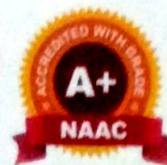




SHRI GNANAMBICA DEGREE COLLEGE

(AUTONOMOUS)
(Affiliated to S.V. University)



REPORT ON HANDS-ON TRAINING & DEMONSTRATION ON ADVANCED BIOTECHNOLOGY LABORATORY TECHNIQUES, BOOK LAUNCH AND BIOGLOW LAUNCH

Date: 13 August 2026

Time: 10:00 AM

Venue: Shri Gnanambica Degree College (Autonomous), Madanapalle

Programme Coordinator: Dr. K. S. Ramya, Department of Biotechnology & IQAC
Coordinator

Chief Guest: Dr. R. Guru Prasad, Correspondent

Patron: Smt. S. Ramadevi, Principal

Special Guest: Prof. M. Hema, Coordinator-1 & Organising Secretary, Extension &
Outreach Programme, CoE-VLP Technologies, RUSA Phase II, Sri Venkateswara University,
Tirupathi

Introduction

Shri Gnanambica Degree College (Autonomous), Madanapalle, organised a comprehensive academic and innovative programme on **13 August 2026** focusing on hands-on exposure to advanced biotechnology laboratory techniques, knowledge sharing, and student innovation.

The programme featured a **Hands-on Training & Demonstration on Advanced Biotechnology Laboratory Techniques**, along with the launch of a new book under the theme "*Knowledge to Inspiration*" and the launch of BioGlow – "**Where Science Meets Tradition.**" The programme aimed to bridge the gap between theoretical learning and practical application while encouraging students to explore creativity, innovation and entrepreneurship.

Hands-on Training and Demonstration

The hands-on training session was organised to provide Biotechnology students with practical exposure to advanced laboratory techniques. The programme emphasised experiential learning and helped students understand the application of biotechnology concepts in laboratory settings.

The demonstration by the invited expert provided students with valuable insights into modern biotechnology practices, laboratory procedures and the importance of accuracy, safety and systematic observation while performing experiments.

The interactive nature of the session enabled students to clarify their doubts and gain a better understanding of laboratory techniques. The programme also motivated students to develop practical competencies that can support their higher education, research activities and future careers in biotechnology.

Book Launch – “Knowledge to Inspiration”

As part of the programme, a new book was launched under the theme “**Knowledge to Inspiration.**” The initiative highlighted the importance of transforming knowledge into meaningful learning, creativity and positive action.

The book launch added an academic and intellectual dimension to the programme and encouraged students and faculty members to value reading, knowledge sharing and continuous learning.

BioGlow Launch – “Where Science Meets Tradition”

Another major highlight of the programme was the launch of **BioGlow**, an innovative student initiative carrying the theme “**Where Science Meets Tradition.**”

BioGlow represents the creative integration of **biotechnology, traditional knowledge and sustainable innovation.** The initiative demonstrated how scientific knowledge can be applied creatively to develop value-added products while preserving traditional ideas and practices.

The BioGlow initiative also provided students with an opportunity to understand the fundamentals of **product development, creativity, entrepreneurship, branding and innovation.** It encouraged students to think beyond conventional academic learning and

explore possibilities for converting scientific ideas into practical and market-oriented products.

Student Engagement and Learning Outcomes

The programme provided students with a combination of **practical learning, expert interaction, knowledge sharing and innovation exposure**. The hands-on training enhanced their laboratory skills, while the book launch promoted academic and intellectual development.

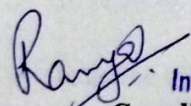
The BioGlow launch particularly encouraged students to develop an entrepreneurial mindset and understand the relevance of biotechnology in real-world applications. The programme therefore contributed to the development of practical skills, creativity, confidence, teamwork and innovation among students.

Conclusion

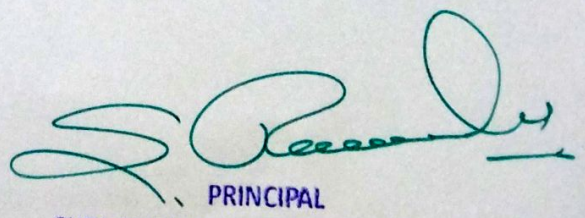
The programme conducted on **13 August 2026** was a significant academic and innovation-oriented initiative of Shri Gnanambica Degree College (Autonomous), Madanapalle. The combination of **hands-on training, expert demonstration, book launch and BioGlow innovation** provided students with a meaningful learning experience.

The programme successfully promoted **experiential learning, research orientation, creativity, innovation and entrepreneurship** among Biotechnology students. It also reinforced the institution's commitment to providing students with opportunities that connect classroom knowledge with practical applications and emerging areas of biotechnology.

The programme concluded with appreciation to the dignitaries, faculty members, coordinators and students for their active participation and contribution to the successful conduct of the event.


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