



# BON SECOURS ARTS AND SCIENCE COLLEGE FOR WOMEN



(Affiliated to Periyar University)

Gopalapuram, Sowthapuram (Po), Namakkal (Dt), Tamil Nadu – 638 008

## Science Department Activities 2024-25

24/06/2024 Orientation programme  
Medical coding

**BON SECOURS AND SCIENCE COLLEGE  
FOR WOMEN - VEPPADAI**

**SCIENCE DEPARTMENT ASSOCIATION  
ORIENTATION PROGRAM  
ON  
- Medical coding -**

**CHIEF GUEST**

**24 JUNE, 2024** **10.30 AM**

**Mrs.M.Anbarasi  
Managing Trustee,  
Sri Hayagreeva Educational Trust,  
Erode**

**PATRON  
REV. SR. POORNA ALPHONSA  
SECRETARY** **CHAIR  
REV.DR. SR. MARGARET DAISY  
PRINCIPAL** **CONVENERS  
DR. A. SUDHA  
&  
MS. A. VEDHA**

The Department of Science organized an **Orientation Programme on Medical Coding for Skill Enhancement** on **24 June 2024** with the aim of introducing students to emerging career opportunities in the healthcare sector. The programme was arranged to create awareness among students about the growing demand for trained medical coders and to encourage them to develop additional professional skills that can enhance their employability.

The programme was graced by **Mrs. M. Anbarasi, Managing Trustee, Sri Hayagreeva Educational Trust, Erode**, who served as the **Chief Guest** for the event. The session began with a warm welcome to the chief guest and participants. The organizers highlighted the importance of such orientation programmes in preparing students for the evolving job market and helping them gain practical knowledge beyond their regular academic curriculum.

During her address, Mrs. M. Anbarasi shared valuable insights about the field of **medical coding** and its importance in the healthcare industry. She explained that



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medical coding is a process of transforming healthcare diagnoses, procedures, medical services, and equipment into universal medical alphanumeric codes. These codes are essential for maintaining medical records, insurance documentation, and billing procedures in hospitals and healthcare organizations.

She further emphasized that medical coding has become one of the most promising career options for life science and science students. With the rapid growth of the healthcare sector and increasing demand for accurate medical documentation, trained medical coders are highly required both in India and abroad. She also explained that medical coding offers opportunities in hospitals, medical transcription companies, healthcare IT firms, and insurance sectors.

The programme was highly interactive and informative. Students actively participated in the session and raised questions regarding job opportunities, training requirements, and the scope of medical coding in the healthcare industry. The chief guest patiently addressed their queries and guided them on how to prepare for a career in this field.

Overall, the orientation programme was very beneficial and inspiring for the students. It helped them gain a clear understanding of the importance of medical coding as a professional skill and the career opportunities available in this domain. The programme concluded with a note of thanks to the chief guest for her valuable guidance and to the Department of Science for organizing such a useful and career-oriented programme for the students.





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30/08/2024 □

Demo day- Dr.Margaret daisy

□ National library lovers day □ -Mrs.S.Gajalakshmi

**BON SECOURS ARTS AND SCIENCE COLLEGE FOR WOMEN- VEPPADAI**  
(Affiliated to Periyar University, Salem)  
Sowthapuram(po), Veppadai, Namakkal(dt),  
Tamil Nadu- 638 008

**SCIENCE DEPARTMENT ASSOCIATION**  
*Happily invites you to celebrate*  
**NATIONAL LIBRARY LOVER'S DAY**

**CHIEF GUEST**  
**S. GAJALAKSHMI M.COM.,D.COP.,M.LIS.,**  
**BON SECOURS ARTS AND SCIENCE COLLEGE**  
**FOR WOMEN -VEPPADAI**

**VENUE : LIBRARY**  
**TIME : 10.00 AM**  
**DATE : 30/08/2024**

The Department of Science organized a special programme on **30 August 2024** which included **Demo Day for Internship Training** and the celebration of **National Library Lovers Day**. The event aimed to provide a platform for students to present the knowledge and skills gained during their internship training while also promoting the importance of reading and effective use of library resources.



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The programme was honored by the presence of **Dr. Margaret Daisy, Principal, Bon Secours Arts and Science College for Women**, who graced the occasion as the **Chief Guest**. The session began with a warm welcome to the chief guest and other dignitaries. In her address, Dr. Margaret Daisy appreciated the efforts of the Department of Science in organizing such an academic and skill-oriented programme for students.

During the **Demo Day**, students enthusiastically presented demonstrations based on the knowledge and practical experience they had gained through their **internship training**. The presentations highlighted various concepts, techniques, and practical skills that students had learned during their training period. The demonstrations provided an opportunity for students to showcase their understanding and application of theoretical knowledge in real-world situations. The chief guest appreciated the creativity, confidence, and presentation skills displayed by the students and encouraged them to continue developing their professional competencies.

As part of the programme, **National Library Lovers Day** was also observed to emphasize the significance of libraries in academic development and lifelong learning. **Mrs. S. Gajalakshmi, Librarian of Bon Secours College**, addressed the gathering and spoke about the importance of cultivating reading habits among students. She explained how libraries serve as valuable centers of knowledge and learning, supporting students in their academic and personal growth.

Mrs. Gajalakshmi also highlighted the various resources available in libraries, including books, journals, digital materials, and reference sources. She encouraged students to make effective use of library facilities to enhance their knowledge, improve research skills, and stay updated with the latest developments in their fields of study.

The programme was informative, engaging, and beneficial for the students. It successfully combined academic presentations with an awareness of the importance of libraries and reading culture. The event concluded with a vote of thanks, expressing gratitude to the chief guest, the librarian, and all participants for making the programme a meaningful and successful one.



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**04/09/2024**

**National Nutritional Week**

**Mrs.Sri Subha**



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**BON SECOURS ARTS AND SCIENCE COLLEGE FOR WOMEN - VEPPADAI**

**SCIENCE DEPARTMENT ASSOCIATION**

CORDIALLY INVITES YOU TO CELEBRATE

**National Nutrition Week**  
1st Sept - 7th Sept

**CHIEF GUEST**  
**M.SRI SUBA**  
**NUTRITION AND DIETICIAN**

**VENUE : MICROBIOLOGY CLASSROOM**  
**DATE : 04/09/2024**  
**TIME : 10.00 AM**

The **Department of Science** organized a programme to celebrate **Nutritional Week** on **04 September 2024** with the aim of creating awareness among students about the importance of balanced nutrition and healthy lifestyle practices. The event focused on educating students about proper dietary habits and the role of nutrition in maintaining good health and preventing diseases.

The programme was graced by **Mrs. Sri Subha, Nutritionist**, who attended the event as the **Chief Guest**. The session began with a warm welcome to the chief guest and participants. The organizers highlighted the significance of National Nutritional Week and its objective of promoting awareness about healthy eating habits and nutritional well-being among individuals, especially students.

During her address, Mrs. Sri Subha spoke about the importance of consuming a **balanced and nutritious diet** for maintaining physical and mental health. She explained the essential nutrients required by the human body, such as carbohydrates,

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proteins, fats, vitamins, and minerals, and emphasized how each nutrient plays a vital role in the proper functioning of the body.

The chief guest further highlighted the importance of nutritional awareness in preventing lifestyle-related diseases such as obesity, diabetes, and other health problems. She advised students to be conscious about their food intake and to understand the nutritional value of the food they consume. Her talk provided practical tips on maintaining a healthy diet and developing long-term healthy eating habits.

The programme was highly informative and beneficial for the students. It helped them gain valuable knowledge about the importance of nutrition and inspired them to adopt healthier lifestyles. The interactive session allowed students to ask questions and clarify their doubts regarding diet, nutrition, and healthy living.

The event concluded with a vote of thanks, expressing gratitude to the chief guest for sharing her valuable knowledge and to the **Department of Science** for organizing such an awareness programme for the benefit of the students.





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02/12/2024

National pollution control day

Mrs.S.Vaithaki



National Pollution Control Day was observed on **02 December 2024** at **Bon Secours College**. The programme was organized by the **Department of Science** to create awareness among students about environmental protection and the importance of controlling pollution for a healthier future.

The event was graced by **Mrs. S. Vaithaki**, from the **Department of Computer Science**, who served as the resource person for the programme. She delivered an informative talk highlighting the causes and effects of various types of pollution such as air pollution, water pollution, and land pollution. She also explained the importance of adopting eco-friendly practices in daily life.

During her speech, Mrs. Vaithaki emphasized the responsibility of students and young citizens in protecting the environment. She encouraged everyone to reduce



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the use of plastic, conserve natural resources, and promote sustainable habits such as recycling and proper waste management. Her presentation helped students understand how small individual actions can contribute to reducing pollution.

The programme also included interactive discussions where students shared their views and ideas on how to minimize pollution in their surroundings. The session created awareness about environmental issues and motivated students to take part in activities that support environmental conservation.

The National Pollution Control Day programme concluded with a message encouraging everyone to work together in protecting the environment and creating a cleaner and greener future.





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**24/01/2025**  
**Guest lecture**  
**Dr.A.Valentine Rupa**



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**SCIENCE DEPARTMENT ASSOCIATION**

**GUEST LECTURER  
ON  
ANALYTICAL TECHNIQUES  
CHIEF GUEST**

**DR. VALENTINE RUPA A  
ASSISTANT PROFESSOR  
DEPARTMENT OF CHEMISTRY  
GOVERNMENT ARTS COLLEGE  
SALEM 7**

**VENUE : LIBRARY  
TIME : 10.00 AM  
DATE : 24/01/2025**

A guest lecture was organized by the **Department of Science** on **24 January 2025** at **Bon Secours College** with the objective of enhancing students' academic knowledge and exposing them to recent developments in the field of science.

The programme was delivered by **Dr. A. Valentine Rupa**, Assistant Professor, **Department of Chemistry, Government Arts College, Salem – 7**. She served as the resource person for the session and shared her valuable knowledge and experience with the students.

Dr. Valentine Rupa presented an insightful lecture on the importance of scientific thinking and the role of chemistry in everyday life. She explained various practical applications of chemistry and how scientific research contributes to solving environmental and technological challenges. Her lecture helped students understand the relevance of scientific concepts beyond classroom learning.

During the session, she also encouraged students to develop curiosity, critical thinking, and research interest in science. She highlighted the importance of higher education and career opportunities available in scientific fields. The lecture was interactive, and students actively participated by asking questions and sharing their ideas.

The programme proved to be highly informative and motivating for the students. It helped them gain a broader perspective on the subject and inspired them to explore scientific learning with greater enthusiasm.



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**30/01/2025**

**Skill development programme Hands on training on textile printing**

**Mrs.R.Geethadevi**



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Sowthapuram(po), Veppadai, Namakkal(dt), Tamil Nadu - 638 008

**SCIENCE DEPARTMENT ASSOCIATION**

**SKILL DEVELOPMENT PROGRAM ON  
TEXTILE PRINTING**

**CHIEF GUEST**

**MRS. R. GEETHADEVI,**  
HEAD & DEPARTMENT OF TEXTILE AND  
FASHION DESIGNING,  
BON SECOURS ARTS AND SCIENCE  
COLLEGE FOR WOMEN -VEPPADAI

**PATRON**  
Rev.Sr. Poorna Alphonsa  
Secretary

**CHAIR**  
Rev. Dr. Sr. Margaret Daisy  
Principal

**JANUARY**  
**30**  
2025

**THURSDAY** **AT 11 AM**

**VENUE : SEMINAR HALL**

A Skill Development Programme on “Hands-on Training on Textile Printing” was organized by the Department of Science on 30 January 2025 at Bon Secours Arts and Science College for Women. The objective of the programme was to provide practical knowledge and skill-based training to students in the field of textile printing.

The resource person for the programme was **Mrs. R. Geethadevi**, from the Department of Textile and Fashion Designing, Bon Secours Arts and Science College for Women. She conducted an engaging and informative training session for the students.

During the programme, Mrs. Geethadevi explained the basics of textile printing, different types of printing techniques, and the materials used in the process. She also highlighted the importance of creativity and precision in textile design. The session focused on providing hands-on experience, allowing students to actively participate in the printing process.

Students were introduced to various textile printing methods and were guided step-by-step on how to create simple designs on fabric using printing blocks and colors. The practical training helped students understand the techniques involved in textile printing and encouraged them to explore their creativity in designing patterns.



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The session was highly interactive, and students showed great interest in learning the techniques. They gained practical exposure and valuable knowledge about textile printing, which can be useful for future skill development and entrepreneurial opportunities.

The programme concluded successfully with positive feedback from the participants. It served as an excellent platform for students to enhance their practical skills and learn about creative textile design.





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31/01/2025

Guest lecture -Role of phytochemical in drug discovery  
Dr.A.Malarvizhi

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(Affiliated to Periyar University, Salem)

SOWTHAPURAM(PO), VEPPADAI, NAMAKKAL(DT),  
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**SCIENCE DEPARTMENT ASSOCIATION**

**GUEST LECTURE**  
**ON**

**ROLE OF PHYTOCHEMICALS**  
**IN DRUG DISCOVERY**

**CHIEF GUEST**

  
**DR. A. MALARVIZHI**  
HEAD, DEPARTMENT OF  
MICROBIOLOGY  
VIVEKANANDA COLLEGE OF ARTS AND  
SCIENCE FOR WOMEN, TIRUCHENGODE

**PATRON**  
REV.SR. POORNA ALPHONSA  
SECRETARY

**CHAIR**  
REV.DR.SR.MARGARET DAISY  
PRINCIPAL

**Convenor**  
Dr. A. Sudha Ms. A. Vedha Ms. S. Aruna

**Venue : Seminar hall Date : 31/01/2025 Time : 11.00AM**



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A Guest Lecture on “**Role of Phytochemicals in Drug Discovery**” was organized by the **Department of Science** on **31 January 2025** at **Bon Secours Arts and Science College for Women**. The objective of the programme was to create awareness among students about the importance of plant-based compounds in the development of medicines.

The resource person for the programme was **Dr. A. Malarvizhi**, Head of the Department, **Department of Microbiology, Vivekanandha College of Arts and Science for Women**. She delivered an informative and engaging lecture for the students.

During her presentation, Dr. Malarvizhi explained the concept of phytochemicals and their significance in pharmaceutical research. She discussed how natural compounds obtained from plants play a vital role in the discovery and development of new drugs. She also highlighted various types of phytochemicals and their medicinal properties.

The resource person emphasized the importance of traditional medicinal plants and modern scientific research in developing effective treatments for various diseases. She also explained the process involved in identifying, extracting, and analyzing bioactive compounds from plants for drug development.

The lecture was highly interactive, and students actively participated by asking questions and sharing their thoughts. The session helped students gain a deeper understanding of the relationship between microbiology, chemistry, and pharmaceutical sciences.

The programme concluded successfully with students gaining valuable knowledge about the role of phytochemicals in drug discovery and the importance of natural products in modern medicine.



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**04/02/2025**

**Hands on training on “A practical approach – isolation & identification of pathogens from food samples” Dr.S.Ponmani**



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**SCIENCE DEPARTMENT ASSOCIATION**

**HANDS ON TRAINING  
ON  
A PRACTICAL APPROACH- ISOLATION AND  
IDENTIFICATION OF PATHOGENS FROM FOOD  
SAMPLES**

**CHIEF GUEST**  
**DR. S. PONMANI**  
ASSISTANT PROFESSOR,  
DEPARTMENT OF BIOTECHNOLOGY  
VIVEKANANDA COLLEGE OF ARTS  
AND SCIENCE FOR WOMEN

**PATRON**  
REV. SR. POORNA ALPHONSA  
SECRETARY

**CHAIR**  
REV. DR. SR. MARGARET DAISY  
PRINCIPAL

**CONVENOR**  
DR. A. SUDHA    MS. A. VEDHA    MS. S. ARUNA

**VENUE : LAB    TIME : 10.00 AM    DATE : 04/02/2025**

The Department of Science organized a Hands-on Training Programme titled “A Practical Approach – Isolation & Identification of Pathogens from Food Samples” on 04 February 2025 at Bon Secours Arts and Science College for Women. The programme aimed to provide students with practical knowledge and laboratory skills related to food microbiology and pathogen detection.

The resource person for the session was **Dr. S. Ponmani**, from the Department of Biotechnology, Vivekanandha College of Arts and Science for Women. She conducted the training and shared her expertise with the students.

During the programme, Dr. Ponmani explained the importance of food safety and the role of microbiological analysis in detecting harmful pathogens present in food samples. She introduced students to various laboratory techniques used for the isolation and identification of microorganisms from contaminated food.

The hands-on training included demonstrations and practical sessions on sample collection, preparation of culture media, inoculation techniques, incubation, and observation of microbial growth. Students were guided on how to identify pathogens based on colony characteristics and microscopic examination.

The session was highly interactive and provided students with valuable exposure to laboratory procedures. The practical approach enabled them to understand



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the significance of proper food handling and hygiene in preventing food-borne diseases.

Students actively participated in the training and gained hands-on experience in microbiological techniques. The programme helped them develop scientific skills and enhanced their understanding of pathogen detection in food samples.





**15/02/2025**

### **Industrial visit -Naga Factory,Dindugal**

The **Department of Science** organized an **Industrial Visit** to **Naga Factory, Dindigul** on **15 February 2025** with the aim of providing students with practical exposure to industrial processes and manufacturing techniques.

The visit was arranged to help students understand the real-time functioning of a food processing industry and to bridge the gap between theoretical knowledge and practical application. During the visit, the officials of the factory warmly welcomed the students and provided a detailed explanation of the production process followed in the factory.

Students were guided through different sections of the factory where they observed the various stages involved in the manufacturing and packaging of food products. The staff explained the importance of maintaining hygiene, quality control, and safety measures during the production process. Students were also introduced to modern machinery and equipment used in large-scale food production.

The visit provided valuable insights into raw material selection, processing methods, packaging techniques, and storage facilities. The students were able to see



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how quality standards are maintained to ensure safe and healthy food products for consumers.

The industrial visit was highly informative and helped students gain a better understanding of industrial operations and management. It also encouraged them to explore career opportunities in the food processing and manufacturing industries.

The programme concluded successfully, and students expressed their appreciation for the opportunity to observe industrial practices firsthand.





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20/02/2025

National conference on emerging trends in life science  
Dr.M.Manohar & Dr.K.Gobianand



<p><b>EXPERT SPEAKERS</b></p>  <p><b>DR. GOBIANAND. K,</b> READER, DEPARTMENT OF MICROBIOLOGY, NOORUL ISLAM COLLEGE OF DENTAL SCIENCES, NEYYATTINKARA, ATHIYANOOOR, THIRUVANANTHAPURAM, KERALA - 695123. TITLE: AVAIN INFLUENZA RESISTANT TRANSGENIC CHICKEN PRODUCTION USING CHICKEN SPERMATOGENIAL STEM CELL</p>  <p><b>DR. M. MANOHAR,</b> ASSISTANT PROFESSOR, DEPARTMENT OF MICROBIOLOGY, SADAKATHULLAH APPA COLLEGE, RAHMATH NAGAR, TIRUNELVELI -627011, TAMIL NADU, INDIA. TITLE: POTENTIAL EFFECT OF PROBIOTICS IN AQUATIC MICROBIOLOGY</p>	<p><b>ORGANIZING COMMITTEE</b></p> <p>Chief Patron Rev. Sr. Poorna Alphonsa SECRETARY</p> <p>Patron Rev. Dr. Sr. Margaret Daisy PRINCIPAL</p> <p>Vice Patrons Dr. Sr. Gracy ADMINISTRATIVE VICE PRINCIPAL Dr. S. K. Kavitha ACADEMIC VICE PRINCIPAL</p> <p><b>CONVENER</b></p> <p>Dr. A. Sudha Head &amp; Department of Microbiology and Bio technology</p> <p>Ms.A. Vedha Head &amp; Department of Chemistry</p> <p>Ms. S. Aruna Head &amp; Department of Physics</p> <p><b>ORGANIZING SECRETARY</b></p> <p>Ms. A. Asumptha AP/Department of Chemistry</p> <p>Mrs. S. Kavina AP/Department of Microbiology</p> <p>Mrs. G. Bhanu Priya AP/Department of Microbiology</p> <p><b>EXECUTIVE COMMITTEE</b></p> <p>Ms.S. Aarathi, President</p> <p>Ms.P. Sowndharya, Vice President</p> <p>Ms.D. Priya Dharsini, Media Secretary</p> <p>Ms.K. Janani, Cultural Secretary</p> <p>Ms.S. Kausalya, Discipline Secretary</p>	 <p><b>NATIONAL CONFERENCE ON EMERGING TRENDS IN LIFE SCIENCE (NCETLS-2025)</b></p> <p>20TH FEBRUARY - 2025</p>  <p>Organized by <b>DEPARTMENT OF PHYSICAL &amp; BIOLOGICAL SCIENCE BON SECOURS ARTS AND SCIENCE COLLEGE FOR WOMEN</b></p> <p>(AFFILIATED TO PERIYAR UNIVERSITY, SALEM) <b>SOWTHAPURAM(PO), VEPPADAI, NAMAKKAL(DT), TAMIL NADU - 638 008</b></p>
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**Date:** 20 February 2025

**Organized by:** Department of Physical and Biological Science

**Institution:** Bon Secours Arts and Science College for Women



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A **National Conference on “Emerging Trends in Life Science (NCETLS–2025)”** was organized on **20 February 2025** by the **Department of Physical and Biological Science at Bon Secours Arts and Science College for Women**. The objective of the conference was to provide a platform for academicians, researchers, and students to discuss recent advancements and innovative research in the field of life sciences.

The conference brought together distinguished experts who shared their knowledge and research experiences with the participants. The programme featured eminent speakers including **Dr. M. Manohar**, Assistant Professor, Department of Microbiology, Sadakathullah Appa College, Tirunelveli, and **Dr. K. Gobianand**, Reader, Department of Microbiology, Noorul Islam College of Dental Sciences, Neyyattinkara, Kerala.

Dr. K. Gobianand delivered an insightful lecture on the topic **“Avian Influenza Resistant Transgenic Chicken Production Using Chicken Spermatogonial Stem Cell.”** In his presentation, he explained the application of biotechnology and genetic engineering in developing disease-resistant poultry. He highlighted the importance of transgenic technology in improving animal health and preventing the spread of infectious diseases. His lecture provided valuable insights into modern genetic research and its potential benefits for the agricultural and biomedical sectors.

Dr. M. Manohar presented a thought-provoking lecture on **“Potential Effect of Probiotics in Aquatic Microbiology.”** He elaborated on the role of beneficial microorganisms in maintaining aquatic health and improving the productivity of aquaculture systems. He also discussed how probiotics can help in controlling pathogenic microbes and enhancing the sustainability of aquatic environments. His talk helped students understand the growing importance of microbial biotechnology in environmental and aquatic sciences.

The conference sessions were highly interactive, with participants actively engaging in discussions and raising questions related to the topics presented. The speakers provided clear explanations and shared their research experiences, which motivated students to develop interest in scientific research and innovation.

The conference served as an excellent platform for knowledge exchange and academic interaction. It broadened the understanding of students and faculty members about the latest developments in life science research and its practical applications in health, agriculture, and environmental sustainability.

The event concluded successfully with positive feedback from participants, who appreciated the informative sessions and the opportunity to learn from experienced researchers.



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## Outcome:

The National Conference enhanced students' knowledge of emerging research trends in life sciences, encouraged scientific thinking, and inspired them to pursue further research and academic excellence in the field.





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**12/03/2025**

**Skill development programme on Saree draping, Prepleating & box  
folding**

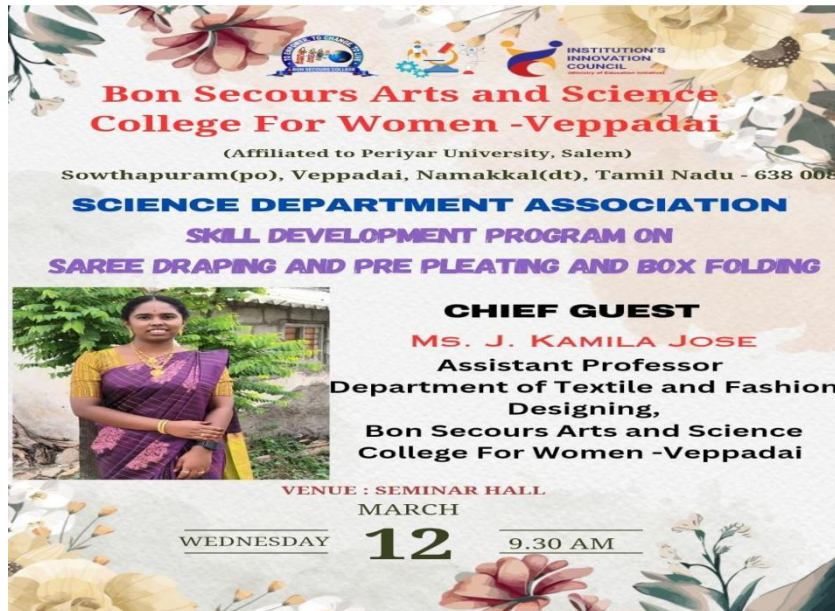
**Ms.J.Kamila jose**



# BON SECOURS ARTS AND SCIENCE COLLEGE FOR WOMEN

(Affiliated to Periyar University)

Gopalapuram, Sowthapuram (Po), Namakkal (Dt), Tamil Nadu – 638 008



**Date:** 12 March 2025

**Organized by:** Department of Science

**Venue:** Bon Secours Arts and Science College for Women

A Skill Development Programme on “Saree Draping, Pre-Pleating and Box Folding” was organized by the Department of Science on 12 March 2025 at Bon Secours Arts and Science College for Women. The programme aimed to provide students with practical knowledge and skills related to saree draping techniques and fabric handling.

The resource person for the programme was Ms. J. Kamila Jose from the Department of Textile and Fashion Designing, Bon Secours College. She conducted the session and shared her expertise in textile styling and garment presentation.

During the programme, Ms. Kamila Jose explained the significance of proper saree draping techniques and their role in fashion presentation and garment maintenance. She demonstrated different methods of saree draping, focusing on neatness, balance, and comfort while wearing the garment.

The session included practical demonstrations on **pre-pleating and box folding techniques**, which are commonly used for organizing and storing sarees. Students were guided step-by-step on how to create uniform pleats, maintain the shape of the saree, and fold it properly to preserve the fabric quality. The hands-on



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training enabled students to practice the techniques under the guidance of the resource person.

The programme was interactive and engaging, with students actively participating in the practical session. They gained valuable knowledge about handling traditional garments in a professional and organized manner. The training also enhanced their creativity and confidence in fashion-related skills.

The programme concluded successfully with enthusiastic participation from the students. It provided an opportunity for them to develop useful life skills and gain practical exposure to textile handling and styling techniques.





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**25/02/2025**

**Guest lecture -Spectroscopy (Mass,NMR,ASS,RAMAN)**

**Mrs.K.Sureshkumar**



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FOR WOMEN**  
(AFFILIATED TO PERIYAR UNIVERSITY, SALEM)  
SOWTHAPURAM(PO), VEPPADAI, NAMAKKAL(DT), TAMIL NADU - 638 008

**SCIENCE DEPARTMENT ASSOCIATION**  
**GUEST LECTURE**  
ON  
**SPECTROSCOPY (MASS, NMR, AAS, RAMAN)**

**CHIEF GUEST**



**MR.K.SURESHKUMAR, M.SC., M.PHIL.,  
B.ED., PGDCA., (PH.D)**  
ASSISTANT PROFESSOR IN CHEMISTRY,  
VIVEKANANDHA ARTS AND SCIENCE  
COLLEGE FOR WOMEN, SANKAGIRI, SALEM

**PATRON**  
**SR. POORNA ALPHONSA**  
SECRETARY

**CHAIR**  
**DR.SR.MARGARET DAISY**  
PRINCIPAL

**CONVENOR**  
**DR. A. SUDHA    MS. A. VEDHA    MS. S. ARUNA**

**VENUE : SEMINAR HALL    DATE : 25/02/2025    TIME : 11.00AM**

**Date:** 25 February 2025

**Organized by:** Department of Science

**Venue:** Bon Secours Arts and Science College for Women

A Guest Lecture on “Spectroscopy (Mass, NMR, AAS, Raman)” was organized by the **Department of Science** on **25 February 2025** at **Bon Secours Arts and Science College for Women**. The objective of the programme was to provide students with knowledge about modern analytical techniques used in chemical analysis and research.

The resource person for the session was **Mrs. K. Sureshkumar**, from the **Department of Chemistry, Vivekanandha College of Arts and Science for Women**. She delivered an informative lecture explaining the principles and applications of different spectroscopic techniques.

During the lecture, Mrs. Sureshkumar explained the importance of spectroscopy in identifying and analyzing chemical substances. She introduced students to various advanced techniques including **Mass Spectroscopy, Nuclear**



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**Magnetic Resonance (NMR) Spectroscopy, Atomic Absorption Spectroscopy (AAS), and Raman Spectroscopy.** She discussed how these methods are widely used in chemical research, pharmaceutical analysis, environmental studies, and forensic investigations.

The speaker elaborated on the working principles of each technique and explained how they help scientists determine the structure, composition, and properties of chemical compounds. She also highlighted the role of spectroscopy in modern scientific research and industrial applications.

The session was highly interactive and engaging. Students actively participated by asking questions and clarifying their doubts about the instruments and their practical uses. The lecture helped students understand complex analytical techniques in a simple and effective manner.

The programme provided valuable exposure to modern scientific instruments and analytical methods. It also encouraged students to develop interest in chemical research and laboratory-based studies.

The programme concluded successfully with students gaining a deeper understanding of spectroscopy and its significance in chemical analysis and scientific investigation.





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