024” on **8<sup>th</sup> February 2024** in Holy Cross College (Autonomous), Trichy. It started with an inauguration .The event was organized by the students with teacher’s guidance and enabled them to acquire event management skills. All the events were conducted with specific themes like Women empowerment, Science and technology, Bio-entrepreneurship in Life sciences and motherhood. 85 students participated and exposed their talents in MOLFEST 2024. The Valediction started with a prayer service. The chief guest, was Dr.Ruban Raj, Associate Professor (Retired), St.Joseph’s College and Former Principal of RVS college, Trichy, delivered the valedictory address and distributed the prizes. The program ended with the vote of thanks.



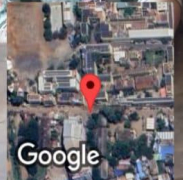
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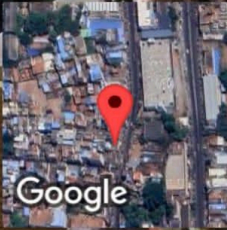


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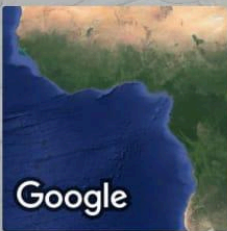


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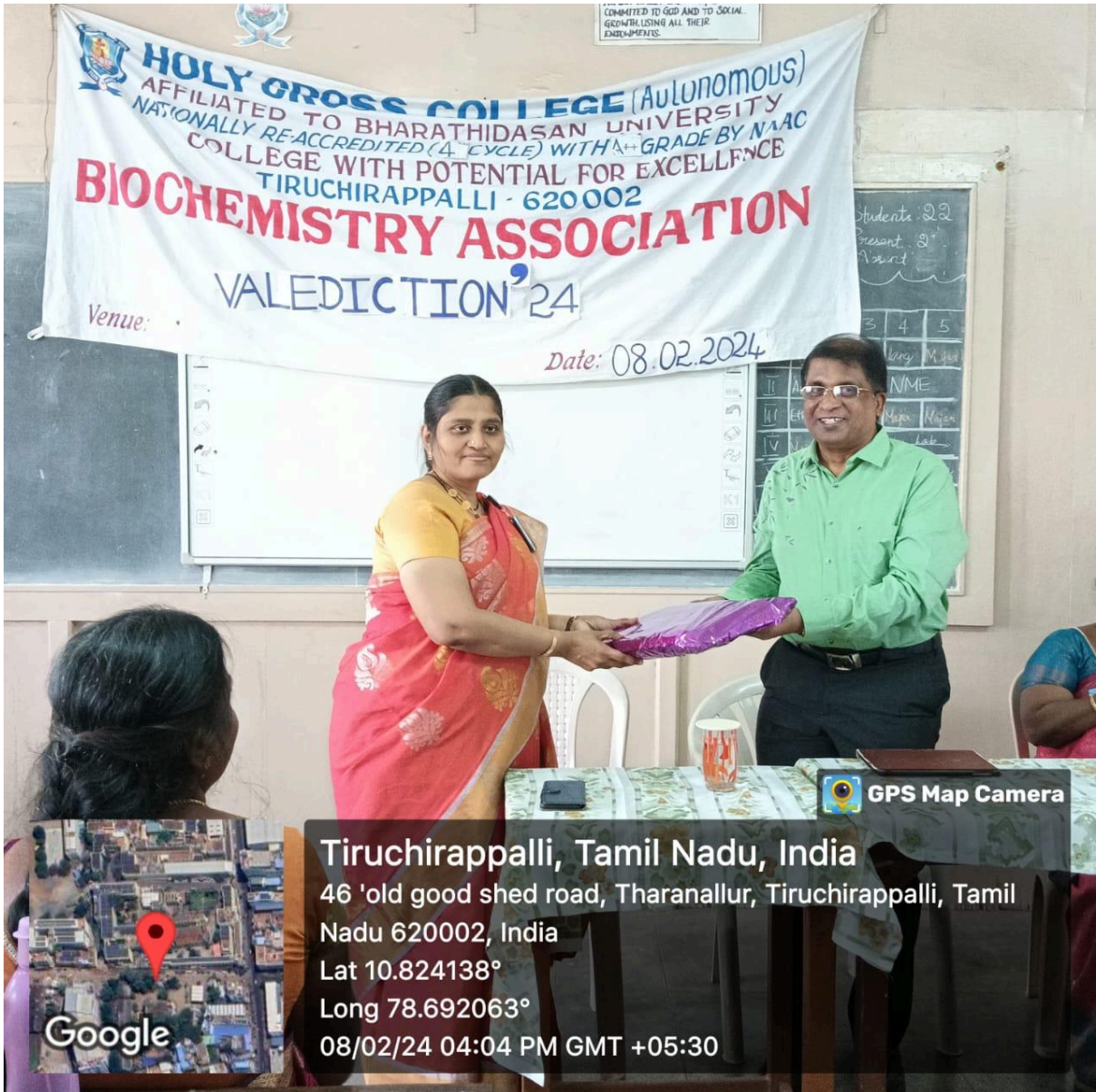




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COMMITTED TO GOD AND TO SOCIAL GROWTH LISTING ALL THEIR ENDEAVOURS

**HOLY CROSS COLLEGE (Autonomous)**  
AFFILIATED TO BHARATHIDASAN UNIVERSITY  
NATIONALLY RE-ACCREDITED (4<sup>th</sup> CYCLE) WITH A++ GRADE BY NAAC  
COLLEGE WITH POTENTIAL FOR EXCELLENCE  
TIRUCHIRAPPALLI - 620002

**BIOCHEMISTRY ASSOCIATION**

**VALEDICTION '24**

Venue:

Date: 08.02.2024

GPS Map Camera



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**FIELD VISITS:**

1. For a certificate course on Paper Technology, students visited Seshasayee Institute of Technology, Trichy on **27<sup>th</sup>& 28<sup>th</sup> February 2024**.

2. 25 students visited the Incubation Centre of Food processing and Safety, Jamal Mohamed College, Trichy on **5<sup>th</sup> February 2024**.

3. Non Major elective and PG Biochemistry students visited National Institute of Food Technology, Entrepreneurship and Management (NIFTEM-T), Thanjavur on **13<sup>th</sup> February 2024**.