

B.Phram, Department  
of Pharmacy

Date: 25.05.2020

## KIET School of Pharmacy

### Additional Skills

**Subject: Biomedical waste Management**

**Subject Code: BP 412**

**Academic session: 2019-2020 (Even semester)**

#### **Course Objective**

This course covers various aspects of hazardous waste and biomedical waste such as collection, segregation, recovery, labelling requirements, storage areas, treatment and disposal facilities.

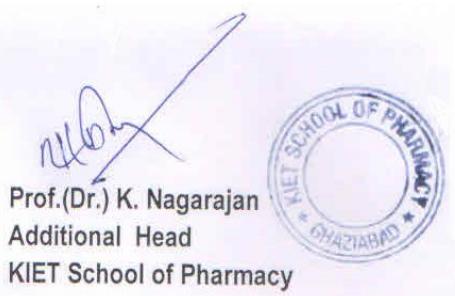
#### **Course curriculum**

##### **UNIT-I**

Introduction, Definition of General and Hazardous health care waste, Infectious waste, Genotoxic waste, Waste Sharps, Biomedical waste – categories Categorization and composition of Biomedical waste. Specification of materials. Colour coding. Sources of Health care wastes, Hospitals & health care establishments & other sources.

##### **UNIT-II**

Health Impacts of Biochemical waste. Direct & Indirect hazards. Potential health hazards. Persons at risk. Basic information about infection. Infection agents on organizations, spread of infection, Basic information about Hospital acquired infection.

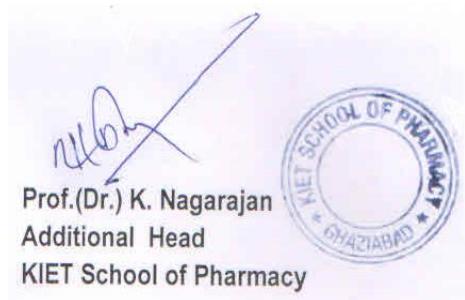


## **UNIT-III**

1. Legislation and policies on Health care waste management. Biomedical waste Management and handling Rules, 1998 and its amendment thereafter. CPCB guidelines. (Central pollution control board) Some idea on Safe disposal of Radioactive waste Rules, 1995 guideline of BARC.
2. International Scenario World Health Organization guidelines on
  - a) Management of wastes from Hospital waste
  - b) Management of hospital wastes in Developing countries

## **UNIT-IV**

1. Basic steps in Health Care Waste Management Segregation at the point of generation sharp Decontaminating/Disinfections unit container for autoclaving Sharp waste containers for storage & transportation autoclaving/shredding /incrimination/ bio hazard symbols. Microwave, Hydro pulping, plasma torch.
2. Collection & Handling of waste
3. On site Pre-treatment of waste
4. Mechanical Treatment & Chemical Disinfections
5. Store & Off-site transportation
6. Treatment- in-site & off-site (common treatment facilities)
7. Liquid waste treatment Different technologies, cost aspect
8. Conventional Treatment Technologies
  - a) Wet thermal technology
  - b) Incineration-different models Alternative Treatment Technologies, Microwave Technology, Rotaclave system, Hydroclave system, Electro Thermal Reactivation (ETP) Treatment Process, Electron beam Technology, Plasma Pyrolysis /Gasification systems



## **UNIT-V**

1. Treatment of General/Non-infectious wastes
  - a) Composting Rotating Jumbling system French composting
  - b) Vermi-composting
2. Disposal Technologies
  - a) Sharp Disposal pit
  - b) Deep- burial pit
  - c) Secured Land fill
3. Waste Minimization Recycling, Re-use

### **Assessment procedure**

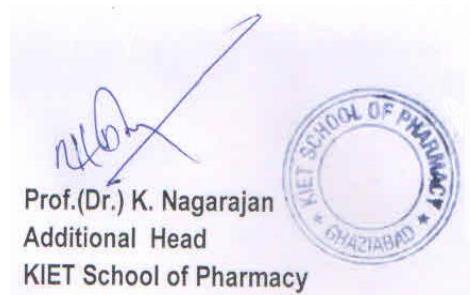
Outcome assessment is conducted at the end of semester in order to measure student's understanding. During lectures the students are asked questions to assess their understanding and test performed as required. Students are awarded a certificate on completion of the course.

### **Outcomes**

The certificate course has been designed to educate the students on the principles involved in the management of several hazardous and biomedical wastes from source identification up to treatment, transformation, and disposal.

#### **The students shall be able:**

1. To make the students understand the fundamentals of hazardous wastes and also the types, and sources of hazardous as well as biomedical wastes.
2. To understand about the characteristics of various types of hazardous and biomedical wastes.
3. To understand in detail about the storage, collection and transport of hazardous and biomedical wastes, and also to study about the methods used for handling and segregation of wastes.
4. To improve the knowledge on the waste processing techniques which includes incineration, solidification and stabilization of hazardous wastes
5. To know about the basics of the waste disposal options and also a detailed study on the disposal in landfills and also to learn about landfill remediation.



**Attendance Sheet BIOMEDICAL WASTE MANAGEMENT 4 Semester A Section**

Class	Name	University Roll no.	16-01-2020	1	2	3	4	18-01-2020	5	6	23-01-2020	7	25-01-2020	8	25-01-2020	9	30-01-2020	10	30-01-2020	11	06-02-2020	12	06-02-2020	13	20-02-2020	14	20-02-2020	15	22-02-2020	16	22-02-2020	17	27-02-2020	18	27-02-2020	19	05-03-2020	20	05-03-2020	21	07-03-2020	22	07-03-2020	23	12-03-2020	24	12-03-2020	25	19-03-2020	26	19-03-2020	27	27	28	09-04-2020	29	09-04-2020	30	11-04-2020	31	11-04-2020	32	16-04-2020	33	16-04-2020	Present	Absent	Total	Percentage
Roll No			16-01-2020	1	2	3	4	18-01-2020	5	6	23-01-2020	7	25-01-2020	8	25-01-2020	9	30-01-2020	10	30-01-2020	11	06-02-2020	12	06-02-2020	13	20-02-2020	14	20-02-2020	15	22-02-2020	16	22-02-2020	17	27-02-2020	18	27-02-2020	19	05-03-2020	20	05-03-2020	21	07-03-2020	22	07-03-2020	23	12-03-2020	24	12-03-2020	25	19-03-2020	26	19-03-2020	27	27	28	09-04-2020	29	09-04-2020	30	11-04-2020	31	11-04-2020	32	16-04-2020	33	16-04-2020	Present	Absent	Total	Percentage
1	AAKARSH GOEL	1819950001	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	31	2	33	94																							
2	AAKRITI BHARDWAJ	1819950002	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	25	8	33	76																										
3	ABHAY RAJ VERMA	1819950003	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	32	1	33	97																											
4	ABHINAV SINGH	1819950004	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	27	6	33	82																											
5	ABHISHEK CHAUDHARY	1819950005	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	3	33	91																											
6	ADITYA SINGH	1819950006	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	5	33	85																											
7	AMAN RAWAT	1819950007	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	26	7	33	79																											
8	AMBUJ MISHRA	1819950008	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	26	7	33	79																											
9	AMRITA GANTAYAT	1819950009	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	5	33	85																											
10	ANAND MOHAN KUMHAR	1819950010	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	26	7	33	79																											
11	ANANYA NAGAR	1819950011	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	27	6	33	82																											
12	ANCHAL KUSHWAHA	1819950012	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	3	33	91																											
13	ANKIT KUMAR YADAV	1819950013	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	3	33	91																											
14	ANSHIKA SHARMA	1819950014	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	26	7	33	79																											
15	ARCHIT GUPTA	1819950015	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	27	6	33	82																											
16	ASHISH KUMAR SINGH	1819950016	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	5	33	85																											
17	ASHUTOSH TIWARI	1819950017	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	5	33	85																											
18	ASHUTOSH VERMA	1819950018	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	26	7	33	79																											
19	ASTHA BISWAS	1819950019	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	31	2	33	94																											
20	AYUSH ASTHANA	1819950020	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	31	2	33	94																											
21	AYUSH RAGHAV	1819950021	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	26	7	33	79																											
22	BHUPENDRA KUMAR YADAV	1819950022	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	29	4	33	88																											
23	BRIJESH JAISWAL	1819950023	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	29	4	33	88																											
24	DEEPSHIKHA	1819950024	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	3	33	91																											
25	DEVVRAT YADAV	1819950025	P	P	P	P	P	P	A	A	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	27	6	33	82																											
26	DHRUV KANSAL	1819950026	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	27	6	33	82																											
27	DIVYAM GUPTA	1819950027	P	P	P	P	P	P	P	P	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	29	4	33	88																											
28	DIVYANSH KUMAR JAISWAL	1819950028	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	5	33	85																											
29	GARIMA SRIVASTAVA	1819950029	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	3	33	91																											
30	GOVIND BHARDWAJ	1819950030	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	5	33	85																											
31	HEMANT CHAUDHARY	1819950031	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	32	1	33	97																											
32	HIMANSHU TOMAR	1819950032	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	31	2	33	94																											
33	HIYA JAIN	1819950033	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	27	6	33	82																											
34	ISHIKA BINDAL	1819950034	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	31	2	33	94																											
35	KAJAL	1819950037	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	31	2	33	94																											

38 KAVYA GUPTA	1819950038	P A P P P P P P 32 1 33 97
40 KM ANSHIKA SHARMA	1819950040	P A P P P P P P 31 2 33 94
41 KRISHNA SINGH	1819950041	P A P P A P P P 31 2 33 94
42 KSHITIZ SAHU	1819950042	P A P A P P P 31 2 33 94
43 KSHITIZ AHLAWAT	1819950043	P A P P A P P P 31 2 33 94
44 MANDEEP BHARDWAJ	1819950044	P P P P P P P P A P P P P P A A P P A P P A A P P P A P P A P P P P 25 8 33 76
45 MANIK CHOUDHARY	1819950045	P A P P P P 32 1 33 97
46 MANSI CHAUDHARY	1819950046	P P P P P A A P P P P P P P P P P P P P A P P P P A P P A P P P P 27 6 33 82
47 MANU CHAUDHARY	1819950047	P A A P P P P A P P P P 30 3 33 91
48 MISBAUDDIN	1819950048	P P P P P P P P P P P P P P P P A P P A P P P P P P P P A A P P A P P P 28 5 33 85
50 MOHAMMAD ADIL	1819950050	P P P P P P P P P P P P P P A A A P P P P P P P P P P A A P P A P A P P 26 7 33 79

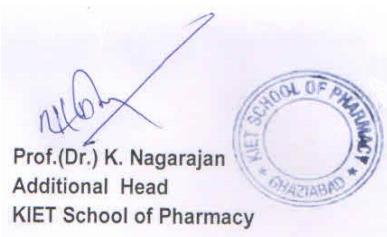
Prof.(Dr.) K. Nagarajan  
Additional Head  
KIET School of Pharma



**Attendance Sheet BIOMEDICAL WASTE MANAGEMENT (Batch 2018-2022) 4 Semester B Section**

Class Roll No	Name	University Roll no.	Attendance Record (16-01-2022 to 16-04-2022)																Present	Absent	Total	Percentage															
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33		
1	MUHAMMAD IFTIKHAR SEH	1819950051	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	31	2	33	94	
2	MOHD ASHHAR SUHAIL NOM	1819950052	P	A	A	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P	A	P	P	P	P	A	P	P	P	P	P	P	25	8	33	76	
3	MONU KUMAR	1819950053	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	32	1	33	97	
4	MUKUL TYAGI	1819950054	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P	P	A	P	P	P	P	P	P	27	6	33	82	
5	NIHAL KUMAR	1819950056	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	30	3	33	91	
6	NIKHIL KUMAR SINGH	1819950057	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	A	P	P	P	P	28	5	33	85	
7	NISHANT SINGH	1819950059	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	A	P	P	P	26	7	33	79		
8	NITESH SHARMA	1819950060	P	A	A	P	P	P	A	A	P	P	P	P	P	P	P	P	A	P	P	A	P	P	P	A	P	P	P	P	P	P	26	7	33	79	
9	PAVAN YADAV	1819950061	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	28	5	33	85	
10	PRACHI GOYAL	1819950062	A	A	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	A	P	P	P	P	P	26	7	33	79	
11	PRADEEP KUMAR	1819950063	P	A	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P	P	P	P	27	6	33	82	
12	PRIYANSHI UPADHYAY	1819950064	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P	P	30	3	33	91
13	RAHUL SINGH	1819950065	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P	P	30	3	33	91
14	RAJAT CHAUDHARY	1819950066	A	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	A	A	P	P	P	P	P	26	7	33	79	
15	RAMAKANT TIWARI	1819950067	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P	P	P	P	P	A	P	A	P	P	P	27	6	33	82
16	RAVI KUMAR SINGH	1819950068	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	A	P	P	P	P	28	5	33	85
17	RISHABH BAJPAI	1819950069	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	28	5	33	85	
18	RISHI PRAKASH	1819950070	A	A	A	P	P	A	A	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	26	7	33	79	
19	RITVIKE SHUKLA	1819950071	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P	P	P	31	2	33	94
20	ROBIN SINGH	1819950072	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P	P	P	31	2	33	94	
21	ROHIT TOMAR	1819950073	A	A	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	A	P	P	A	P	P	26	7	33	79	
22	SAGAR ATRI	1819950074	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	A	P	P	P	29	4	33	88
23	SAHIL KUMAR SINGH	1819950075	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	A	A	P	P	A	P	P	P	29	4	33	88
24	SAKSHAM RAI	1819950076	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	30	3	33	91	
25	SATYAM PATEL	1819950077	P	A	A	P	P	A	A	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	27	6	33	82	
26	SAURABH TIWARI	1819950078	P	A	A	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	27	6	33	82
27	SHALU CHOUDHARY	1819950079	P	P	P	P	P	P	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	29	4	33	88
28	SHIVAM TYAGI	1819950080	P	A	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	28	5	33	85	
29	SHIVAM TYAGI	1819950081	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P	30	3	33	91
30	SHIVANI BHARDWAJ	1819950082	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	A	P	P	28	5	33	85
31	SHIVANI BILLA	1819950083	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	32	1	33	97	
32	SHIVANSH SRIVASTAVA	1819950084	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	31	2	33	94
33	SHUBHAM SINGH	1819950085	P	A	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	A	P	P	P	P	P	27	6	33	82
34	SIMRAN PARVAIZ	1819950087	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	31	2	33	94
35	SMRITI PANT	1819950088	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P	31	2	33	94	

36 TANISHKA	1819950090	P A P P P P P P P P P P A P P P P P 32 1 33 97
37 TANYA TANDON	1819950092	P A P P P P P P P P P P P P 31 2 33 94
38 TARKIK TYAGI	1819950093	P A P P P P P P P P P P 31 2 33 94
39 TUSHAR CHOPRA	1819950094	P A P A P P P P 31 2 33 94
40 VAISHALI ANAND	1819950095	P P A P A P P P P 28 5 33 85
41 VANDANA YADAV	1819950096	A A A P P A A P A A P P P P P P P P P P P 26 7 33 79
42 VARTIKA SWARNKAR	1819950097	P P P P P P A P A P A P P 31 2 33 94
43 VASHU TYAGI	1819950098	P A P P A P A P A P P 31 2 33 94
44 VIBHANSHU JAISWAL	1819950099	A A P P P P P A A A P P P P P P P P P P P P P P P P P P A A A P P P P A P P P P P A P P 26 7 33 79
45 VIRAT CHAUHAN	1819950100	A P A P P P A P P P 29 4 33 88
46 YUKTA	1819950101	P A P P A A P P P 29 4 33 88
47 HARIOM SHARMA	1.90199E+12	A A P 30 3 33 91



Date: 07.12.2019

**KIET School of Pharmacy**  
**Additional Skills**

**Subject: Medical Coding**

**Subject Code: KASP301A**

**Academic session: 2019-20 (Odd semester)**

**Course Objective**

This course covers various aspects of Medical Coding, Medical definitions and terminology including pronunciation and use of medical prefixes with -ICD-10/11 and CPT codes.

**Course curriculum**

**UNIT-I**

US medical facilities, responsibilities of Medical coders and Billers, career opportunities available to medical coding and billing specialists. Root words, prefixes and suffixes for medical terms. Common medical abbreviations, symbols and plural words. This lesson also discusses special terms such as eponyms, acronyms, homophones, and antonyms.

**UNIT-II**

Documenting Medical Records, recognize the various types of dictation formats, management of medical records, Concepts of ethics, compliance, fraud, and abuse and teaches students how these concepts apply to medial coding specialists.

**UNIT-III**

ICD-9-CM Coding Manual Introduction, handle abbreviations, cross references, and punctuation when coding, and they gain an introduction to Volumes I and II of the ICD-9/10-CM,ICD-9/10-CM Coding from Infections to Blood Diseases,ICD-9/10-CM Coding from Mental Disorders to the Respiratory System.

**UNIT-IV**

ICD-9-CM Coding from Symptoms to Complications, V Codes, E Codes and ICD-9/10-CM Coding Practicum, ICD-9/10-CM Coding from the Digestive System to Pregnancy, ICD-9/10-CM Coding from the Skin to Conditions of the Perinatal Period.

## UNIT-V

CPT Coding, difference between CPT and HCPCS codes, structure and format of the CPT coding manual, as well as the basic steps of CPT coding. 2. CPT Coding from the Integumentary System, CPT Coding from the Reproductive Systems to the Operating Microscope, CPT Coding for Radiology, Pathology, Medicine and Anesthesia, CPT Coding Evaluation and Management Services, Comprehensive CPT Evaluation and Management, Comprehensive Surgery Coding, Comprehensive Musculoskeletal coding, Comprehensive Digestive System Coding, Comprehensive Urology and Reproductive system coding, Comprehensive Pulmonology and Cardiovascular coding.

### Assessment procedure

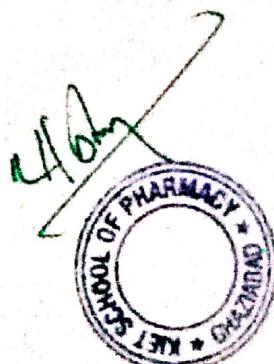
Outcome assessment is conducted at the end of semester in order to measure student's understanding. Assessment in form of quiz is also done at the end of the course to assess and award certificate.

### Outcomes

The certificate course has been designed to educate the students on the principles involved in the ICD-9/10 coding for various diseases and CPT codes for various surgical procedures.

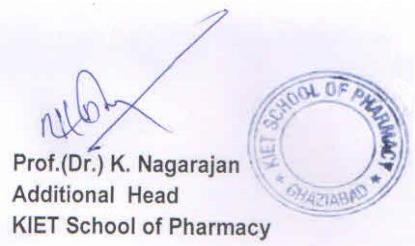
### The students shall be able:

1. To understand the fundamentals of Medical Coding.
2. To understand about the characteristics various types of medical codes.
3. To understand in detail about the codes and terminologies used for various diseases.
4. To improve the knowledge about coding techniques and its importance.
5. To know about the basics of V codes, E-codes and HCPCS.



Class	Name	University Roll no.	Attendance Record (2019-2020)																																		
			23-07-2019	02-08-2019	06-08-2019	09-08-2019	13-08-2019	16-08-2019	20-08-2019	27-08-2019	30-08-2019	03-09-2019	04-09-2019	04-09-2019	04-09-2019	06-09-2019	06-09-2019	07-09-2019	17-09-2019	17-09-2019	24-09-2019	24-09-2019	01-10-2019	01-10-2019	15-10-2019	21-10-2019	05-11-2019	05-11-2019	12-11-2019	Present	Absent	Total	Percentage				
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30					
1	AAKARSH GOEL	1819950001	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	A	A	24	6	30	80		
2	AAKRITI BHARDWAJ	1819950002	A	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	25	5	30	83	
3	ABHAY RAJ VERMA	1819950003	P	P	A	P	A	A	A	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	24	6	30	80	
4	ABHINAV SINGH	1819950004	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	28	2	30	93	
5	ABHISHEK CHAUDHARY	1819950005	A	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	A	P	P	P	P	P	P	P	21	9	30	70	
6	ADITYA SINGH	1819950006	A	P	A	P	A	A	A	A	A	A	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	A	A	19	11	30	63
7	AMAN RAWAT	1819950007	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	A	A	A	A	P	P	P	24	6	30	80	
8	AMBUJ MISHRA	1819950008	P	P	P	P	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A	A	A	P	P	P	A	22	8	30	73	
9	AMRITA GANTAYAT	1819950009	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	25	5	30	83		
10	ANAND MOHAN KUMHAR	1819950010	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	A	A	P	P	P	P	A	A	24	6	30	80	
11	ANANYA NAGAR	1819950011	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	2	30	93		
12	ANCHAL KUSHWAHA	1819950012	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	28	2	30	93	
13	ANKIT KUMAR YADAV	1819950013	P	P	A	P	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	A	A	P	P	P	23	7	30	77		
14	ANSHIKA SHARMA	1819950014	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	A	A	24	6	30	80			
15	ARCHIT GUPTA	1819950015	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	29	1	30	97		
16	ASHISH KUMAR SINGH	1819950016	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	26	4	30	87	
17	ASHUTOSH TIWARI	1819950017	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	25	5	30	83	
18	ASHUTOSH VERMA	1819950018	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	29	1	30	97		
19	ASTHA BISWAS	1819950019	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	26	4	30	87		
20	AYUSH ASTHANA	1819950020	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	2	30	93		
21	AYUSH RAGHAV	1819950021	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	26	4	30	87	
22	BHUPENDRA KUMAR YADAV	1819950022	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	A	P	P	P	P	P	P	27	3	30	90	
23	BRIJESH JAISWAL	1819950023	A	A	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	26	4	30	87	
24	DEEPSHIKHA	1819950024	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	0	30	100		
25	DEVVRAT YADAV	1819950025	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	A	A	24	6	30	80	
26	DHRUV KANSAL	1819950026	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	0	30	100	
27	DIVYAM GUPTA	1819950027	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	A	A	P	P	A	25	5	30	83	
28	DIVYANSH KUMAR JAISWAL	1819950028	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	2	30	93	
29	GARIMA SRIVASTAVA	1819950029	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A	A	P	A	A	P	A	A	21	9	30	70	
30	GOVIND BHARDWAJ	1819950030	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	26	4	30	87
31	HEMANT CHAUDHARY	1819950031	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	27	3	30	90	
32	HIMANSHU TOMAR	1819950032	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A	27	3	30	90	
33	HIYA JAIN	1819950033	P	P	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	26	4	30	87	
34	ISHIKA BINDAL	1819950034	P	P	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	25	5	30	83	

37 KAJAL	1819950037	A P A A P P P P A A P A P A A 22 8 30 73
38 KAVYA GUPTA	1819950038	P A A P P P P A A A 26 4 30 87
40 KM ANSHIKA SHARMA	1819950040	P 30 0 30 100
41 KRISHNA SINGH	1819950041	P P A P P P A P P P P P P P P P P P P P P A P A A P P P P P P P P A P 24 6 30 80
42 KSHITIZ SAHU	1819950042	P P P P P P A P A A 27 3 30 90
43 KSHITIZ AHLAWAT	1819950043	A P A P A A 26 4 30 87
44 MANDEEP BHARDWAJ	1819950044	P P P P A P 29 1 30 97
45 MANIK CHOUDHARY	1819950045	P A A 28 2 30 93
46 MANSI CHAUDHARY	1819950046	P P P P P P P A A P P P P P P P P P P P P P P P P P A P P P P A A P P A A 23 7 30 77
47 MANU CHAUDHARY	1819950047	P P P P P P P A P A A P P P P P P P P P P P P P P P A P P P P A A A P P A A 22 8 30 73
48 MISBAUDDIN	1819950048	P P P P P P P A A P P P P P P P P P P P P P P P P P A P P P P P P P A A A 25 5 30 83
50 MOHAMMAD ADIL	1819950050	P P A P A P P P A P P P P P P P P P P P P P P P P P P P A P P P P P P P 26 4 30 87



Prof.(Dr.) K. Nagarajan  
Additional Head  
KIET School of Pharmacy

Class Roll No	Name	University Roll no.	02-08-2019			05-08-2019			09-08-2019			16-08-2019			16-08-2019			19-08-2019			26-08-2019			30-08-2019			02-09-2019			04-09-2019			04-09-2019			06-09-2019			06-09-2019			07-09-2019			05-09-2019			06-09-2019			16-09-2019			20-09-2019			23-09-2019			27-09-2019			30-09-2019			04-10-2019			11-10-2019			12-10-2019			14-10-2019			01-11-2019			04-11-2019			Present	Absent	Total	Percentage
			1	2	3	4	5	6	7	8	9	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32																																																							
1	MOHAMMAD IFTIKHAR SEH	1819950051	A	A	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	24	8	32	75																																											
2	MOHD ASHHAR SUHAIL NON	1819950052	P	A	P	A	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	21	11	32	66																																													
3	MONU KUMAR	1819950053	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	2	32	94																																													
4	MUKUL TYAGI	1819950054	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	24	8	32	75																																														
5	NIHAL KUMAR	1819950056	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	4	32	88																																														
6	NIKHIL KUMAR SINGH	1819950057	A	P	P	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	24	8	32	75																																														
8	NISHANT SINGH	1819950059	P	A	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	24	8	32	75																																														
9	NITESH SHARMA	1819950060	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	27	5	32	84																																														
10	PAVAN YADAV	1819950061	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	27	5	32	84																																														
11	PRACHI GOYAL	1819950062	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	25	7	32	78																																														
12	PRADEEP KUMAR	1819950063	P	A	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	25	7	32	78																																														
13	PRIYANSHI UPADHYAY	1819950064	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	29	3	32	91																																														
14	RAHUL SINGH	1819950065	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	27	5	32	84																																														
15	RAJAT CHAUDHARY	1819950066	A	A	A	A	A	A	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	17	15	32	53																																														
16	RAMAKANT TIWARI	1819950067	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	29	3	32	91																																														
17	RAVI KUMAR SINGH	1819950068	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	24	8	32	75																																														
18	RISHABH BAJPAI	1819950069	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	24	8	32	75																																														
19	RISHI PRAKASH	1819950070	P	P	P	A	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	22	10	32	69																																														
20	RITVIKE SHUKLA	1819950071	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	27	5	32	84																																														
21	ROBIN SINGH	1819950072	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	24	8	32	75																																														
22	ROHIT TOMAR	1819950073	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	31	1	32	97																																														
23	SAGAR ATRI	1819950074	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	26	6	32	81																																														
24	SAHIL KUMAR SINGH	1819950075	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	4	32	88																																														
25	SAKSHAM RAI	1819950076	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	2	32	94																																														
26	SATYAM PATEL	1819950077	P	P	P	A	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	22	10	32	69																																														
27	SAURABH TIWARI	1819950078	P	P	P	A	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20	12	32	63																																														
28	SHALU CHOUDHARY	1819950079	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	31	1	32	97																																														
29	SHIVAM TYAGI	1819950080	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	29	3	32	91																																														
30	SHIVAM TYAGI	1819950081	P	P	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	26	6	32	81																																														
31	SHIVANI BHARDWAJ	1819950082	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	4	32	88																																														
32	SHIVANI BILLA	1819950083	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	2	32	94																																														
33	SHIVANSH SRIVASTAVA	1819950084	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	31	1	32	97																																														
34	SHUBHAM SINGH	1819950085	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	2	32	94																																														
35	SIMRAN PARVAIZ	1819950087	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	4	32	88																																														

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Date: 05.12.2019

## KIET School of Pharmacy

### Additional Skills

**Subject: Clinical Research**

**Subject Code: KASP501A**

**Academic session: 2019-20 (Odd semester)**

#### Curriculum

#### Topic covered:

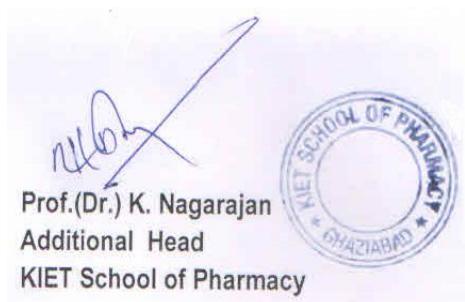
- Introduction to clinical research [CO-1]
- Clinical trial designs [CO-2]
- Regulations Governing Clinical Trials: India, USA & European union[CO-3]
- Indian GCP Guidelines and CDSCO guidelines for clinical trials[CO-3]
- Training on VigiFlow software [CO-4]
- Statistical methods in clinical trials [CO-5]

#### Evaluation:

1. Unit Tests
2. Final Assessment Test

#### Outcomes:

- The students were able to understand the basic concepts of Clinical Research
- The students came to know about the different phases of clinical trials
- They also learnt about various designs for clinical trials
- They were also exposed to the regulation for clinical studies
- They also understood the statistics for the clinical trials



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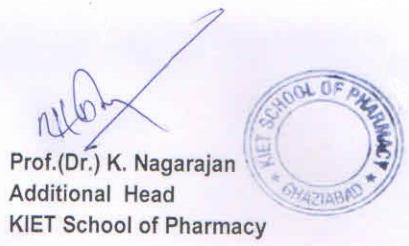
Class Roll No	Name	University Roll no.																																Present	Absent	Total	Percentage
			02-08-2019	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
1	AARTI	1719950001	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	31	0	31	100	
2	AARTI GUPTA	1719950002	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	1	31	97		
3	ABHISHEK SHARMA	1719950004	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	1	31	97		
4	ADITYA NARAYAN SINGH	1719950005	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	26	5	31	84	
5	AKANKSHA	1719950006	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	24	7	31	77	
6	AKANSHA PANDEY	1719950007	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	26	5	31	84	
7	AKASH TOMAR	1719950008	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	29	2	31	94
8	AKASH VISHWAKARMA	1719950009	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	27	4	31	87	
9	AMAN JAIN	1719950010	P	P	A	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	24	7	31	77	
10	AMAN YADAV	1719950011	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	3	31	90	
11	AAMIR MAJEED MIR	1719950012	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	24	7	31	77	
12	ANISH KUMAR YADAV	1719950013	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	3	31	90	
13	ANJU	1719950014	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	1	31	97	
14	ANUBHA ANDHIWAL	1719950015	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	28	3	31	90
15	ANUBHAV	1719950016	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	31	0	31	100
16	ARVIND BHAGAT	1719950017	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	26	5	31	84	
17	ASHISH CHAUBEY	1719950018	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	3	31	90	
18	ASHU PAL	1719950019	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	25	6	31	81	
19	AVISHEK KUMAR JHA	1719950020	P	P	A	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	3	31	90	
20	AYUSHI SAXENA	1719950021	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	24	7	31	77	
21	BHEEM CHANDRA KANNAUJIA	1719950022	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	24	7	31	77	
23	CHIRAG AGARWAL	1719950024	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	29	2	31	94	
24	DEEKSHA	1719950025	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	27	4	31	87	
26	DEV RAICHANDANI	1719950027	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	1	31	97	
27	DHRUV GAUR	1719950028	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	A	P	A	A	A	A	P	P	P	P	P	24	7	31	77	
28	DIVYA CHAUDHARY	1719950029	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	28	3	31	90	
29	GULSHAN	1719950030	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	24	7	31	77	
30	HARSH BANSAL	1719950031	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	1	31	97	
31	HIMANSHU SINGH	1719950032	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	24	7	31	77	
32	HIMANSHU YADAV	1719950033	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	3	31	90	
33	ISHANI VERMA	1719950034	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	26	5	31	84	
34	JAI KAPOOR	1719950035	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	29	2	31	94	
35	JASKARAN SINGH	1719950036	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	27	4	31	87	

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Class Roll No	Name	University Roll no.	23-07-2019	02-08-2019	06-08-2019	09-08-2019	13-08-2019	16-08-2019	20-08-2019	27-08-2019	30-08-2019	03-09-2019	03-09-2019	04-09-2019	04-09-2019	04-09-2019	06-09-2019	06-09-2019	07-09-2019	17-09-2019	17-09-2019	24-09-2019	24-09-2019	01-10-2019	01-10-2019	01-10-2019	15-10-2019	15-10-2019	21-10-2019	21-10-2019	25-11-2019	25-11-2019	12-11-2019	12-11-2019	Present	Absent	Total	Percentage
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30						
1	MOHD NOOREIN SIDDIQUE	1719950052	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	2	30	93				
2	MOHD SHADAB	1719950053	A	P	P	P	P	P	P	A	P	P	P	A	A	P	P	P	P	P	A	P	P	P	P	A	A	P	P	P	P	23	7	30	77			
3	NEHA GUPTA	1719950054	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	28	2	30	93				
4	NISHITA GUPTA	1719950055	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	28	2	30	93			
5	NUPUR CHOUDHARY	1719950056	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	A	P	P	P	P	P	P	P	P	23	7	30	77				
6	PARAS DOLIYA	1719950057	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A	A	A	P	P	P	P	23	7	30	77					
7	PARMINDER SINGH	1719950058	A	A	P	P	P	P	P	A	A	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	24	6	30	80				
8	PASHA ISHTIYAQ	1719950059	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P	A	A	A	P	P	P	P	P	24	6	30	80					
9	PINKI YADAV	1719950060	A	A	P	P	P	P	P	P	P	P	P	P	P	A	A	A	P	P	P	P	P	A	P	P	P	P	P	23	7	30	77					
10	PRAGYA SINGH	1719950061	A	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	A	A	P	P	A	P	P	P	23	7	30	77					
11	PRANAV	1719950062	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	2	30	93					
12	PRASHANT	1719950063	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	A	P	P	P	P	P	24	6	30	80						
13	PRATEEK GUPTA	1719950064	A	A	P	P	A	A	P	P	P	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	23	7	30	77						
14	PRATEEK YADAV	1719950065	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	A	P	P	P	P	P	25	5	30	83					
15	PRAVEEN KUMAR PATEL	1719950066	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	2	30	93					
16	PREEYA NEGI	1719950067	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	29	1	30	97					
17	PRIYANKA GARG	1719950068	A	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	A	P	P	P	P	P	24	6	30	80					
18	PUNIT JAIN	1719950069	A	A	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	26	4	30	87					
19	RAJAT GOSWAMI	1719950070	A	A	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	26	4	30	87					
20	RAMSAJEEVAN CHAURASIYA	1719950071	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	27	3	30	90					
21	RASHMI JAISWAL	1719950072	A	A	P	P	A	A	P	A	P	P	P	P	P	P	P	P	P	A	P	A	P	P	P	P	P	P	P	23	7	30	77					
22	RATIKA BIRLA	1719950073	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	26	4	30	87					
23	ROHIT	1719950074	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	27	3	30	90					
24	RUCHI SHAKYA	1719950075	A	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	A	A	P	A	P	P	P	P	P	P	23	7	30	77					
25	SAGR PANWAR	1719950076	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	A	A	P	P	P	P	P	24	6	30	80					
26	SANJHI SHARMA	1719950077	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	A	P	P	P	P	P	P	P	25	5	30	83					
27	SANJIV KUMAR YADAV	1719950078	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	26	4	30	87					
28	SHASHANK RATHI	1719950080	A	A	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P	P	P	P	24	6	30	80					
29	SHIVMANGALAM MISHRA	1719950081	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	29	1	30	97					
30	SHRUTIKA SHARMA	1719950082	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	A	P	P	P	P	P	P	P	25	5	30	83					
32	SHUBHAM GAUTAM	1719950084	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	24	6	30	80					
33	SHUBHAM SHUKLA	1719950085	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	A	P	P	P	P	P	P	P	24	6	30	80					
34	SHUBHAM TYAGI	1719950086	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	29	1	30	97					
35	SRSHTI MISHRA	1719950087	A	A	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	25	5	30	83					

36 SRSHTI DADHEECH	1719950088	A P P P A A P P P P P P P A A A P P A P P P P P P P P P P P P P P P P 23 7 30 77
37 SUDHANSU MISHRA	1719950089	A A A A P P P P A P P P P P P P P P P P A P P P P P P P P P P P P 24 6 30 80
38 SUMIT KUMAR	1719950090	P A A A P P P P P P P P P P P P P P 27 3 30 90
39 TANYA SINGH	1719950091	P P P P A A A P P P P A P P P P P P P P P P P P P P P P P P A P P A P P P P P 25 5 30 83
40 TARUN SHISHODIA	1719950092	A P 29 1 30 97
42 VAIBHAV KUMAR KANNAUJIYA	1719950094	A A P P A A A P P P P P P P P P P P P P P P P P P P A A A A P P P P P P P P 23 7 30 77
43 VANSHIKA BHARDWAJ	1719950095	P P P P A A A P P P P P P P P P P P P P P P A A A P A P P P P P P P P P P P P 25 5 30 83
44 VIMAL SAHAY	1719950096	P A A A A P P P P P P A P P P 26 4 30 87
45 VIMAL SHARMA	1719950097	A A P P P P A A A A P P P P P P P P P P P P P P P P P P A A A P P P P P P 23 7 30 77
46 VIMLESH PANWAR	1719950098	P A P P A P P P P P P 28 2 30 93
47 VISHAL SHARMA	1719950099	P P P P P P P P P A A A P P P P P P P P P P P P P P P P A P A A A P A P P P 24 6 30 80
48 VISHESH KUMAR	1719950100	A A P P P P P P P P A P P P A A A P 25 5 30 83
49 YASH DHARIWAL	1719950101	P A A A A A A P P P P P P P P P P A P P P P P P P P P P P P P P P P P P P 24 6 30 80
50 YOGITA KAUSHIK	1719950102	A P A P A A A A A P P A P P P P 23 7 30 77



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