Department Of Biotechnology

SHAHEED HIMAYUN MUZZAMIL MEMORIAL

Govt. Degree College, Anantnag

Khanabal, Anantnag – 192101 (J&K) NAAC ACCREDITED GRADE "B+" (CGPA: 2.53)

No: DCA/BT/2026/ **Dated :-19.09.2026**

NOTICE

All 5th Semester students are hereby informed that a presentation is compulsory for every student as part of the Animal Cell Culture course. Each student will be assigned/present one topic from the presentation list. The presentation will carry 10 marks, which will be included in the Internal Practical Examination.

As there will be no separate Viva-Voce portion in the Internal Practical Examination this year, these 10 marks will be assessed through the presentation.

Therefore, attendance and participation in the presentation is compulsory for all students. Students are advised to prepare their assigned topics thoroughly and be ready to present on the scheduled date.

Teacher In-charge

Department of Biotechnology

Government Degree College Anantnag

S. No.	Roll No.	Presentation Topic	DATED
1	401	Transgenic Animals	24/9/2026
2	402	Applications of Transgenic Animals	24/9/2026
3	405	Biopharming	24/9/2026
4	406	Stem Cells	26/9/2026
5	407	Vaccines	26/9/2026
6	409	In Vitro Fertilization (IVF)	26/9/2026
7	411	Artificial Insemination	28/9/2026
8	415	Cell Immortalization	28/9/2026
9	416	Cell Viability, MTT and TUNEL Assays	28/9/2026
10	417	Cell Cytotoxicity Assays	29/9/2026
11	419	Common Cell Lines	29/9/2026
12	420	Finite and Continuous Cell Lines	29/9/2026
13	421	Cell Transformation Methods	30/9/2026
14	422	Organ and Histotypic Culture	30/9/2026
15	424	Scope of Animal Cell Culture	30/9/2026
16	425	Tissue Disintegration and Disaggregation	01/10/2026
17	426	Suspension and Monolayer Culture	01/10/2026
18	427	Properties of Transformed and Neoplastic Cells	01/10/2026
19	428	Serum and Its Components	03/10/2026
20	429	Uses of Cell Culture for Various Purposes	03/10/2026
21	434	Use of Cell Culture in the Production of Glycoproteins and Hormones	03/10/2026
22	438	Primary and Secondary Cell Culture	05/10/2026
23	440	Three-Dimensional (3D) Cell Culture	05/10/2026
24	441	Sterilization Techniques	05/10/2026
25	443	Physicochemical Properties of Culture Media	06/10/2026
26	444	Criteria for Selecting Culture Media	06/10/2026
27	447	Types of Culture Media	06/10/2026
28	449	Types of 3D Culture	07/10/2026
29	450	Strategies and Challenges in 3D Culturing	07/10/2026
30	528	HeLa and HEK Cell Lines	07/10/2026