

**School of Studies in Biotechnology**  
**Pt. Ravishankar Shukla University, Raipur 492 010**

**M.Sc. III Sem. Seminar Topics,**  
**Session: July-Dec 2019**


S.N.	Name of student	Topic	Date	Remark	Signature of the student
1.	<b>Mr. Anal Kishore Singh</b>	Restriction enzymes	26/07/2019		
		Innate and acquired immunity	23/08/2019		
		Preservation of industrial microorganism	14/09/2019		
		Environment: Basic concepts, issues and solution	05/10/2019		
2.	<b>Ms. Ankita Rathi</b>	Plasmid cloning vector	26/07/2019		
		Organization and structure of lymphoid organs	23/08/2019		
		Media for industrial fermentation	14/09/2019		
		Measurement methods of Air and Water pollutions	05/10/2019		
3.	<b>Ms. Champa Tunde</b>	Phagemids	26/07/2019		
		Antibody structure and function	23/08/2019		
		Photo and fluidized bioreactor	14/09/2019		
		Air pollution control through biotechnological approaches	05/10/2019		
4.	<b>Ms. Chuleshwari</b>	Linkers and Adapters	26/07/2019		
		Lymphocyte trafficking	23/08/2019		
		Downstream processing-filtration and centrifugation	14/09/2019		
		Water pollution, causes and effect of life	05/10/2019		
5.	<b>Ms.Dameshwari</b>	YAC	27/07/2019		
		Antibody engineering	30/08/2019		
		Downstream processing- cell disruption and chromatography	20/09/2019		
		Wastewater treatment biological methods	11/10/2019		
6.	<b>Ms. Jagriti Rajpoot</b>	BAC	27/07/2019		
		Antigen –antibody interactions	30/08/2019		
		Downstream processing-Drying and crystallization	20/09/2019		
		Wastewater treatment-physical method	11/10/2019		
7.	<b>Mr. Khemraj</b>	Cosmids	27/07/2019		
		Major Histocompatibility Complex (MHC)	30/08/2019		
		Disposal of effluents	20/09/2019		
		Aerobic digestion	11/10/2019		
8.	<b>Ms. Khushboo Lilaria</b>	Nucleic acid amplification	27/07/2019		
		BCR	30/08/2019		
		Whole cell immobilization	20/09/2019		
		Anaerobic process digestion	11/10/2019		

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9.	<b>Ms. Lipika Verma</b>	Two hybrid system	03/08/2019		
		TCR	31/08/2019		
		Industrial production of ethanol	21/09/2019		
		Bioremediation and types	12/10/2019		
10.	<b>Ms. Madhavi Singh</b>	Southern blot	03/08/2019		
		Complement system	31/08/2019		
		Industrial production of acids	21/09/2019		
		Microbial degradation of Xenobiotic compounds	12/10/2019		
11.	<b>Ms. Medha Singh Chandel</b>	Screening of library	03/08/2019		
		Cells of immune system	31/08/2019		
		Industrial production of antibiotics	21/09/2019		
		Biological treatment processes of Water pollution	12/10/2019		
12.	<b>Ms. Namrata Dewangan</b>	Phage display	03/08/2019		
		Regulation of immune response	31/08/2019		
		Industrial production of single cell protein	21/09/2019		
		Degradative plasmids	12/10/2019		
13.	<b>Mr. Naveen Dewangan</b>	Nucleic acid Micro array	10/08/2019		
		Cell – mediated cytotoxicity	06/09/2019		
		Microbes in mineral beneficiation	27/09/2019		
		Biopesticides in integrated pest management	18/10/2019		
14.	<b>Ms. Olibha Xalxo</b>	Northern blotting	10/08/2019		
		Hypersensitivity	06/09/2019		
		Sterilization and pasteurization of food products	27/09/2019		
		Concept of integrated pest management and application	18/10/2019		
15.	<b>Ms. Pingla Sen</b>	Gene silencing	10/08/2019		
		Autoimmunity	06/09/2019		
		Food preservation	27/09/2019		
		Sustainable urban solid wastes and management in India	18/10/2019		
16.	<b>Mr. Rahul Dewangan</b>	Chemical Synthesis of DNA	10/08/2019		
		Transplantation	06/09/2019		
		Technology of typical food products (bread, cheese and idli)	27/09/2019		
		Acid rain causes effect and solution	18/10/2019		
17.	<b>Ms. Rashi Agrawal</b>	cDNA Library	16/08/2019		
		Immunity to infectious agents (intracellular parasites, helminthes and virus )	07/09/2019		
		Bioreactors and types	28/09/2019		
		Global Environmental challenges of 21 <sup>st</sup> century	19/10/2019		

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18.	<b>Ms. Sharon Khalkho</b>	Codon optimization	16/08/2019		
		Hybridoma Technology	07/09/2019		
		Industrial production of amino acids	28/09/2019		
		Role of National organization in Biotechnology	19/10/2019		
19.	<b>Ms. Shraddha Chndrawanshi</b>	Stabilization of recombinant protein	16/08/2019		
		Monoclonal antibodies	07/09/2019		
		Kinetics of growth	28/09/2019		
		Intellectual property rights in science and technology	19/10/2019		
20.	<b>Ms. Shrey Kar</b>	Bacteriophages as vector	16/08/2019		
		Hematopoiesis and Differentiation	07/09/2019		
		Sterilization of media	28/09/2019		
		Wastewater treatment and chemical methods	19/10/2019		
21.	<b>Ms. Silvi Sharma</b>	Chromosome engineering	17/08/2019		
		Antigen Processing and Presentation	13/09/2019		
		Food preservation techniques	04/10/2019		
		Microbiology of wastewater	01/11/2019		
22.	<b>Ms. T Abhilasha</b>	Vector engineering	17/08/2019		
		Immunological tolerance	13/09/2019		
		Food technology of fermented food: bread and cheese	04/10/2019		
		Treatment of effluent from distillery	01/11/2019		
23	<b>Ms. Vani Dhruv</b>	Strategies of gene delivery	17/08/2019		
		MHC restriction	13/09/2019		
		Specialized Bioreactors	04/10/2019		
		Biotechnological approaches for environmental problems management	01/11/2019		
24	<b>Ms. Yogita Sahu</b>	Gene regulation and silencing	17/08/2019		
		Cytokines and their role in immune regulation	13/09/2019		
		Treatment and disposal of effluents	04/10/2019		
		Measurement methods of Soil pollutions	01/11/2019		

  
 19/07/19  
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