



DEPARTMENT OF BIOMEDICAL SCIENCE
BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI-620 024

INVITATION



M. Sc., Sem I- Academic Year 2025-2026

Chief Organizer

Dr. G. Mathan

Organizers

Dr. K. Premkumar
Dr. S.D. Saraswathy
Dr. S. Shanmugaapriya

Course Coordinators

Dr. P. Jeganathan,
Dr. P. S. Dhivya
Dr. A.S. Vijayakumar
Dr. R. Poornima

July 7th 2025 to July 10th 2025

Venue: Seminar Hall, BMS

Time: 10:30 AM to 1:15 PM

The Bridge Course provided a thorough introduction to the Department of Biomedical Science, highlighting the academic framework, career guidance, and opportunities for personal growth through extracurricular activities. The sessions were designed for students to gain valuable insights and help them prepare for their academic journey ahead.

Day 1: July 7th, 2025

Speaker: Dr. G. MATHAN, Professor & Head

1. Introduction to the Department:

- Overview of the department's history, mission, and vision.
- Introduction to faculty members and their areas of expertise.

2. Facilities and Infrastructure:

- Detailed description of the department's laboratories, research centres, and library resources.
- Information about state-of-the-art equipment and technology available to students.

Day 2: July 8th, 2025

Speaker: Dr. S. D. SARASWATHY, Associate Professor

3. Curriculum Structure and syllabus:

- Detailed overview of the biomedical science curriculum.
- Explanation of core courses, electives, and specialized tracks.
- Insight into the syllabus and how it aligns with current industry standards and research trends.
- VAC & NPTEL online course.

4. Extracurricular Activities:

Importance of participating in extracurricular activities for overall development (NCC & NSS)

Day 3: July 9th, 2025

Speaker: Dr. K. PREMKUMAR, Professor

5. General Regulations:

- Overview of academic regulations, attendance policies, and examination procedures.
- Important committees (Anti-Ragging, Anti-Drug, Discipline, Student wellbeing, Differently abled person & Anti-Sexual and Harassment committee),

- Students club (Biomedfutura- Events and Newsletter), BMS Alumni, Mentor Mentee & Parent Teachers meeting.
- Information on the grading system, academic calendar, and important deadlines.
- **Prof. GOVINDARAJU ARCHUNAN ENDOWMENT SCHOLARSHIP**
- University GOLD medal- INSPIRE Fellowship

6. Extension Pattern:

- Explanation of the extension activities and their importance in the curriculum.
- Opportunities for community engagement and real-world application of knowledge.

7. Internships:

- Guidance on securing internships relevant to biomedical science.
- Importance of internships in gaining practical experience and enhancing employability.
- **Prof. CHELLAM BALASUNDARAM ENDOWMENT INTERNSHIP/PROJECT FELLOWSHIP**

Day 4: July 10th, 2025

Speaker: Dr. S. SHANMUGAAPRIYA, Associate Professor

8. Projects:

- Discussion on the role of research projects in the curriculum.(Project I &II)
- Tips on selecting project topics, conducting research, and presenting findings.

9. SET and NET Exams:

- Information on State Eligibility Test (SET) and National Eligibility Test (NET) & GATE.
- Preparation strategies and resources available for these competitive exams.

10. Career Opportunities:

- Insight into various career paths available for biomedical science graduates.
- Discussion on emerging trends and job prospects in the biomedical field.



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**REPORT ON
BRIDGE COURSE FOR FIRST-YEAR BIOMEDICAL STUDENTS
Academic Year: 2025-2026**

Introduction:

The Department of Biomedical Science, Bharathidasan University, successfully organized a '**Bridge Course**' for the newly admitted first year students of Biomedical Science department from **July 7th to July 10th, 2025**, at the Seminar Hall, Biomedical Science Department. The sessions were conducted daily from 10:30 AM to 1:15 PM.

The Bridge Course aimed to help fresh the first year student's transition smoothly into the academic framework of the department. It provided foundational knowledge about the department's functioning, academic curriculum, infrastructure, and career pathways, ensuring that students begin their academic journey with clarity and confidence.

Objectives of the Bridge Course:

- To introduce students to the department, faculty members, and infrastructure.
- To provide an overview of the biomedical science curriculum and academic regulations.
- To encourage participation in extracurricular and extension activities.
- To orient students about internship opportunities, research projects, and competitive exams.
- To explore future career prospects in the field of biomedical sciences.

Course Schedule and Highlights

Day 1: July 7th, 2025

Speaker: Dr. G. Mathan, Professor & Head

Topics Covered:

- Introduction to the Department: history, mission, and vision.
- Faculty introductions and their areas of expertise.
- Facilities and infrastructure, including laboratories and research centers.
- Overview of modern equipment and resources available.

Day 2: July 8th, 2025

Speaker: Dr. S. D. Saraswathy, Associate Professor

Topics Covered:

- Detailed explanation of the curriculum structure.
- Overview of core courses, electives, and specialization tracks.
- Introduction to VAC & NPTEL online courses.
- Importance of extracurricular activities (NCC & NSS).

Day 3: July 9th, 2025

Speaker: Dr. K. Premkumar, Professor

Topics Covered:

- Academic regulations, attendance policies, and examination guidelines.
- Awareness on student welfare committees (Anti-Ragging, Anti-Drug, Discipline, etc.).
- Academic calendar and important deadlines.
- Student clubs and alumni network.
- Scholarship opportunities and fellowship programs (e.g., INSPIRE).

Day 4: July 10th, 2025

Speaker: Dr. S. Shanmugaapriya, Associate Professor

Topics Covered:

- Extension pattern and its importance in community engagement.
- Internship opportunities and their role in enhancing employability.

- Guidance on research projects and tips on project work.
- Preparation for competitive exams like SET, NET, and GATE.
- Career opportunities and industry trends in biomedical sciences.

The Bridge Course served as a vital orientation platform for new students by:

- Helping them understand the academic expectations and opportunities in the program.
- Enhancing their awareness about institutional resources and support systems.
- Promoting active participation in extracurricular and community engagement.
- Equipping them with knowledge about research, internships, and career-building avenues.
- Boosting their confidence as they begin their college life.

Conclusion:

The Bridge Course proved to be an enriching and informative experience for all first-year students. It successfully laid a strong academic and professional foundation for their future in biomedical sciences. The Department of Biomedical Science remains committed to nurturing and guiding students at every step of their journey.

Bridge Course -2025-26, Gallery



