



BON SECOURS COLLEGE OF EDUCATION

NAAC Re accredited 'B++' grade

Affiliated by Tamil Nadu Teachers Education University, Chennai

Vilar Bypass Road, Thanjavur – 613 006

Report Sci-Math Expo -2025



BON SECOURS COLLEGE OF EDUCATION

(Affiliated to Tamil Nadu Teachers Education University - Chennai)

Nationally Re-Accredited by NAAC with "B++" Grade

Recognised under 2(f) of UGC act 1956

Vilar Bypass, Thanjavur -613006

Cordially invite you to the

SCIMATH EXPO - 2K25

Venue: Conference Hall | Date : 11. 03. 2025 | Time : 10. 30 am



Lt. K. Neelavathi, M.Sc., M.Phil.,

Lecturer (Senior Scale)

NCC Associate officer

Department of General Engineering
Periyar Centenary Polytechnic College
Vallam, Thanjavur 613403

Will be the Chief Guest



Looking forward to your Gracious Presence

By,

Management, Principal, Teacher Educators,
Staff & Pre-Service Teachers.



AGENDA

- Prayer Song
- Words of God
- Welcome Address
- Honouring the Chief Guest
- Presidential Address
- Chief Guest Address
- Vote of thanks
- Sci-Math Expo opening



Report Sci-Math Expo -2025

Chief Guest : Lt. K. Neelavathi, Lecturer (Senior Scale), Department of General Engineering, periyar Centenary Polytechnic College, vallam, Thanjavur.

School Visited:

Government High School, Naduvur

Program Co-Ordinators :

Faculties of Science & Mathematics departments

Objectives:

- **Science exhibitions provide a platform for students to apply theoretical knowledge to real-world problems through hands-on projects and experiments.**
- **Exhibitions challenge students to identify issues, devise solutions, and present their findings, nurturing a mindset of inquiry and analytical thinking.**
- **Providing an opportunity for the students to showcase their innovative ideas and projects**

Programme:

Bon Secours College of Education celebrated National Science Day with a Science Exhibition held on March 11, 2025. While National Science Day is traditionally observed on February 28th to commemorate the discovery of the Raman Effect by Sir C.V. Raman in 1928, our college event provided a valuable opportunity for pre-service teachers to exhibit their scientific understanding and creativity.

The programme commenced by praising the lord with soulful prayer and the bible reading by our second year pre- service teachers. The people are warmly welcome by Ms.Barkavi Pre-service Teacher first year in physical science. The guest was honored with shawl by Dr.K.Antonysamy, Principal, BSCE and followed by a memento by Dr.S.Victoria Vice-Principal Department

of Physical Science. Dr.K. Antonysamy, principal was delivered the presidential address, praising the dedication of the professors in nurturing future teachers. The chief guest then addressed the gathering, emphasizing the importance of innovative teaching skills in shaping students future. The program concluded with a vote of thanks delivered by Ms. Joan Stefina, a first-year pre-service teacher in Mathematics.

Following the formal proceedings, the chief guest inaugurated the expo by cutting the ribbon. The chief guest toured the exhibition, pre-service teachers confidently presented their projects, demonstrating through grasp of scientific principles. The exhibits covered a wide range of topics including •Light, Motion, Magnetic Fields, and Sound•**Renewable Energy:** Solar power, hydroelectric generators •**Electrical Systems:** AC and DC motors, automatic transformers, electrical circuits •**Physics:** Heat radiation, Newton's laws, effects of electrical current •**Chemistry:** Atomic structure, water treatment, electroplating, metals and non metals, acid rain, lava lamps •**Fluid Mechanics:** Pascal's law applications •**Mathematics:** Trigonometry, circle geometry, complementary angles, polynomials, 3D and 2D objects, probability, Cartesian plane, Pythagoras theorem, direct variation.

The exhibition interactive nature allowed numerous school students to engage with the projects and understand the underlying scientific concepts. After careful evaluation, prizes and certificates were awarded to pre-service teachers for their outstanding contributions. The chief guest congratulated the participants on their dedication and encouraged them to continue exploring scientific innovation. The management was given a platform for future teacher to exhibit their innovative ideas and foster a scientific temperament. The event success was highlighted by a news article published in the Dinamalar newspaper.

Learning outcome:

The Science Exhibition successfully demonstrated that science and mathematics education, when delivered by knowledgeable and enthusiastic future teachers, can inspire and engage school students. The day served as a platform for pre-service teachers to exhibit their scientific prowess and encouraged young minds to explore the wonders of science.

Prepared by
Dr. S.Victoria
Asst. professor in physical science
BSCE





