

King George's Medical University U.P. Lucknow

Faculty of Paramedical Sciences



DEPARTMENT OF TRANSFUSION MEDICINE

DIPLOMA IN BLOOD TRANSFUSION TECHNICIAN

Nodal Officer - Dr. Tulika Chandra, Professor & Head

Teacher Assistant - Mr. Deepanshu Yadav

Computer operator – Mr. Shan Ahmad

Diploma In Blood Transfusion Technician

Batch	Total No. of Seat	No. of Admitted Student
2017-2019	30	16
2019-2021	38	21
2020-2022	38	11

Passed Students List Batch: 2017-19

- | | |
|--------------------|------------------------|
| 1. Ruby Yadav | 9. Ramawtar |
| 2. Deepak Kumar | 10. Ritesh Kumar Rawat |
| 3. Deepanshu Yadav | 11. Pavan Kumar Yadav |
| 4. Hunney Patel | 12. Divya Srivastava |
| 5. Sudha Maurya | 13. Sapna Devi |
| 6. Suresh Singh | 14. Manju Yadav |
| 7. Preeti Pandey | 15. Aditya Kumar |
| 8. Richa Shukla | 16. Priyanka Yadav |

Students List Batch: 2019-21

- | | | |
|------------------------|---------------------|---------------------|
| 1. Vandana Verma | Singh | 20. Trimohan Bharti |
| 2. Amit Chaudhary | 11. Kumari Komal | 21. Adarsh Shukla |
| 3. Arpita Yadav | 12. Komal Kumari | |
| 4. Rubina Khatoon | 13. Jasmin Pal | |
| 5. Kavita Verma | 14. Alok Kumar | |
| 6. Priyanka Gupta | 15. Sangeeta Yadav | |
| 7. Akash Verma | 16. Amandeep Mishra | |
| 8. Mamta Gupta | 17. Rahul Bharti | |
| 9. Arunendra Singh | 18. Mohd. Farookh | |
| 10. Chaudhary Janvejar | 19. Priyanshi Gupta | |

Students List Batch: 2020-22

- | | |
|---------------------------|-------------------|
| 1. Kumari Ditya Nigam | 8. Kumari Pragati |
| 2. Divyanshi Shahi | 9. Kapil Yadav |
| 3. Harendra | 10. Sonal |
| 4. Smita Bharti
Sharma | 11. Nilakshi |
| 5. Vishal Pandey | |
| 6. Maya Kumari | |
| 7. Sadhana Rajvanshi | |

Posting In Different Labs
From - 09:00 Am To 05:00 Pm

Sr. No.	NAME OF LAB
1.	Blood Donation Area
2.	Medical Fitness Room
3.	Hemoglobin Automated Cell Counter
4.	Apheresis Area
5.	Serology Lab
6.	Antibody Screening Lab
7.	Blood Component Lab
8.	Transfusion Transmitted Infection Lab
9.	Nucleic Acid Amplification Test
10.	Blood Component Supply Counter
11.	Reception

Posting In Different Wards
From - 09:00 Am To 05:00 Pm

S. NO.	Department
1.	Department of Obstetrics and Gynaecology
2.	Department of Surgery
3.	Department of Orthopaedics
4.	Department of Medicine

Modified Lecture Schedule

King George's Medical University UP Lucknow

KGMU Institute of Paramedical Sciences

Department of Transfusion Medicine

Diploma in Blood Transfusion Technician 1st Year (2020-21)

Lecture Schedule of DBTT 1st year Students

S. No.	Topic
1	Orientation to Blood Banking in Transfusion Medicine
2	History of Blood Transfusion
3	Blood Composition and its Functions
4	Infrastructure Development in Blood Banks
5	Anticoagulants and its role in Blood Banking
6	Origin, Development and Morphology of Blood Cells
7	Blood Bags
8	Blood Donor Selection - I
9	Blood Coagulation System
10	HB Screening of Blood Donor
11	Blood Donor Selection - II
12	ABO Blood Group System
13	Process of Whole Blood Donation
14	Adverse Donor Reactions
15	Techniques of Blood Grouping
16	PRBCs - Types, Indications, Storage & Transportation
17	FPP - Types, Indications, Storage & Transportation
18	Transfusion Reactions - Types & Management - I
19	Bed Side Transfusion Practices
20	Platelets - Types, Indications, Storage & Transportation
21	Post Donation Call & Adverse Reaction Management
22	Transfusion Reactions - Types & Management - II
23	Component Preparation
24	Transfusion Reaction Workup
25	TTI : General
26	Rh & other Blood Group Systems
27	Techniques in TTI :- ELISA
28	HBV
29	Techniques of X-Matching
30	Autologous Transfusion
31	HCV

King George's Medical University UP Lucknow

KGMU Institute of Paramedical Sciences

Department of Transfusion Medicine

Diploma in Blood Transfusion Technician 2nd Year (2020-21)

Lecture Schedule of DBTT 1st year Students

S.No.	Topic
32	Antigen & Antibody
33	Bio Medical Waste (BMW)
34	Rational Use of Blood
35	X-Matching - Incompatibility Workup
36	Irradiation
37	Techniques in TTI :- Chemiluminescence/NAT
38	Coombs Test
39	Blood Alternatives
40	Quality Control (Q.C.)
41	Shyphilis/Malaria
42	Washed RBCs
43	Exchange Transfusion & Intrauterine Transfusion (IUT)
44	Apheresis - I
45	Granulocytes & Its Importance in Transfusion Medicine
46	Hospital Transfusion Committee
47	Apheresis - II
48	Automated Cell Counter
49	Stem Cell
50	Storage Lesions of Blood Component
51	Transfusion Support in Multiple Transfused Patients
52	Cord Blood
53	Transfusion in Neonates & Paediatrics Population
54	Sterilization
55	Lab Safety
56	Inventory Management
57	Autoclaving
58	Computerization in Blood Bank
59	Indication of Blood Transfusion
60	X-Matching
61	Storage of Blood Component Chemiluminescence
62	NAAT Testing
63	Quality Control of FFP
64	Quality Control of Platelets
65	Apheresis Indication
66	Apheresis Techniques
67	Automated Cell Counter - Uses & Functions

Practical:

- I. Pre-Donation Donor Care
- II. Donor Selection
- III. Hemoglobin Testing
- IV. Phlebotomy
- V. Post Donation Donor Care
- VI. Blood Grouping Tube Method
- VII. Immediate Spin Crossmatch
- VIII. AHG Phase Crossmatch
- IX. Gel Card Crossmatch


Format of Posting Schedule

Department of Transfusion Medicine
King George's Medical University Lucknow UP
Schedule of posting in the various Laboratory for 01-02-2020 to 29-02-2020
Diploma in Blood Transfusion Technician (1st Year)

Timing : 9:00 AM to 5:00 PM

S.No.	Name of Lab	Date: 13.02.20 to 18.02.20	Date: 19.02.20 to 24.02.20	Date: 25.02.20 to 29.02.20
1	Donation Area	D	A	C
2	HB	E	E	E
3	Reception	E	E	E
4	Component	B	C	A
5	X Matching	C	B	D
6	TTI	A	D	B

Group	Students Name	
A	Vikas Tripathi	Trimohan Bharti
B	Km Manisha	Rahul Bharti
C	Mohd Farukh	Jyoti Mishra
D	Km Sangeeta	Adarsh Shukla
E	Aman Deep Mishra	


Prof. Tulika Chandra
 Head

Dept. Of Transfusion Medicine
 King George's Medical University Lucknow, UP

C.C.
 Dean, Paramedical Cell, KGMU, Lucknow


King George's Medical University U.P. Lucknow
KGMU Institute of Paramedical Sciences
Diploma in Blood Transfusion Technician

Schedule of Posting in the various department of
KGMU from 13.11.2019 to 28.11.2019

Timing: 9:30 Am to 5:00 PM

S. No.	Department	Group
1	Dept. of Surgery	D
2	Dept. of Medicine	C
3	Dept. of Obst Gynae	B
4	Dept. of Orthopedics	A

Group	Student Name	
A	Ruby Yadav	Deepak Kumar
B	Deepanshu Yadav	Hunney Patel
C	Suresh Singh	Sudha Maurya
D	Preeti Pandey	Ramawatar


Prof. Tulika Chandra
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Department of Transfusion Medicine
 King George's Medical University U.P. Lucknow

Teaching Facility

- **Online Lecture due to Covid-19**
- **Projector**
- **Seminar Room**
- **Drinking water Available**

KGMU, Faculty of Paramedical Sciences U.P., Lucknow

Demonstration



Extra Activities

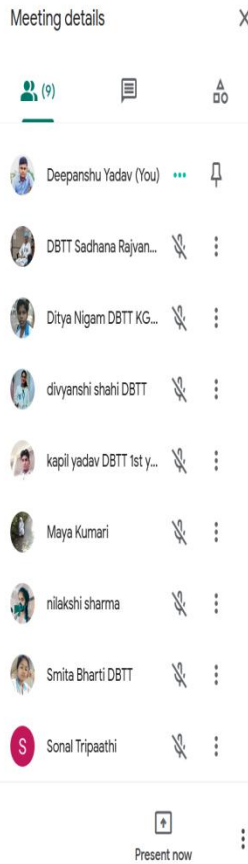
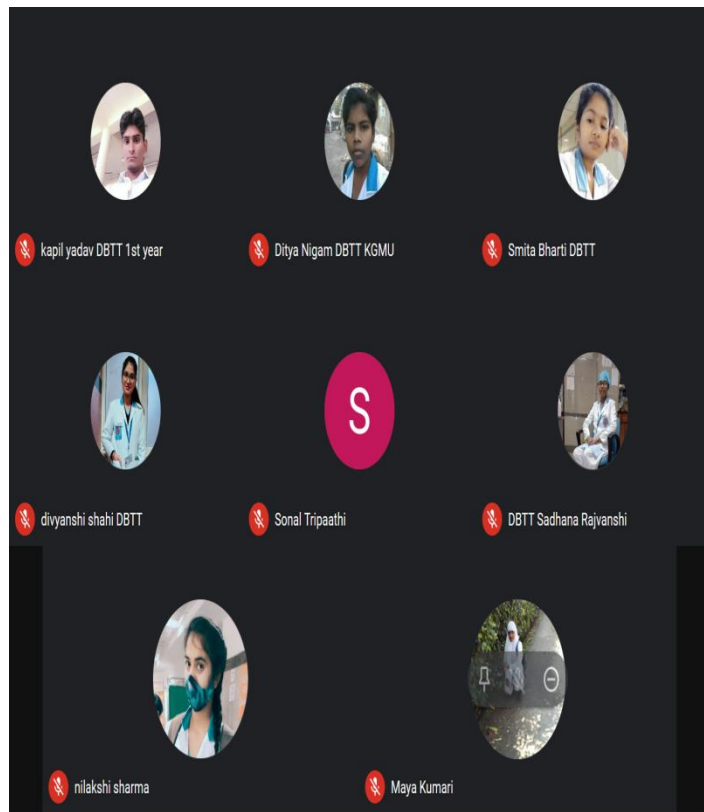


World Blood Donor Day



Blood Donation Camp In Governor House





Online Class

BMW Awareness Programme

Message Of Nodal Officer

For DBTT Students:-

- **Trained manpower for blood banks**
- **Improve quality of service**

- Dr. Tulika Chandra

KGMU, Faculty of Paramedical Sciences U.P., Lucknow

Nodal Officer Research Work

- **Covid antibody testing**
- **Platelet functions studies**
- **Stem Cell Studies**
- **Transfusion Transmitted Infections studies**

- Dr. Tulika Chandra

Placement

S.No .	Total No. of Students	No. of Student Placed	Institution
1.	16	8	KGMU

LINKS

- <https://goo.gl/maps/ubHJdr9gkDYg4Z3UA> (Teaching Block Kalam Centre)
- <https://goo.gl/maps/FxhAtrat76bGxw1FA> (Administrative Block)
- <https://goo.gl/maps/U3Px1XR5YHCKjHqy5> (Cafeteria)
- <https://goo.gl/maps/QZ9s9xnvSiVMJXyi7> (Brown Hall KGMU)
- <https://goo.gl/maps/9v44B1DRmSzpbDww8> (Atal Bihari Vajpayee Convention Centre)
- <https://goo.gl/maps/i7mB1CFGDoChcv41A> (Department Of Pathology)
- <https://goo.gl/maps/xCoMkR5eN8qAPrat7> (Department Of Microbiology)
- <https://goo.gl/maps/GVFrVfMryLVxsL7k7> (Gandhiward KGMU)
- <https://goo.gl/maps/85kwouaPsGd2HEim6> (Department Of General Surgery)
- <https://goo.gl/maps/TvExugsrAZ7GFRSPA> (Lari Cardiology)
- <https://goo.gl/maps/ziERanEDFtr8Kg1W8> (Radio diagnosis)
- <https://goo.gl/maps/KdU3Gh9DaLZzhfzc7> (Ophthalmology)

LINKS-

<https://goo.gl/maps/FwyfWSYgmPQk8EiS9> -(Shatabdi Phase2)

<https://goo.gl/maps/YRtaDMRfbPPVSpdr9> -(Trauma Centre)

<https://goo.gl/maps/cKyynmZSJFccZWZ49> -(Shatabdi DBTT)

<https://goo.gl/maps/B3ejYAaUyyHrBbDX6> -(Sp Ground)

<https://goo.gl/maps/VWmLjbKuugaexKAP8> (Department Of Community Medicine)

<https://goo.gl/maps/S7yCAfHKdUx57bV19> (Department Of Physical Medicine And Rehabilitation)

<https://goo.gl/maps/C3BmB2gU1oYLjAQR7> (Department Of Anatomy)