

**REPORT ON VALUE ADDED PROGRAM CONDUCTED BY
THE DEPARTMENT OF PERIODONTOLOGY, JSS DENTAL COLLEGE
IN BIOCHEMICAL TECHNIQUES**

- The proposed course was organized in association with the Department of Biochemistry, JSS Medical College a 6-day long program involving theory as well as hands-on training sessions.
- The Inaugural function was held on May 8th, 2023, from 9.00 Am.
- Guests of honor were the honorable principal, of JSS Dental College, Dr. Dhakshaini MR, Dr. Akhila Prashant, Professor & HOD, Dept of Biochemistry, JSS Medical College, Dr. Sheela Kumar Gujjari Professor & HOD, Department of Periodontology, JSS Dental College, Coordinators Dr. Suman Basavaraju, Professor, Dept of Periodontology, JSS Dental College, Dr. Subba Rao sir, Professor, Department of Biochemistry, JSS Medical College.
- ✚ The program started with the lighting of lamp by the dignitaries.
- ✚ A Protocol Handout on Biochemical Techniques was unveiled by the dignitaries
 - ✚ This will provide a comprehensive knowledge of different biochemical methods that are essential in executing various research studies.
- ✚ All the delegates were invited to speak.
 - ✚ The Inaugural Function was followed by a Pre-Assessment test to assess the knowledge of the delegates before the course.
- ✚ Followed by, the first theory session of the course, Presented by Dr. Preethi G. Anantharaju Senior Project Associate, Department of Biochemistry, JSS Medical College.
- ✚ The course continued with knowledge-enriched theory sessions lead by Dr. M.V.S.S.T. Subba Rao, Professor, Department of Biochemistry, JSSMC.
- ✚ **Day 3 and 4 were enriched with theory and practical sessions on chromatography and Electrophoresis techniques**
 - ✚ The delegates were well-hand-trained by the Demonstrators lead by Ms. Medha Karnik, CII-SERB Senior Research Fellow, Center of Excellence in Molecular Biology and Regenerative Medicine (CEMR) Laboratory, Department of Biochemistry.
 - ✚ An overview of major laboratory apparatus and machines was provided

Hands-on Sessions were undoubtedly effective and advantageous in gaining skills.

On the Fifth Day, Principles of PCR and isolation of DNA by different techniques were demonstrated and the delegates were trained to do Hands-on