

Name of the Department : Department of Transfusion Medicine, GMCH, Chandigarh

Sr. No.	Name of Faculty	Designation	Publications	H / Index
1.	Dr. Ravneet Kaur	Prof & Head	<ul style="list-style-type: none"> • Kaur M, Kaur R, Sood T, Jindal G, Kaur P, Mittal K. Efficacy of packed red blood cell transfusions based on weight versus formula in thalassemic children: An open-label randomized control trial. <i>Transfusion</i>. 2022 Apr;62(4):791-796. • Chinigi Sab P, Kaur G, Kaur P, Tahlan A, Bedi RK, Mittal K, Sood T. Assessment of serum iron stores in regular plateletpheresis donors. <i>Transfus Apher Sci</i>. 2022 Feb;61(1):103291. • Suria N, Kaur R, Mittal K, Palta A, Sood T, Kaur P, Kaur G. Utility of reticulocyte haemoglobin content and immature reticulocyte fraction in early diagnosis of latent iron deficiency in whole blood donors. <i>Vox Sang</i>. 2022 Apr;117(4):495-503. • Kaur P, Bedi RK, Mittal K, Sood T. Exploring the unseen effect of COVID 19 pandemic on blood transfusion services in a tertiary care centre. <i>Transfus Apher Sci</i>. 2023 Apr;62(2):103569. • Kaur A, Kaur R, Sood T, Malhotra A, Arun P, Mittal K, Kaur P, Kaur G, Prakash K. Physiological and psychological stress response of blood donors during the blood donation process. <i>Vox Sang</i>. 2023 Oct 13. doi: 10.1111/vox.13541. • Gupta C, Mittal K, Kaur R, Kaur J, Sood T, Kaur G, Kaur P. Evaluation of chemiluminescence immunoassay as a 	H-Index = 15 i10- Index = 19

			<p>screening test for syphilis on blood donor samples. <i>Transfus Apher Sci.</i> 2023 Dec;62(6):103836. doi: 10.1016/j.transci.2023.103836.</p> <ul style="list-style-type: none"> Parmar A, Kaur P, Sood T, Kaur R, Mittal K, Kaur G, Muraleedharan V, Aashiqueen N. Association of blood donor characteristics with hemoglobin content in leukoreduced packed red blood cells. <i>Transfus Clin Biol.</i> https://doi.org/10.1016/j.tracli.2023.08.006 Dhawan B, Mittal K, Kaur P, Jaswal S, Tahlan A, Kaur R, Sood T, Kaur G, Rohilla R. Association of blood donor characteristics and in vitro haemolysis of packed red blood cell concentrates during storage. <i>Vox Sang.</i> 2023 Aug 2. doi: 10.1111/vox.13507. Kaur R, Mittal K, Cheema RK, Gupta S, Sood T, Kaur P. Association of blood donor characteristics with in vitro platelet storage properties. <i>Transfus Apher Sci.</i> 2023 Jun 1:103746. doi: 10.1016/j.transci.2023.103746. Bhatia S, Kaur P, Kaur G, Tahlan A, Saini V, Bedi R, Mittal K, Sood T. Revisiting the impact of serial therapeutic phlebotomy in polycythaemia on laboratory and clinical parameters using a fixed interval and fixed volume protocol. <i>Transfus Clin Biol.</i> 2023 Feb;30(1):63-68 	
2.	Dr. Gagandeep Kaur	Professor	<ul style="list-style-type: none"> Chinigi Sab P, Kaur G, Kaur P, Tahlan A, Bedi RK, Mittal K, Sood T. Assessment of serum iron stores in regular plateletpheresis donors. <i>Transfus Apher Sci.</i> 2022 Feb;61(1):103291. 	H-Index = 11 i10- Index = 12

- Suria N, Kaur R, Mittal K, Palta A, Sood T, Kaur P, **Kaur G**. Utility of reticulocyte haemoglobin content and immature reticulocyte fraction in early diagnosis of latent iron deficiency in whole blood donors. *Vox Sang.* 2022 Apr;117(4):495-503.
- Gupta C, Mittal K, Kaur R, Kaur J, Sood T, **Kaur G**, Kaur P. Evaluation of chemiluminescence immunoassay as a screening test for syphilis on blood donor samples. *Transfus Apher Sci.* 2023 Dec;62(6):103836. doi: 10.1016/j.transci.2023.103836
- Dhawan B, Mittal K, Kaur P, Jaswal S, Tahlan A, Kaur R, Sood T, **Kaur G**, Rohilla R. Association of blood donor characteristics and in vitro haemolysis of packed red blood cell concentrates during storage. *Vox Sang.* 2023 Aug 2. doi: 10.1111/vox.13507.
- Kaur A, Kaur R, Sood T, Malhotra A, Arun P, Mittal K, Kaur P, **Kaur G**, Prakash K. Physiological and psychological stress response of blood donors during the blood donation process. *Vox Sang.* 2023 Oct 13. doi: 10.1111/vox.13541.
- Bhatia S, Kaur P, **Kaur G**, Tahlan A, Saini V, Bedi R, Mittal K, Sood T. Revisiting the impact of serial therapeutic phlebotomy in polycythaemia on laboratory and clinical parameters using a fixed interval and fixed volume protocol. *Transfus Clin Biol.* 2023 Feb;30(1):63-68
- Parmar A, Kaur P, Sood T, Kaur R, Mittal K, **Kaur G**, Muraleedharan V, Aashiqueen N. Association of blood donor

			<p>characteristics with hemoglobin content in leukoreduced packed red blood cells. Transfus Clin Biol. https://doi.org/10.1016/j.tracli.2023.08.006</p> <p>.</p>	
3.	Dr. Paramjit Kaur	Professor	<ul style="list-style-type: none"> • Chinigi Sab P, Kaur G, Kaur P, Tahlan A, Bedi RK, Mittal K, Sood T. Assessment of serum iron stores in regular plateletpheresis donors. <i>Transfus Apher Sci.</i> 2022 Feb;61(1):103291. • Suria N, Kaur R, Mittal K, Palta A, Sood T, Kaur P, Kaur G. Utility of reticulocyte haemoglobin content and immature reticulocyte fraction in early diagnosis of latent iron deficiency in whole blood donors. <i>Vox Sang.</i> 2022 Apr;117(4):495-503. • Kaur M, Kaur R, Sood T, Jindal G, Kaur P, Mittal K. Efficacy of packed red blood cell transfusions based on weight versus formula in thalassemic children: An open-label randomized control trial. <i>Transfusion.</i> 2022 Apr;62(4):791-796. • Bhatia S, Kaur P, Kaur G, Tahlan A, Saini V, Bedi R, Mittal K, Sood T. Revisiting the impact of serial therapeutic phlebotomy in polycythaemia on laboratory and clinical parameters using a fixed interval and fixed volume protocol. <i>Transfus Clin Biol.</i> 2023 Feb;30(1):63-68 • Kaur P, Bedi RK, Mittal K, Sood T. Exploring the unseen effect of COVID 19 pandemic on blood transfusion services in a tertiary care centre. <i>Transfus Apher Sci.</i> 2023 Apr;62(2):103569. • Parmar A, Kaur P, Sood T, Kaur R, Mittal K, Kaur G, Muraleedharan V, Aashiqueen N. Association of blood donor 	<p>H-Index = 13</p> <p>i10- Index = 14</p>

			<p>characteristics with hemoglobin content in leukoreduced packed red blood cells. <i>Transfus Clin Biol.</i> https://doi.org/10.1016/j.tracli.2023.08.006</p> <ul style="list-style-type: none"> • Dhawan B, Mittal K, Kaur P, Jaswal S, Tahlan A, Kaur R, Sood T, Kaur G, Rohilla R. Association of blood donor characteristics and in vitro haemolysis of packed red blood cell concentrates during storage. <i>Vox Sang.</i> 2023 Aug 2. doi: 10.1111/vox.13507. • Kaur A, Kaur R, Sood T, Malhotra A, Arun P, Mittal K, Kaur P, Kaur G, Prakash K. Physiological and psychological stress response of blood donors during the blood donation process. <i>Vox Sang.</i> 2023 Oct 13. doi: 10.1111/vox.13541. • Gupta C, Mittal K, Kaur R, Kaur J, Sood T, Kaur G, Kaur P. Evaluation of chemiluminescence immunoassay as a screening test for syphilis on blood donor samples. <i>Transfus Apher Sci.</i> 2023 Dec;62(6):103836. doi: 10.1016/j.transci.2023.103836 • Kaur R, Mittal K, Cheema RK, Gupta S, Sood T, Kaur P. Association of blood donor characteristics with in vitro platelet storage properties. <i>Transfus Apher Sci.</i> 2023 Jun 1:103746. doi: 10.1016/j.transci.2023.103746. 	
4.	Dr. Kshitija Mittal	Assistant Professor	<ul style="list-style-type: none"> • Chinigi Sab P, Kaur G, Kaur P, Tahlan A, Bedi RK, Mittal K, Sood T. Assessment of serum iron stores in regular plateletpheresis donors. <i>Transfus Apher</i> 	H-Index = 09 i10- Index = 07

		<p>Sci. 2022 Feb;61(1):103291.</p> <ul style="list-style-type: none"> • Suria N, Kaur R, Mittal K, Palta A, Sood T, Kaur P, Kaur G. Utility of reticulocyte haemoglobin content and immature reticulocyte fraction in early diagnosis of latent iron deficiency in whole blood donors. <i>Vox Sang.</i> 2022 Apr;117(4):495-503. • Kaur M, Kaur R, Sood T, Jindal G, Kaur P, Mittal K. Efficacy of packed red blood cell transfusions based on weight versus formula in thalassemic children: An open-label randomized control trial. <i>Transfusion.</i> 2022 Apr;62(4):791-796. • Bhatia S, Kaur P, Kaur G, Tahlan A, Saini V, Bedi R, Mittal K, Sood T. Revisiting the impact of serial therapeutic phlebotomy in polycythaemia on laboratory and clinical parameters using a fixed interval and fixed volume protocol. <i>Transfus Clin Biol.</i> 2023 Feb;30(1):63-68 • Kaur P, Bedi RK, Mittal K, Sood T. Exploring the unseen effect of COVID 19 pandemic on blood transfusion services in a tertiary care centre. <i>Transfus Apher Sci.</i> 2023 Apr;62(2):103569. • Kaur P. Evaluation of chemiluminescence Gupta C, Mittal K, Kaur R, Kaur J, Sood T, Kaur G, immunoassay as a screening test for syphilis on blood donor samples. <i>Transfus Apher Sci.</i> 2023 Dec;62(6):103836. doi: 10.1016/j.transci.2023.103836. • Kaur R, Mittal K, Cheema RK, Gupta S, Sood T, Kaur P. Association of blood donor characteristics with in vitro platelet storage properties. <i>Transfus Apher Sci.</i> 2023 Jun 1:103746. doi: 10.1016/j.transci.2023.103746. 	
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5.	Dr. Tanvi Sood	Assistant Professor	<ul style="list-style-type: none"> • Chinigi Sab P, Kaur G, Kaur P, Tahlan A, Bedi RK, Mittal K, Sood T. Assessment of serum iron stores in regular plateletpheresis donors. <i>Transfus Apher Sci.</i> 2022 Feb;61(1):103291. • Suria N, Kaur R, Mittal K, Palta A, Sood T, Kaur P, Kaur G. Utility of reticulocyte haemoglobin content and immature reticulocyte fraction in early diagnosis of latent iron deficiency in whole blood donors. <i>Vox Sang.</i> 2022 Apr;117(4):495-503. • Kaur M, Kaur R, Sood T, Jindal G, Kaur P, Mittal K. Efficacy of packed red blood cell transfusions based on weight versus 	H-Index = 08 i10- Index = 07

		<p>formula in thalassemic children: An open-label randomized control trial. Transfusion. 2022 Apr;62(4):791-796.</p> <ul style="list-style-type: none"> • Bhatia S, Kaur P, Kaur G, Tahlan A, Saini V, Bedi R, Mittal K, Sood T. Revisiting the impact of serial therapeutic phlebotomy in polycythaemia on laboratory and clinical parameters using a fixed interval and fixed volume protocol. Transfus Clin Biol. 2023 Feb;30(1):63-68 • Kaur P, Bedi RK, Mittal K, Sood T. Exploring the unseen effect of COVID 19 pandemic on blood transfusion services in a tertiary care centre. Transfus Apher Sci. 2023 Apr;62(2):103569. • Kaur A, Kaur R, Sood T, Malhotra A, Arun P, Mittal K, Kaur P, Kaur G, Prakash K. Physiological and psychological stress response of blood donors during the blood donation process. Vox Sang. 2023 Oct 13. doi: 10.1111/vox.13541. • Parmar A, Kaur P, Sood T, Kaur R, Mittal K, Kaur G, Muraleedharan V, Aashiqeen N. Association of blood donor characteristics with hemoglobin content in leukoreduced packed red blood cells. Transfus Clin Biol. https://doi.org/10.1016/j.tracli.2023.08.006 • Gupta C, Mittal K, Kaur R, Kaur J, Sood T, Kaur G, Kaur P. Evaluation of chemiluminescence immunoassay as a screening test for syphilis on blood donor samples. Transfus Apher Sci. 2023 Dec;62(6):103836. doi: 10.1016/j.transci.2023.103836. • Kaur R, Mittal K, Cheema RK, Gupta S, Sood T, Kaur P. Association of blood 	
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			<p>donor characteristics with in vitro platelet storage properties. <i>Transfus Apher Sci</i>. 2023 Jun 1:103746. doi: 10.1016/j.transci.2023.103746.</p> <ul style="list-style-type: none"> • Dhawan B, Mittal K, Kaur P, Jaswal S, Tahlan A, Kaur R, Sood T, Kaur G, Rohilla R. Association of blood donor characteristics and in vitro haemolysis of packed red blood cell concentrates during storage. <i>Vox Sang</i>. 2023 Aug 2. doi: 10.1111/vox.13507. 	
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Sr. No.	Name of Faculty	Name of Book	ISBN No.	Name of Publisher	Year of Publication
1.	Dr. Ravneet Kaur	<ul style="list-style-type: none"> • Author of “Hemovigilance “ chapter in Transfusion Medicine for Medical Laboratory Technologists. • Editor of Transfusion Medicine Technical Manual, NBTC and Blood Transfusion Services Division, Directorate General of Health 	9789374737453	<p>AITBS Publishers, India</p> <p>NBTC and Blood Transfusion Services Division, Directorate General of Health Services,</p>	<p>First edition 2023</p> <p>Third edition 2023</p>

		<p>Services, Ministry of Health and family welfare, Government of India.</p> <ul style="list-style-type: none"> ● Co-author of chapter on “Component Preparation and Storage” in Medicine Technical Manual, NBTC and Blood Transfusion Services Division, Directorate General of Health Services, Ministry of Health and family welfare, Government of India 		<p>Ministry of Health and family welfare, Government of India.</p> <p>NBTC and Blood Transfusion Services Division, Directorate General of Health Services, Ministry of Health and family welfare, Government of India.</p>	Third edition 2023
2.	Dr. Paramjit Kaur	<ul style="list-style-type: none"> ● Co-author of “Hemovigilance “ chapter in Transfusion Medicine for Medical Laboratory Technologists. 	9789374737 453	AITBS Publishers, India	First edition 2023
3.	Dr. Kshitija Mittal	<ul style="list-style-type: none"> ● Co-author of “Hemovigilance “ chapter in Transfusion Medicine for Medical Laboratory Technologists. ● Assistant Editor of 	9789374737 453	AITBS Publishers, India	First edition 2023

		<p>Transfusion Medicine Technical Manual, NBTC and Blood Transfusion Services Division, Directorate General of Health Services, Ministry of Health and family welfare, Government of India.</p> <ul style="list-style-type: none"> • Co-author of chapter on “Component Preparation and Storage” in Transfusion Medicine Technical Manual, NBTC and Blood Transfusion Services Division, Directorate General of Health Services, Ministry of Health and family welfare, Government of India. 	<p>Blood Transfusion Services Division, Directorate General of Health Services, Ministry of Health and family welfare, Government of India.</p> <p>NBTC and Blood Transfusion Services Division, Directorate General of Health Services, Ministry of Health and family welfare, Government of India.</p>	<p>edition 2023</p> <p>Third edition 2023</p>	
4.	Dr. Tanvi Sood	<ul style="list-style-type: none"> • Co-author of “Hemovigilance “ chapter in Transfusion Medicine for Medical Laboratory 	9789374737 453	AITBS Publishers, India	First edition 2023

		<p>Technologists.</p> <ul style="list-style-type: none"> ● Assistant Editor of Transfusion Medicine Technical Manual, NBTC and Blood Transfusion Services Division, Directorate General of Health Services, Ministry of Health and family welfare, Government of India. <ul style="list-style-type: none"> ● Co-author of chapter on “Component Preparation and Storage” in Transfusion Medicine Technical Manual, NBTC and Blood Transfusion Services Division, Directorate General of Health Services, Ministry of Health and family welfare, Government of India. 	<p>NBTC and Blood Transfusion Services Division, Directorate General of Health Services, Ministry of Health and family welfare, Government of India.</p> <p>NBTC and Blood Transfusion Services Division, Directorate General of Health Services, Ministry of Health and family welfare, Government of India.</p>	<p>Third edition 2023</p> <p>Third edition 2023</p>
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