

EVALUATION REPORT OF THE DEPARTMENT JAN-DEC 2017

1. **Name of The Department:** Clinical Hematology
2. **Year of establishment**=2011
3. **Is the department part of a college/ Faculty of the University**-yes
4. **Names of programs offered (UG, PG, PharmD)**=Not yet (DM Clinical Hematology to be started)
5. **Interdisciplinary programs** =Nil
6. **Courses in collaboration with other universities, industries, foreign institutions, etc.**=Nil
7. **Details of programs discontinued, if any, with reasons** =Nil
8. **Examination System:** **Annual**/Semester/Trimester/Choice Based Credit System=NA
9. **Participation of the department in the courses offered by other departments** -yes

Lectures and demonstration classes on Hematology topics for MBBS students

Case tutorials and seminars on hematology topics for MD medicine and MD Pathology residents

Seminars /Workshops for research students

10. **Number of teaching posts sanctioned, filled and actual(Professors/Associate Professors/Asst. Professors/others)**

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	1	
Associate Professor/Reader	-	-	
Assistant Professor	2	1	1 post to be filled soon
Lecturer			
Tutor / Clinical Instructor			
Senior Resident	9	9 (4 SR, 5 Non-PG residents)	

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr A.K.Tripathi	MD Med, Post Doctoral Fellowship in Hematology (NIH USA)	Professor and Head	CML Multiple myeloma Aplastic anemia	Total experience=33 years (9 years in hematology)
Dr S.P.Verma	MD (Med), DM (Clin. Hemat)	Associate professor	Acute leukemia/Bleeding disorders	Total experience-10 years (6 years in hematology)

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors-NIL

13. Percentage of classes taken by temporary faculty - program-wise information =NIL

14. Program-wise Student Teacher Ratio=NA (DM programme yet to be started)

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Consultant Consultant (Post advertised)	3 (filled-2, vacant-1) 1 (soon to be recruited)
Senior Resident	9 (all filled, 5 SR; and 4 Non PG residents)
Nursing Staff	16 (all filled)
Paramedical Staff	<div> 2 Lab tech 1 Record Clerk 2 Lab attendant 1 Stano 3 Sick attendant 2 Peon 2 Sweeper 3Chawkidar 3 Ward boy </div> <div> } All filled </div>

16. Research thrust areas as recognized by major funding agencies = Aplastic anemia, ITP, Megaloblastic anemia, Chronic myeloid leukemia

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Intramural- Nil

Extramural- As in the following table (PI- Dr Anil Kumar Tripathi)

S.No.	Project Name	Funding Agency/collaboration	Duration	As	Grant (Rs.)
1	FcR polymorphism in patient with ITP	ICMR	2014-2016	SRF	
2	Cytokine and metabolizing Enzyme gene polymorphisms in Acquired Aplastic anemia	ICMR 56/19/2012- HAE-BMS			

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration- As in the above table- point 17

b) International collaboration- Nil

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received- As above

20. Research facility / centre with

- state recognition
- national recognition
- international recognition

Department has state of art facilities for hemostasis, cytogenetics and molecular research

21. Special research laboratories sponsored by / created by industry or corporate bodies -NA

22. Publications:

- * Number of papers published in **peer** reviewed journals (national / international)
-Dr A.K Tripathi- 4
-Dr. S.P.Verma- 2
- * Monographs
- * Chapters in Books-
- * DR-A.K Tripathi- 1
- * Dr S.P.Verma-1
- * Books edited-NIL
- * Books with ISBN with details of publishers-NIL
- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO

host, Medline, etc.)

- * Citation Index – range / average
- * Citations-74 (since-2011)
- * SNIP
- * SJR
- * Impact Factor – range / average
- * h-index
- * Dr S.P.Verma-6

23. Patents and income generated-

Patents: Nil

24. Areas of consultancy and income generated - NA

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

26. Faculty serving in

- a) National committees b) International committees c) Editorial Boards d) any other (specify)

Editor/Member of Editorial Board:

- Editor-in-chief, Indian Journal of Hematology & Blood Transfusion.(Springer, Indexed in Pubmed) 2010- 2013
- Editor-in-chief, Journal of Internal Medicine of India, an official publication of Association of Physicians of India UP chapter. 2000 -2003
- Member of Editorial Board of “Blood Research”
- Member of Advisory Committee, Indian Journal of Hematology & Blood Transfusion.
- Member of Advisory Committee, Journal of Association of Physicians of India
- Peer reviewer for many reputed medical journals;

J AIDS

Global Journal of Hematology & Blood Transfusion

Indian J Hematology & Blood Transfusion

Journal of Clinical Immunology

Indian J Medical Research

Positions held in professional associations:

National Bodies / Associations

- **President, Indian Society of Hematology & Blood Transfusion 2015-2016**
- **Vice president**, AIDS Society of India 2008-2011
- Secretary, Indian Cancer Society-UP. 2004-2006
- Joint secretary, Associations of Physicians of India, UP Chapter 1998-2000.
- Secretary, Association of Physicians of India-UP. 2005-2007
- President, Associations of Physicians of India, UP Chapter 2009-2010
- Founder Secretary, Indian Society of Hematology & Transfusion Medicine-UP. 2002-
- Member of executive committee, Indian Society of Hematology & Transfusion Medicine 2007--
- Hon. Consultant, Hemophilia Society of India, Lucknow, affiliated to World Hemophilia Federation. 1998--

Member of technical committees:

- Member of a GOI/WHO collaborative project on "Management of hospital waste"
- Member of expert committee on the development of training modules on HIV by UNICEF
- National/State Trainer for HIV/AIDS by UP AIDS Control Society/NACO
- Member of Expert Committee, Council of Science and Technology UP India 2003-2006
- Member of TRG (Technical Resource Group on Anti-retroviral therapy), NACO, Ministry of Health, Govt. of India. 2007-2009
- Member of Institutional Ethics Committee, K.G. Medical University Lucknow 2006-2009
- Member of the co-ordination committee for the M. Phil course in "Translational Health Science" sponsored by DST, Govt. of India
- Vice chairman, Hematology Board, K.G.'s Medical University Lucknow 2014...
- Co-Nodal officer for ICMR Cancer registry in the K.G. Medical University Lucknow.
- Member Secretary, Hemophilia Core committee, Ministry of Health, Govt. of UP. 2010.....
- Member of Research Committee, Dr. RML Institute of Medical Sciences Lucknow 2011--
- Member of Stem Cell Ethics committee, K.G. Medical University Lucknow 2011-
- Member of Institutional Ethics committee, K.G. Medical University Lucknow 2011-2014
- Member of panel for preparation of guidelines for uses of newer oral anticoagulants with Mumbai hematological society. 2012
- Member of ICMR panel for guidelines for MDS
- Member of National consultative Group on Thalassemia

- Member of Expert Committee, Council of Science and Technology UP India 2013---
- Member of “State Blood Services” committee, Uttar Pradesh 2015—
- Member of “National Guidelines for Hemophilia committee” Ministry of Health and Family Welfare, Govt. of India. 2015--

Additional responsibilities in the University:

- Faculty in charge, Center for Advance Research
- Member, University Court
- Vice chairperson, Hematology Board
- Member, Tumour Board
- Member, Institutional Ethics committee
- Member, Board of Laboratory Medicine
- Member of Editorial Board, KGMU Text Book of Clinical Cases

Member of Scientific/professional Associations:

- American Society of Hematology (ASH)
- European Hematology Society (EHA)
- International Society of Hematology (ISH)
- Indian Society of Hematology and Blood Transfusion (ISHTM)
- Indian Society of Medical & Paediatric Oncology (ISMPO)
- Indian Association of Cancer Chemotherapists (IACC)
- Indian Cancer Society (ICS)
- International AIDS Society (IAS)
- AIDS Society of India (ASI)
- Indian Immunology Society.(IIS)
- Association of Physicians of India (API)
- Indian Academy of Clinical Medicine (IACM)
- International Society for Heart Research (ISHR)
- American Association for Advancement of Science (AAAS)
- American College of Angiology (ACA)
- Indian Medical Association (IMA)

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

- Workshop on Bleeding disorders, skill development
- Managing emergencies in Hematological malignancies
- Training on Central Venous Catheter insertion and care
- Chemotherapy extravasation

28. **Student projects** –Not applicable, as we are yet to start DM course

- percentage of students who have taken up in-house projects including inter-departmental projects
- percentage of students doing projects in collaboration with other universities / industry / institute

29. **Awards / recognitions received at the national and international level by**

- Faculty

Fellowships awards:

- Fellow of Royal College of Physicians, Glasgow. (**FRCP Glasgow**) 2017
- Fellow of Royal College of Physicians, London. (**FRCP London**) 2016
- Fellow of National Academy of Medical Sciences India (**FAMS**) 2012
- Fellow of Indian Society of Hematology and Transfusion Medicine (FISHTM) 2007
- Fellow of Indian Academy of Clinical Medicine (FIACM) 2001
- World Hemophilia Fellowship Award 2001
- Fellow of Indian College of Physician (FICP) 2000
- Oak Ridge Fellowship in Leukemia Research, Department of Energy USA 1995

Oration awards:

- Dr. M.P. Mehrotra Oration, Association of Physicians of India UP. 2014
- Dr. Hari Vaishnav Oration , Association of Physicians of India, Delhi Chapter 2008
- Dr. GS Sainani Oration award (Indian Academy of Clinical Medicine) 2007
- Dr. BL Agrawal Oration award (Allahabad Medical Association/IMA) 2007
- Golden Jubilee Outstanding Achievement oration award GSVM Medical College Kanpur 2007
- Dr. PJ Mehta Oration award (Association of Physicians of India) 2006
- Manorama Sapre Oration award (Indian Society of Hematology & Transfusion Medicine) 2005

Miscellaneous:

- Keynote speaker at symposium on "Biochemistry beyond 2000" at Dr. RML University Faizabad, 28 November 1999.
 - Best research Paper award at ORCA meeting at Evian, France. Feb 2004
 - Bhojpuri Gaurav Samman for outstanding achievement in the field of Medical Science, awarded by Akhil Bhartiya Bhojpuri Samaj. 2008
 - **Vigyan Ratna** award by Govt. of UP , Department of Science & Technology Feb, 2009
 - Adjudged as **Nodal officer of "Outstanding ART center"** by Director General, NACO, Govt. of India 2010
 - **Member of Executive Council**, Dr. RML Avadh University Faizabad, nominated by **H.E. Governor of UP.** (2011-2013)
 - **Vice Chancellor medal** for best paper at Research Show case , 22 Oct 2011
 - **Award of Excellence at Teachers' day** by K.G.'s Medical University Lucknow, 5 September 2013
 - **Vice Chancellor medal for Best PhD thesis** 27 November 2013
 - **Vigyan Gaurav Award** by Govt. of UP , Department of Science & Technology (highest award in science and technology by UP Govt.) July 2014
 - Chief Guest at National Science Day function at Indian Institute of Toxicological Research Lucknow, March 3, 2015
 - " Outstanding physician award" by **Hon' Governor Uttar Pradesh.** Oct 2016
 - Award by Hindi Sansthan **Govt of Uttar Pradesh** for Hindi Book "Anemia: Kuchh Rochak Jankarian"
 - Key note speaker at "National Conference on chronic diseases and life style" organized by SKY Institute, Lucknow. March 9, 2016
 - Doctoral / post doctoral fellows
 - Students
30. **Seminars/ Conferences/Workshops organized and the source of funding** (national / international) with details of outstanding participants, if any.
- Organizing Chairman, National Infectious Disease Update at KG medical University Lucknow. 2-3 April 2016, in collaboration with Dept of Environmental cell, around 200 delegates and eminent international speakers from USA.
 - Organized Orientation Training on Hemophilia at KG Medical University Lucknow. 18 Sept. 2015, in association with dept. of Health and Family Welfare and National Health Mission Uttar Pradesh. About 150 participants including specialist physicians, orthopedicians and pediatricians from district hospitals of Uttar Pradesh.

- Organized National Hematology Update at KG Medical University Lucknow. 12 Sept. 2015
- Organized CME on Hematology and State level quiz at KGMU Lucknow August 9, 2014
- Chairman, Scientific committee, Annual conference of Association of Physicians of India- Up Lucknow 14-15 Dec 2013.
- Organized a State level Hematology quiz under auspices of Indian Society of Hematology & Blood Transfusion May 17, 2013
- International update on CML at KG Medical University, March 25, 2013
- An Update on thrombocytopenia CSMMU Lucknow 6 April 2012; Lecture on “ ITP, intriguing issues”
- “ CML: Cure without BMT?” symposium organized at CSM medical University, March 12, 2011
- “Anemia: Challenges and Newer Perspectives” at CSM Medical University Lucknow August 21, 2010
- “Recent Advances in Hemostatic disorders” at CSM Medical University Lucknow April 2010
- **48th National Conference of Indian Society of Hematology and Transfusion Medicine** Nov. 15-17, 2007 at Lucknow
- Annual meeting of Indian Society of Hematology & Transfusion Medicine UP Chapter Lucknow April 2003
- International Training Workshop on HIV/AIDS, Lucknow, November 2000

Member of the Organizing Committee:

- 52nd Joint Annual Conference of Association of Physicians of India at K.G.'s Medical College Lucknow, India 10-15 January 1997.
- National member of advisory committee, Annual conference of Indian Society of Hematology and Transfusion Medicine, Mumbai. November 2000
- National member of advisory committee, Annual conference of Indian Society of Hematology and Transfusion Medicine, Calicut, Kerala 2002
- Symposium on World AIDS Day, CSM medical University Lucknow, 30 November 2002
- Organized Health Mela at Tanda, Ambedkar nagar (UP) 15 Dec 2002
- “Programme implementation and action plan” UP State AIDS Control Society Lucknow 29 April -1st May 2002

- Symposium on World AIDS Day, KG Medical University Lucknow 30 Nov, 2002
- CME in Hemato-Oncology “Recent advances in NHL” Department of Medicine KG Medical University Lucknow 13th July, 2004
- CME on Recent Advances in Hemostatic Disorders, KG Medical University Lucknow, 16 Sept, 2005
- Symposium on ART in HIV/AIDS, World AIDS Day 1 Dec, 2005
- Training of Medical Officers and ART expert team at Regional ART Training Institute Sept and Oct 2006
- National member of advisory committee, Annual conference of Indian Society of Hematology and Transfusion Medicine, JIPMER, Pondicherry 2008

Training activities:

- National level trainer of experts and medical officers on the management of HIV/AIDS
- Incharge, NACO Regional ART Training Institute, CSM medical University Lucknow
- (Organized more than **24 training programmes on HIV & lectured at around 85 training sessions**)
- Trained around **900** paramedical staff of various hospitals in Lucknow on HIVAIDS
- Trainer for physicians on the management of Hemophilia

31. **Code of ethics for research followed by the departments-** Strict adherence to professional ethics by all .

32. **Student profile program-wise: Not applicable, yet to start DM course**

Name of the Program (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female

33. **Diversity of students: Not applicable, yet to start DM course**

Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries

Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries

34. **How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise. :** Nil yet

35. Student progression: Nil yet

Student progression	Percentage against enrolled
UG to PG	
PG to M.Phil, DM / M Ch / DNB	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed <ul style="list-style-type: none"> Campus selection Other than campus recruitment 	
Entrepreneurs	

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	0%
from other universities within the State	100%
from universities from other States	0%
from universities outside the country	0%

37. Number of faculty who were awarded M.Phil.,DM, M Ch,Ph.D., D.Sc. and D.Litt. during the assessment period. NIL

38. **Present details of departmental infrastructural facilities with regard to**

a) Library

New books-67

Old books-147

Number of journals-4

List of books

Sl.No.	Acc. No	Author	Titles	Edition	Year

1.	D905	Keohane, Elaine M.	Rodak's Hematology clinical principles and Applications	5th	2016
2.	D906	McCann, Shaun	Haematology: clinical cases uncovered		2009
3.	D907	Thachil, Jecko	Thachil, Jecko Haematology in critical care		2014
4.	D1485	Bain, Barbara J.	Haemoglobinopathy diagnosis	2nd	2006
5.	D1486	Engert, Andreas	Hodgkin lymphoma		2015
6.	D940	Bain, Barbara J.	Leukaemia diagnosis	4th	2010
7.	D959	Orkin Stuart H Natham and Oskis	Hematology and Oncology of Infancy and childhood Vol-1	8th	2015
8.	D960	Orkin Stuart H Natham and Oskis	Hematology and Oncology of Infancy and childhood Vol-2	8th	2015
9.	D1001	Leach, Richard M.	Practical flow cytometry in haematology		2015
10	D1052	Bain Barbara J	Variant Hemoglobins:A guide to Identification		2010
11.	D989	Arceci, Robert J.	Pediatric hematology	3 rd	2006
12.	D1171	Quinley, Eva D	Immunohematology	3 rd	2011
13.	D1473	Cheesbrough, Monica	District laboratory practice in tropical countries (Part-1)	2nd	2005
14.	D1651	Pui, Ching-Hon	Childhood leukemias	3rd	2006
15.	D904	Hoffman, Ronald	Hematology	6th	2013
16.	D1350	Twisk, Jos W. R.,	Applied multilevel analysis		2006
17.	D1458	Anagnostou, Dimitra	Bone marrow lymphoid infiltrates		2012
18.	D1472	Cheesbrough, Monica.	District laboratory practice in tropical countries (Part-2)	2nd	2005
19.	D1484	Brown, Marvelle	Haematology nursing		2012
20.	D1554	Bridges, Kenneth R.	Anemias and other red cell disorders		2008
21.	D1609	Ballen, Karen.	Umbilical Cord Blood Banking and Transplantation		2014
22.	D1662	Lee, Christine A.	Inherited bleeding disorders in women		2009
23.	D1044	Rodgers, Griffin P.	Bethesda Handbook of Clinical Hematology	3rd	2013
24.	D1553	Martin, Lawrence	All you really need to know to interpret arterial blood gases	2nd	1999
25.	D1728	Cain, G.F.	Von Willebrand disease		2012
26.	D1437	Munker,	The BMT data book		2013

		Reinhold			
27.	D1132	Anderson Young	Anderson's atlas of hematology	2 nd	2014
28.	D828	Rodak, Bernadette F.	Clinical hematology atlas	4th	2013
29.	D1698	Rodgers, G.M.	Hemostasis casebook: Lab diagnosis and management		2013
30.	D1302	Provan, Drew	Oxford handbook of clinical haematology	4th	2015
31.	D1401	Antin, Joseph H.,	Manual of stem cell and bone marrow transplantation	2 nd	2013
32.	D1168	Cashen, Amanda	Hematology and Oncology Subspecialty Consult	2 nd	2012
33.	D378	Mitchell Barry S	Histology: An Illustrated Color Text		2009
34.	D396	Doan Thao	Lippincott's Illustrated Reviews: Immunology	2nd	2013
35.	D102	Tabor's Cyclopedia	Medical Dictionary Tabers 21st	21 st	2009
36.	D161	Dr. Ramnik Sood	Text Book of Laboratory Test's		2006
37.	D179	Harmering	Modern Blood Banking & Transfusion	6th	2014
38.	D069	G.S. Godkar	Text Book Medical Laboratory Technics Vol-1	3 rd	2014
39.	D070	G.S. Godkar	Text Book Medical Laboratory Technics Vol-2	3 rd	2014
40.	D604	Roland T. Skeel	Handbook of Cancer Chemotherapy	8 th	2011
41.	0501	Jett Mc Cullough	Transfusion Medicine	3 rd	2012
42.	D638	Anupam Sachdeva	Practical Pediatric Hematology	2 nd	2012
43.	D696	Patricia A. Ganz	Cancer Survnarship: Today And Tomarrow		2007
44.	D206	William's Hematology	Kenneth Kaushansky	8 th	2010
45.	D213	Marshall A. Lichtman	Williams Mannual of Hematology	8 th	2011
46.	D307	Yousef Gargani	Crash Course in Hematology and Immunology	4 th	2015
47.	D391	Cris Hatton	Hematology Lecture Note	9 th	2013
48.	D376	Thomas G. Deloughery	Hemostatisis and Thrombosis		2013
49.	D489	Seymour H. Levett	Technical basis of Radiation therapy	4 th	2006
50.	D304	A E Thomax	Controvessies: in Pediatric and Adolescent Hematology		1991
51.	D214	Danlongo	Harrison's Hematology and Oncology	2 nd	2013
52.	D026	Michael R.Green	Molecular Cloning-1	4th	

		& Joseph Sambrook			2014
53.	D027	Michael R.Green & Joseph Sambrook	Molecular Cloning-2	4th	2014
54.	D028	Michael R.Green & Joseph Sambrook	Molecular Cloning-3	4th	2014
55.	D375	Elaine Sarkin jaffe	Hematopathology		2011
56.	D374	S. David Hudnall	Hematology: A Pathophysiologic approach		2012
57.	D364	Atul Mehta, A.V.Hoffbraua	Hematology at a Glance	4 th	2014
58.	D348	Doyen Nauyen	Flow Cytometry in Hemato Pathology : A visual approach to Data analysis and Interpretation	2 nd	2007
59.	50042	Robin Knight	Transfusion and Transplantation Science		2013
60.	49989	Niger key	Practical Hemostasis & Thrombosis	2 nd	2009
61.	49694	Meral Beksac	Bone Marrow and Stem Cell Transplantation	2 nd	2014
62.	49305	Christine A. Lee	Textbook Of Hemophilia	3 rd	2014
63.	49546	Kenneth Kaushansky	William's Hematology	8 th	2010
64.	50011	R W Colman	Hemostasis and Thrombosis : Basic Principles and clinical Practice	6 th	2013
65.	49646	A V Hoffbrand	Essential haematology	6 th	2012
66.	49265	John P Greer	Wintrobe's Clinical Hematology	13 th	2014
67.	49545	Kenneth Kaushansky	William's Hematology	8th	2010

Old List of Book for Department of Clinical Hematology 2016

Sl.No.	Acc. No	Author	Titles	Edition	Year
1	OLD01	J Apperley	Haematopoietic Stem Cell Transplantation	6 th	2012
2	OLD02	AR Bradwell	Serum Free Light Chain Analysis	5 th	2008
3	OLD03	Robert J Arceci	Year book of Oncology 2011		2011
4	OLD04	Androulla Ele	Complain to Iron Chelation Therapy with desferrioxamine		2005
5	OLD05	A R Bradwell	A R Bradwell Serum Free Light Chain Analysis	5th	2008
6	OLD06	Robert J Arceci	Year book of Oncology 2010		2010
7	OLD07	Lalit Kumar	Progress in Hematological Oncology		2003
8	OLD08	M.B.Agarwal	Acute Myeloid Leukaemia		2010

9	OLD09	Susan Lester	Manual of Surgical Pathology	2 nd	2006
10	OLD10	Mark A Crowther	Evidence Based Hematology		2008
11	OLD11	Usha Rusia	Hematology for undergraduate student		2014
12	OLD12	Kenneth Kaushansky	Willams hematology	5 th	2010
13	OLD13	Ravindra Sarode	Hematology/Oncology Clinics of North America		2007
14	OLD14	Laureen A Kelley	Success as a Hemophilia Leader		2004
15	OLD15	John P Leonard	Hodgkin's and Non-Hodgkin's lymphoma		2006
16	OLD16	Dennis A Casciato	Manual of Clinical Oncology	4 th	2000
17	OLD17	Richaad S Irwin	Manual of Intensive Care Medicine	4 TH	2006
18	OLD18	Lawrence M Tierney	Current Medical Diagnosis & Treatment		2005
19	OLD19	Edward Chu	Cancer Chemotherapy Drug Manual		2012
20	OLD20	James B Peter	Use and Interpretation of test in Oncology	2 nd	1994
21	OLD21	Wendy Schlessel	Diagnosis cancer		2003
22	OLD22	George P Canellos	Hematology/Oncology clinics of north America		1990
23	OLD23	G G Fortner	Accomplishments in cancer Research		1991
24	OLD24	Ramnik Sood	Hematology students Practitioner	5 th	2003
25	OLD25	M. B. Agarwal	Chronic myeloid Leukemia	1 st	2007
26	OLD26	Dan L. Longo	Harrison's Hematology and Oncology	Vol-2	2011
27	OLD27	Ronald Hoffman	Hematology Basic Principles and Practics	5 th	2009
28	OLD28	George P Canellons	The Lumphomas	2 nd	2006
29	OLD29	A Victor Hoffbrand	Clinicl Hematology	2 nd	1994
30	OLD30	A Victor Hoffbrand	Postgraduate Hematology	6 th	2005
31	OLD31	Maxine A Papadakis	Current Medical Diagnosis & Treatment		2016
32	OLD32	Ralph A deFronzo	International Textbook of diabetes Mellitus Vol-1	4 th	2015
33	OLD33	Ralph A deFronzo	International Textbook of diabetes Mellitus Vol-1	4 th	2015
34	OLD34	S N Chung	Textbook of Clinical Medicine		2008
35	OLD35	S K Bichile	Medicine Update Vol-18		2008
36	OLD36	S N Chung	Textbook of Clinical Medicine for Dental student		2003
37	OLD37	S N Chung	Textbook of Clinical Medicine for Dental and Allied Examination		1999
38	OLD38	Jayesh Mehta	Myeloma		2003
39	OLD39	Shirish M Kawthalkar	Essentials of Haematology	2 nd	2013
40	OLD40	Rajiv Soman	Case of Infectious diseases	1 st	2013
41	OLD41	John G Bartlett	Medical Management of HIV infection		2013
42	OLD42	Daniel h. Cooper	The Washington Manual of Medical therapeutics	32 nd	2007
43	OLD43	Charu c Jain	Thrombo-Embolosm		
44	OLD44	Jhon M Burk	Dx/Rx Leukemia	2 nd	2012
45	OLD45	C. Bokemeyer and Ludwig	Anemia In Cancer		2005
46	OLD46	Dr. Vasantha	Treatment of Langerhans Cell		2012

		Thavaraj	Histiocytosis		
47	OLD47	Dr. M. B. Agarwal	Advance Techniques in Hematological Malignancies		2007
48	OLD48	P. Hillmen & T. E. Witzig	Immunotherapy of Lymphoid Malignancies		2005
49	OLD49	Wendy N. Erber	Diagnostic techniques in Hematological Malignancies		2011
50	OLD50	Griffin Rodger	The Bethesda Handbook of Clinical Hematology	2 nd	2010
51	OLD51	Griffin Rodger	The Bethesda Handbook of Clinical Hematology	3 rd	2013
52	OLD52	AR Bradwell	Serum Free Light Chain Analysis	6 th	2010
53	OLD53	Michel J Keating	Advance in the treatment of B-cell Chronic Lymphocytic Leukemia		2012
54	OLD54	Griffin Rodger	Bethesda Handbook of Clinical Hematology		2005
55	OLD55	Marshall A Lichtman	William manual of Hematology	8 th	2011
56	OLD56	Marshall A Lichtman	William manual of Hematology	8 th	2011
57	OLD57	Drew Proven	Oxford Handbook of Clinical Haematology	3 rd	2009
58	OLD58	Drew Proven	Oxford Handbook of Clinical Haematology	3 rd	2009
59	OLD59	Richard Pazdur	Cancer Management A multidisciplinary Approach	9 th	2006
60	OLD60	Ramadas Nayak	Essential in Hematology & Clinical Pathology		2012
61	OLD61	Dr. Androulla	About Thalassaemia		2003
62	OLD62	Jack D Sobel	Fungal Infection	2 nd	2007
63	OLD63		Monthly Index of Medical Specialities Volume-27		2008
64	OLD64	John P Leonard	Hodgkin's and Non-Hodgkin's Lymphoma		2006
65	OLD65	Robert Peter Gale	Chronic Lymphocytic Leukemia Recent Progress		1987
66	OLD66	Sudesh Prabhakar	Review in Neurology		2008
67	OLD67	Future Medicine	Myelodysplastic syndromes		
68	OLD68	Keith R McCrae	Thrombocytopenia		2010
69	OLD69	Charles Rizza	Hemophilia		1997
70	OLD70	Vincent T DeVita	Cancer Principles & Practice of Oncology	4 th	1993
71	OLD71	Vincent T DeVita	Cancer Principles & Practice of Oncology	6 th	2001
72	OLD72	G. Richard Lee	Wintrobe's clinical Hematology Vol-2	10 th	1998
73	OLD73	Roland Hoffman	Hematology Basic Principles and Practice	3 rd	2000
74	OLD74	Robert I. Handin	Blood Principles and Practice of Hematology	2 nd	2003
75	OLD75	Joseph D. Sapira	The art & science of bedside Diagnosis		1990
76	OLD76	Aaron Polliack	Chronic Lymphocytic Leukemia		1998
77	OLD77	NACO	Training Modules for Medical Officers on HIV Care and Treatment		2007
78	OLD78	NACO	Training Modules for Medical Officers on HIV Care and Treatment		2007

79	OLD79	NACO	Traning Modules for Medical Officers on HIV Care and Treatment		2007
80	OLD80	NACO	Traning Modules for Medical Officers on HIV Care and Treatment		2007
81	OLD81	Hoffmann	HIV Medicine 2007		2007
82	OLD82	Hoffmann	HIV Medicine 2007		2007
83	OLD83	Hoffbrand	Postgraduate Haematology	5 th	1999
84	OLD84	Dr. M. B. Agarwal	Haematology Today		2007
85	OLD85	Dr. M. B. Agarwal	Haematology Today		2008
86	OLD86	Dr. M. B. Agarwal	Haematology Today		2009
87	OLD87	Dr. M. B. Agarwal	Haematology Today		2010
88	OLD88	Dr. M. B. Agarwal	Haematology Today		2012
89	OLD89	Dr. M. B. Agarwal	Haematology Today		2013
90	OLD90	Blood	Journal of The American Society of Hematology- Vol-111-7		16/11/2008
91	OLD91	Blood	Journal of The American Society of Hematology- Vol-112-11		16/11/2008
92	OLD92	Blood	Journal of The American Society of Hematology- Vol-110-11		16/11/2008
93	OLD93	Blood	Journal of The American Society of Hematology- Vol-110-11		16/11/2007
94	OLD94	Blood	Journal of The American Society of Hematology- Vol-114-12		20/11/2009
95	OLD95		American Society of Hematology Education Book Program Book		2001
96	OLD96		American Society of Hematology Education Book Program Book		2003
97	OLD97		American Society of Hematology Education Book Program Book		2004
98	OLD98		American Society of Hematology Education Book Program Book		2005
99	OLD99		American Society of Hematology Education Book Program Book		2006
100	OLD100		American Society of Hematology Education Book Program Book		2007
101	OLD101		American Society of Hematology Education Book Program Book		2008
102	OLD102		American Society of Hematology Education Book Program Book		2009
103	OLD103		American Society of Hematology Education Book Program Book		2011
104	OLD104		American Society of Hematology Education Book Program Book		2013
105	OLD105		American Society of Hematology Education Book Program Book		2000
106	OLD106		American Society of Hematology Education Book Program Book		2010
107	OLD107		American Society of Hematology Self-Assessment Program	3rd	2007
108	OLD108	YP Munjal	API Textbook of Medicine-Vol-1	10th	2015
109	OLD109	YP Munjal	API Textbook of Medicine-Vol-2	10th	2015
110	OLD110	Facuci/Braunewad	Harrisons's Principles of Internal Medicine	17th	2008
111	OLD111	Facuci/Braunewad	Harrisons's Principles of Internal	17th	2008

			Medicine		
112	OLD112	YP Munjal	API Textbook of Medicine-Vol-1	9th	2012
113	OLD113	YP Munjal	API Textbook of Medicine-Vol-2	9 th	2012
114	OLD114	Raphael Dolin	Aids Therapy	13th	2008
115	OLD115	A Victor Hoffbrand	Colour Atlas of Clinical Hematology	4 th	2010
116	OLD116		American Society of Hematology self-Assessment Program question book	2nd	2005
117	OLD117		American Society of Hematology self-Assessment Program Text book	2nd	2006
118	OLD118		American Society of Hematology self-Assessment Program question book	4th	2010
119	OLD119		American Society of Hematology self-Assessment Program Text book	4th	2010
120	OLD120	Dr. Tejindra Singh	Atlas and Text of Hematology		2010
121	OLD121	Mario castro	Clinical Asthma		2008
122	OLD122	Dr. S. Rodrigues	Atlas of Haemostasis Vol-III		2011
123	OLD123	John E Gallant	Hiv Guide	2012	2012
124	OLD124		A Hand Book on use of anti retroviral Therapy		2007
125	OLD125	John E Bartlett	Medical Manegment of HIV Infection		2009-2010
126	OLD126	Hoffmann	A text book of Hiv 2011		2011
127	OLD127	William G Powderly	Manual of HIV Therapeutic	2nd	2001
128	OLD128	John E Bartlett	Medical Manegment of HIV Infection		2007
129	OLD129	John E Bartlett	Medical Manegment of HIV Infection		2009-2010
130	OLD130	Hoffmann	HIV Medicine 2006		2006
131	OLD131	Dr. A. K. Tripathi	Anemia		2014
132	OLD132		An Evidence Based approach to aplastic anemia		
133	OLD133	Fanconi research	Fanconi anemisa	3rd	2008
134	OLD134	George P. Canellos	New Drug for Malignancy Vol-26 Num-3		2012
135	OLD135	George P. Canellos	Consultative Hematology Vol-26 Num-2		2012
136	OLD136	George P. Canellos	Non CML Myeloproliferative Diseases Vol-26 Num-5		2012
137	OLD137	George P. Canellos	Chronic myelogenous Leukemia Vol-25 Num-5		2012
138	OLD138	George P. Canellos	Myelodysplastic Syndrome Vol-24 Num-2		2012
139	OLD139	George P. Canellos	Immunodeficiency Infection and Stem Cell Transplantation Vol-25 Num-1		2012
140	OLD140	Bernard G Forget	Thalassemia Vol-24 Num-24		2012
141	OLD142	Max J Coppes	An update on Pediatric Oncology and Hematology Vol-24 Num-1		2012
142	OLD143	Volker Diehl	Hodgkin Lymphoma New Insight in an Old DiseasesVol-21 Num-5		2012
143	OLD144	Grover C Bagby	Bone Marrow Failure Syndromes Vol-23 Num-2		2012
144	OLD145	Jennifer R Brown	Chronic Lymphocytic Leukemia Vol-27 Num-2		2013
145	OLD146	A Koneti Rao	Disorder of the Platetets Vol-27 Num-3		2013
146	OLD147	Cristoph Klein	Neutropenia		2013

147	OLD148	Matthew M Heeney	Iron Disorders		2014

LIST OF JOURNALS:

- **Indian Journal of Hematology and Blood Transfusion**
- **Blood**
- **Hematology/Oncology Clinics in North America**
- **New England Journal of Medicine**

b) Internet facilities for staff and students -YES

c) Total number of class rooms- 2

d) Class rooms with ICT facility and 'smart' class rooms: YES

e) Students' laboratories- YES(Basic Hematology, Coagulation lab)

f) Research laboratories -YES (Cytogenetics, Molecular and Cell Biology)

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university : 2

b) from other institutions/universities : NIL

40. Number of post graduate students getting financial assistance from the university.
NA

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology. IN PROGRESS (On need and feasibility of starting stem cell transplant facilities and intensive hematology care unit)

42. Does the department obtain feedback from

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes, feedback obtained through Personal communication, Whatsapp, and Email and necessary corrective measures taken.

b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? IN PROGRESS

c. alumni and employers on the programs offered and how does the department utilize the feedback?

There is a regular informal meeting with employees twice a month individually and collectively. Also they are encouraged to put forward their suggestions / complaints in the office or to drop in the "Suggestion Box"

43. List the distinguished alumni of the department (maximum 10)- NIL, This is a

relatively new department. DM course yet to be started.

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.

- Organized National Hematology Update at KG Medical University Lucknow. 20 August. 2016
- Organizing Chairman, National Infectious Disease Update at KG medical University Lucknow. 2-3 April 2016
- Organized Orientation Training on Hemophilia at KG Medical University Lucknow. 18 Sept. 2015
- Organized National Hematology Update at KG Medical University Lucknow. 12 Sept. 2015
- Organized CME on Hematology and State level quiz at KGMU Lucknow August 9, 2014
- Chairman, Scientific committee, Annual conference of Association of Physicians of India-Up Lucknow 14-15 Dec 2013.
- Organized a State level Hematology quiz under auspices of Indian Society of Hematology & Blood Transfusion May 17, 2013
- International update on CML at KG Medical University, March 25, 2013
- An Update on thrombocytopenia CSMMU Lucknow 6 April 2012; Lecture on “ITP, intriguing issues”
- “CML: Cure without BMT?” symposium organized at CSM medical University, March 12, 2011
- “Anemia: Challenges and Newer Perspectives” at CSM Medical University Lucknow August 21, 2010
- “Recent Advances in Hemostatic disorders” at CSM Medical University Lucknow April 2010
- **48th National Conference of Indian Society of Hematology and Transfusion Medicine** Nov. 15-17, 2007 at Lucknow
- Annual meeting of Indian Society of Hematology & Transfusion Medicine UP Chapter Lucknow April 2003

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

1. Didactic lectures
2. Small group discussions
3. Case based discussion
4. OSCE

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored? Highlight the participation of students and faculty in extension activities.

The evaluation of outcomes is made by the respective departments. (We take teaching classes of UG (MBBS) and PG (MD Medicine and Pathology) students

47. Give details of “beyond syllabus scholarly activities” of the department.- Not applicable as we are yet to start DM course.
48. State whether the program/ department is accredited/ graded by other agencies? If yes, give details. :Applied to MCI for the approval for starting DM clinical hematology.
49. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
1. By establishing new academic department/ facilities for advancement in research and patient care in the field of hematology
 2. By having PhD programme on basic research and hematology
 3. By organizing Continuing Professional Development programmes including CME, Guest lectures, Seminars etc.
 4. By conducting interdepartmental and inter-institutional lectures, group discussions and case clinics
 5. By mentoring on participating in various national health programmes on hemophilia, thalassemia and anemias.

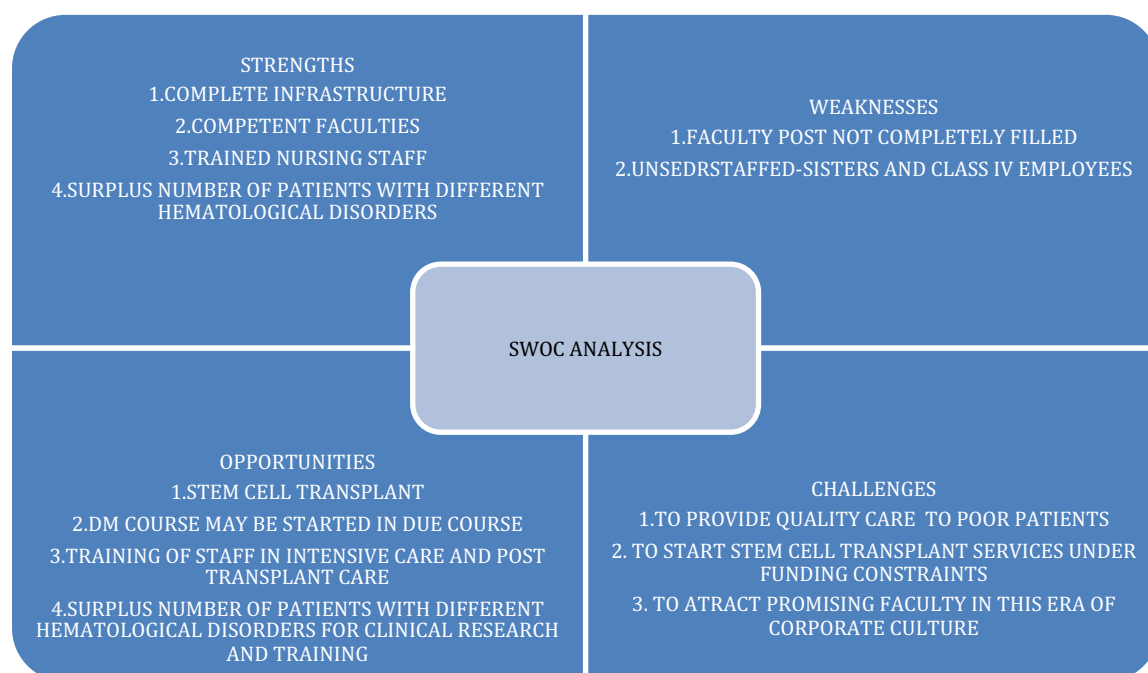
50. Contributions and Achievements:

- Started acute leukemia (AML,ALL) treatment since 2015
- Started state of the art Comprehensive hemophilia care centre (1st in the state of UP)
- Free treatment of patients with hematological malignancies and asadhya rog by Asadhya card/BPL/Cancer card

Dr A.K.Tripathi

- **Vigyan Ratna** award by Govt. of UP , Department of Science & Technology Feb, 2009
- Adjudged as **Nodal officer of “Outstanding ART center”** by Director General, NACO, Govt. of India 2010
- **Vice Chancellor medal** for best paper at Research Show case , 22 Oct 2011
- **Award of Excellence at Teachers’ day** by K.G.’s Medical University Lucknow, 5 September 2013
- **Vice Chancellor medal for Best PhD thesis** 27 November 2013
- **Vigyan Gaurav Award** by Govt. of UP , Department of Science & Technology (highest award in science and technology by UP Govt.) July 2014
- Chief Guest at National Science Day function at Indian Institute of Toxicological Research Lucknow, March 3, 2015
- “ Outstanding physician award” by **Hon’ Governor Uttar Pradesh**. Oct 2016

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.



52. Future plans of the department.

- To start DM hematology/Fellowship 2 year courses in Hematology
- To establish and start Stem cell transplant services which has already initiated
- To increase the number of beds including private/special rooms
- To set up intensive hematology care unit

4. Declaration by the Head of the Institution

I certify that that the data included in this Self-Study Report (SSR) are true to the best of my knowledge.

This SSR is prepared by the institution after internal discussions, and no part thereof has been outsourced.

I am aware that the Peer team will validate the information provided in this SSR during the peer team visit.

Signature of the Head of the institution

With seal:

Vice Chancellor

King George's Medical University, Uttar Pradesh
Lucknow

Place: Lucknow

Date: