

3. Evaluative Report of the Department

(Department of Medicine)

1. Name of the Department **MEDICINE**
2. Year of establishment **1971**
3. Is the Department part of a School/Faculty of the university? **Yes**
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

The College conducts teaching and training program for undergraduate and post graduate medical students and the annual intake capacity in different courses are as follows:

Under-graduate Courses

- MBBS - 150
- B Sc Medical Technology (Radiography) - 15

Post-graduate Courses

- M.D./M.S./D.N.B. - 72
 - **M.D.** Biochemistry, Physiology, Pathology, Microbiology, Pharmacology, Forensic Medicine, Community Medicine, Medicine, Paediatrics, Radiology, Anaesthesia, Dermatology, and Obstetrics & Gynaecology
 - **M.S.** Anatomy, Surgery, Orthopaedics, Ophthalmology and E.N.T.
 - **D.N.B.** Neuro-surgery

5. Interdisciplinary programmes and departments involved
Multi disciplinary Seminar (Pathology, Surgery, Dermatology, Anatomy)
6. Courses in collaboration with other universities, industries, foreign institutions, etc.
None
7. Details of programmes discontinued, if any, with reasons
DNB (Medicine)
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System
Annual, Semester
9. Participation of the department in the courses offered by other departments **None**
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including
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			CAS & MPS)
Director Professor/ Professor			8
Associate Professors			6
Asst. Professors			1
Others (Medical specialists)			1

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

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Dr.O.P.Kalra	MD, DM (Nephrology)	Director Professor	Nephrology	31 years	Nil
Dr. M.P.Agarwal	MD (Medicine)	Professor	Medicine	29 years 3 months	Nil
Dr.S.V.Madhu	MD, DM (Endocrinology)	Director Professor &	Endocrinology	27 years 7 months	Two
Dr.R.Avasthi	MD (Medicine)	Professor	Medicine	27 years 4 months	Nil
Dr.S.Agarwal	MD (Medicine)	Professor	Medicine	28 years 11 months	Nil
Dr.G.S.Ranga	MD (Medicine)	Director Professor	Medicine	19 years 10 months	Nil
Dr.S.Giri	MD (Medicine)	Professor	Medicine	16 years 8 months	Nil
Dr. SK Sahu	MD (Medicine)	Professor	Medicine	8 years	Nil
Dr. Shiva Narang	MD (Medicine)	Associate Professor	Medicine	6 years 1 month	Nil
Dr. Rajat Jhamb	MD (Medicine)	Associate Professor	Medicine	7 years 2 months	Nil
Dr. Amitesh Aggarwal	MD (Medicine)	Associate Professor	Clinical cardiology	8 years 5 months	Nil
Dr. Alpana Raizada	MD (Medicine)	Associate Professor	Medicine	6 years 11 months	Nil
Dr. Kuldeep Kumar	MD (Medicine)	Assistant Professor	Medicine	6 years 5 months	Nil
Dr. Ashish Goel	MD (Medicine)	Associate Professor	Medicine	8 years 6 months	Nil
Dr. Amit Kumar Verma	MD (Pulmonology)	Associate Professor	Medicine	4 years 1 month	Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors **None**
13. Percentage of classes taken by temporary faculty - programme-wise information **Zero**
14. Programme-wise Student Teacher Ratio **10:1**
15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual **(As in point 34)**

	Sanctioned	Filled	Actual

16. Research thrust areas as recognized by major funding agencies

Madhu SV	Registry of people with Diabetes in India with young age at Onset
	Role of post-prandial lipaemia in the development of type -2 diabetes mellitus (T2DM) and related macrovascular disease
	A multicentric, randomized, controlled trial of yoga and fenugreek in the prevention of type 2 diabetes mellitus - Indian Prevention of Diabetes Study (IPDS) - ONGOING
	Role of testosterone and prolactin in cardiovascular risk associated with male type 2 diabetes mellitus and obesity
Aggarwal A	Premature Graying - a Valuable Clinical Sign in Smokers Predating Early onset Coronary Artery Disease.

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.

Principal Investigator	Title of the Project	Years	Funded by	Grant Rs.
Madhu SV	Registry of people with Diabetes in India with young age at Onset"	2006-13	ICMR	48.33 lacs

	Role of post-prandial lipaemia in the development of type -2 diabetes mellitus (T2DM) and related macrovascular disease	2011-14	DBT	44.93 lacs
	A multicentric, randomized, controlled trial of yoga and fenugreek in the prevention of type 2 diabetes mellitus - Indian Prevention of Diabetes Study (IPDS) - ONGOING	2006-14	RSSDI	42.15 lacs

18. Inter-institutional collaborative projects and associated grants received

- a) National collaboration b) International collaboration

Principal Investigator	Title of the Project	Years	Funded by	Grant Rs.
Madhu SV	A multicentric, randomized, controlled trial of yoga and fenugreek in the prevention of type 2 diabetes mellitus - Indian Prevention of Diabetes Study (IPDS) - ONGOING	2006-14	RSSDI	42.15 lacs
	Innovative M-health led Participatory Approach to Comprehensive Screening and Treatment of Diabetes (IMPACT Diabetes)	2016-17	Collaborative project with The George Institute for Global Health, India 2015 funded by The European Foundation for the Study of Diabetes (EFSD)	

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

Principal Investigator	Title of the Project	Years	Funded by	Grant Rs.
Kalra OP	Role of genetic polymorphisms of renin-		DBT	37.18 lacs

	angiotensin-aldosterone on the reno-protective efficacy of angiotensin converting enzyme inhibitors in patients with diabetic nephropathy			
	Chronic kidney disease: A study of polymorphism of xenobiotic metabolizing enzymes dealing with persistent organic compounds and development of therapeutic interventions in vitro		DST	53.26 lacs
	Studies on oxidized phospholipids and lipoprotein associated - Phospholipase A2 in diabetic and non diabetic chronic kidney disease		UGC	13.51 lacs
	Spatial Analysis using Geographic Information System based maps to determine the impact of environmental and occupation hazards in causation of chronic obstructive pulmonary disease		UGC	9.24 lacs
Madhu SV	Registry of people with Diabetes in India with young age at Onset"	2006-13	ICMR	48.33 lacs
	Role of post-prandial lipaemia in the development of type -2 diabetes mellitus (T2DM) and related macrovascular disease	2011-14	DBT	44.93 lacs
	A multicentric, randomized, controlled trial of yoga and fenugreek in the prevention of type 2 diabetes mellitus - Indian Prevention of Diabetes Study (IPDS) - ONGOING	2006-14	RSSDI	42.15 lacs
	Role of stress and stress related physiological response in the development of	2007-10	ICMR	29.82 lacs

	diabetes mellitus			
	Role of testosterone and prolactin in cardiovascular risk associated with male type 2 diabetes mellitus and obesity	2013	ICMR	20.1 lacs
	Evaluation of Serum copeptin levels in newly detected diabetes mellitus patients	2015-16		8.62 lacs
	CLOCK gene expression and postprandial hypertriglyceridemia In healthcare shift workers	2016-19		17.44 lacs
Aggarwal A	Premature Graying - a Valuable Clinical Sign in Smokers Predating Early onset Coronary Artery Disease.	2013	UGC	1.2 lacs
Raizada A	A study on renal cell dysfunction by various potential agents responsible for chronic kidney disease of unknown etiology in vitro.	2 yrs	MRU	2,00,000

18. Inter-institutional
20. Research facility / centre with • state recognition • national recognition • international recognition **None**
21. Special research laboratories sponsored by / created by industry or corporate bodies
22. Publications: (2011-16)(Annexure 1)
 - * Number of papers published in peer reviewed journals (national / international)
 - * Monographs
 - * Chapters in Books
 - * Edited Books
 - * Books with ISBN with details of publishers
 - * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
 - * Citation Index - range / average
 - * SNIP
 - * SJR

- * Impact Factor – range / average
- * h-index

23. Details of patents and income generated **None**
24. Areas of consultancy and income generated **None**
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

SV Madhu	WHO Fellow at Joslin Diabetes centre, CDC, ATLANTA, Cleveland Clinic, USA
OP Kalra	Commonwealth Fellowship in Nephrology at Leicester General Hospital, U.K

26. Faculty serving in
- a) National committees b) International committees c) Editorial Boards d) any other (please specify)

NAME	ASSIGNMENT	DATES (From -To)
Aggarwal A	Member, General Medicine Editorial Board, Webmed Central plus	2013-2016
	Co-opted member, Board of Studies, PG Diploma in Preventive Cardiology (under Jamia Hamdard in collaboration with AIHF/NHI)	
	Member, Committee for IMA protocol for usage of different antibiotics	
	Member, Editorial board, World Journal of Cardiology	2015-17
	Secretary, Indian Society for Atherosclerosis Research	2015-17
	Secretary, UPDA NCR Branch	2015-17
	Joint Secretary, Association of Physicians of India, Noida Chapter	2016-18

	Member, International Advisory Board, Davidson Text book of Medicine	2016-18
Madhu SV		
Research society for 08 to till date Studies of diabetes in India	Hony Secy Member, Research Committee	01-01-01-04 till date
Endocrine Society of India	Executive Committee Member (National Executive)	2010
Journal Of Diabetes	Member , Editorial Board	2011 onwards
International Journal of Diabetes of Developing Countries	Associate Editor	01-01-08 till
RSSDI Textbook of Diabetes Mellitus 1 st , 2 nd & 3 rd Edition 2012-13	Editor	1 st Edition 2002 2 nd Edition 2007 3 rd Edition
Diebetes technologies & Therapeutics	Referee	2013
J Assoc Physicians India	Referee	2008 till date
Indian J of Endocrinology & Metabolism	National Advisory Board	2011 till
ICMR (reproductive health & endocrinology)	Expert Member Endocrinology Scientific Advisory Group	2013
INDian Diabetes Consortium INDICO onwards	Member, To carry out Genetic & epigenetic studies in Diabetes	2012

27.	Indian Obesity Network	Advisor	2013
28.	Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, t		
	Student projects		
	HIMSAR ,Jamia Hamdard	Expert and member selection	2012-13
	University	Committee, for Faculty	
		positions	
	AIIMS	External Examiner, DM	2012
		Endocrinology	

centage of students who have done in-house projects including inter-departmental projects **Post Graduates 100%, Undergraduates (ICMR STS)**

- percentage of students doing projects in collaboration with other universities / industry / institute

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

- Faculty

NAME	AWARD
Madhu SV	State Award, Govt. of NCT of Delhi
	Fellow, Indian College of Physicians
Kalra OP	Fellow, Indian College of Physicians
	State Award, Govt. of NCT of Delhi
	Fellow, Indian Society of Nephrology
Aggarwal A	Fellowship of Indian College of Physicians.
	Fellowship of Indian Society of Electrocardiology.
	Awarded 'Smt. Pawan Kumari Jain' oration of API DSC
	Fellowship of Indian Academy of Clinical Medicine
	Fellowship of International Medical Sciences Academy
	Fellowship of IMA Academy of Medical Specialities

Other Distinctions

- Doctoral / post doctoral fellows
- Students

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

CONFERENCE/CME HELD	DATES
'Medicine Update', UCMS – GTB Hospital, Delhi, India	28th Feb-1st Mar 2015
'2nd Regional CME of Indian Society of Nephrology', New Delhi, India	10 – 11th Nov 2012
'CME on Challenges faced by Medical Resident Doctors',	10th Oct, 2013

UCMS – GTB Hospital, Delhi, India	
41st Annual Scientific Meeting for Research Society for the Study of Diabetes in India, Greater Noida, India	8-10th November 2013
‘2nd International Congress on Gerontology and Geriatric Medicine’, New Delhi, India	25th-29th Feb, 2012
‘International Workshop for development of a Policy statement on Euthanasia and related End of Life Care issues in India’, New Delhi, India	5th-7th Aug, 2011
‘Medical Response to Disasters & Mass Casualty Management ’, UCMS – GTB Hospital, Delhi, India	28th-29th Sep, 2011
‘7th Indo-US Emergency Medicine Summit’, New Delhi, India	28th Sep-2nd Oct, 2011
‘Panel Discussion on Challenges faced by Medical Profession’, UCMS – GTB Hospital, Delhi, India	19th Sep, 2009
‘International CME on Atherosclerosis, Hypertension and Coronary Artery Disease & 15th Annual Conference of Indian Society of Hypertension’, UCMS – GTB Hospital, Delhi, India	12th-13th Nov, 2005
‘Workshop on Scientific Communication’ UCMS - GTB Hospital, Delhi, India	6th Apr, 2009
‘23rd Annual Conference of Indian Society for Atherosclerosis Research and International symposium on Atherosclerosis’, UCMS – GTB Hospital, Delhi, India	13th-14th Nov, 2010

31. Code of ethics for research followed by the departments **ICMR & IEC, UCMS**

32. Student profile programme-wise:

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

33. Diversity of students

Name of the Programme (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 and other competitive examinations? Give details category-wise.

35. Student progression

Student progression	Percentage against enrolled
UG to PG	
PG to M.Phil.	
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	33.3 %
from other universities within the State	6.7 %
from universities from other States	60 %
from universities outside the country	NIL

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

38. Present details of departmental infrastructural facilities with regard to

- a) Library **Yes**
- b) Internet facilities **Yes**
- c) Total number of class rooms **Four**
- d) Class rooms with ICT facility **Yes**
- e) Students' laboratories **No**

f) Research laboratories **Yes**

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

a) from the host institution/university

b) from other institutions/universities

40. Number of post graduate students getting financial assistance from the university.
100 %

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

42. Does the department obtain feedback from **(As Informal Consultation)**

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

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

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

43. List the distinguished alumni of the department (maximum 10)

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

**Invited lectures from outside Faculty
(National, International)**

45. List the teaching methods adopted by the faculty for different programmes.

**Clinico Pathological Conference
Multi Disciplinary Seminars
Workshops**

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? **Through periodic internal assessment, log books, presentations**

47. Highlight the participation of students and faculty in extension activities.

As part of community health check up camps of IDD Program, Diabetes awareness camps

48. Give details of “beyond syllabus scholarly activities” of the department.
Organizations of CME, Workshops as detailed in point 30.
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. **MCI recognized**
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. **Through research papers, PhD work as evident by publications (Annexure 1)**
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths	Weaknesses	Opportunities	Challenges
Varied clinical material	Lack of Super specialities	Ample clinical material	Constraint due to patient load
Cohesive medical faculty	Lack of infrastructure	Central location in NCR of Delhi	Burden of administrative work apart from clinical, research and teaching responsibilities
Freedom to pursue independent research		International exposure	

52. Future plans of the department. **PG courses in Emergency Medicine, DM courses in endocrinology & Nephrology**
53. Further requisite important information of the Department

1.	Number of units available	6
2.	Total number of available teaching beds with distribution	180: 30 in each unit
3.	Teaching complement in each unit	
4.	Departmental Library – Number of Books/Journals (national, international)	80
5.	Available Clinical Material	
	Average daily OPD	1279
	Average daily IPD	36
	Average daily bed occupancy rate	81 %
6.	Specialty clinics and services being provided by the department	Annexure 2
7.	List of important equipment available and their functional status	Annexure 3

8.	<u>OPD Space:</u>	No. of rooms	9	
		Waiting area for patients	Yes	
		Teaching Space	Yes	
		Equipment	BP instruments, thermometer	
9.	<u>Operation Theatres</u>	Numbers		
	AC/Non AC	9		
	Equipment			
	Pre-Anaesthetic Clinic	Yes		
	Post-anaesthetic care area	Yes		
	Resuscitation arrangement	Adequate		
	ICU	Yes		
	Total No. of cases operated	2012	2011	2010
	Major			
	Minor			
	Number of days operations carried out	365		
10	List of publications from the department for last three years.	Annexure 1		
11	Average Daily Investigative Workload			
	PAC Fitness			
	Radiology workload			
	Bio-Chemistry workload (24 hrs emergency lab)			
	Pathology workload including histopathology & FNAC			
	Microbiology workload			
12	Ongoing training programme for PG students	Bed side teaching, Seminars, PG Reviews, inter departmental postings		
13	PG students logbook	Available		
14	Teaching facilities:	Number	Size	Seating capacity
	Seminar Rooms	2	10mx8m	80 persons/room
	Demonstration Rooms	3	6mx4m	30 persons/room
	Audiovisual Aids:	Adequate		
15	Working Ward Side lab	Space No Facilities Technicians		

16	Blood Bank facilities	24 hours open: Yes Blood components: Available
17	Incinerator	Available
18	Laundry	Available
19	Central Supply of Oxygen/Suction	Available
20	Central sterilization department	Available
21	Hostels for UG & PG students	Available
22	Accommodation for Staff	Available

23. Office Accommodation:

- Departmental Office **Yes**
- Space **9 feet X 7 feet**
- Staff (Steno /Clerk). **Yes**
- Computer/ Typewriter: **Yes**

Office Space for Teaching Faculty:

- HOD **One room each in every department**
- Professor **One room each in every department**
- Assoc. Prof **One room each in every department**
- Asstt. Professor **Two in one room in every department**
- Resident duty room **Doctors' Duty room in each ward**

24. Clinic Pathological conference **Yes**

25. Death Review Meetings **Yes**

26. Submission of data to national authorities if any - **Yes**

27. Central Library:

- Total No. of Books. **18154**
- Books pertaining to Medicine
- Purchase of latest editions in last 3 years. **1175**

Medicine Books	Other Books

- Journals:

	Total	Medicine
Indian	52	
Foreign	135	

- Internet /Medlar/ Photocopy facilities **available.**
- Library opening timings: Main Library: **9.00 am to 8.00 pm**
- Reading facility out of routine library hours **24 Hours open**

28. Ethical Committee (Constitution) **Annexure 4**

29. Medical Education Unit (Constitution). **Annexure 5**

30. Emergency/Casualty Department

- No. of beds: **22**
- Equipment
- Available staff (Medical/Paramedical)

No. of casualty medical officers – 1 GDMO, 2 SRs (1 Medicine & 1 Surgery) and 2 JRs in main Casualty. In major clinical departments, one to two senior residents along with post graduate (1 PG/1 SR), junior resident and intern form the team in the Casualty. 1 Consultant per Clinical Deptt. on Call by rotation

- No. of cases (Average daily attendance of patients). **450 – 500 pts. & 60 – 70 MLC**
- Investigative facilities available (round the clock). **Basic emergency investigations**
- Facilities available **ventilators, defibrillators, monitors,**

31. Generator Facility: **Available**
Capacity:

32. Medical Record Section: **Computerized**

33. Recreational facilities:

- Play grounds. **Yes**
- Gymnasium **Yes**
- Auditorium **Yes**

34. Any other information.

List of Non-teaching Staff in the department: -

S.No.	Name	Designation
1	Mr. Deepak Bhaskar Mrs. Renu Mr. Ashok Kumar Mr. N.D. Singh Mr. Satish Kumar	E.C.G. Technician
2	Mr. N Yadav Mrs. Sandhya	Technical Assistant
3	Mr. Narender Yadav Mr. Binod Kumar Chandervanshi	Technician

	Seema Dhingra	
4	Mr. Om Prakash Mr. Sohanpal Mr. Dinesh Kumar Mr. Yogesh Bali Mr. Bhagat Singh	Lab. Attendants
5	Ms. Rajni Dutta	Steno-typist
6	Mr. Om Prakash	Peon

Signature of Head of the Department
With official stamp

4. Declaration by the Head of the Institution

I certify 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:

Place:
Delhi
Date:

List of publications by staff members in last 5 years (2011-2016)

Dr.O.P.Kalra

1. **Kalra OP**, Agarwal S. Obesity and chronic kidney disease: the unholy alliance and its implications. API Postgraduate Medicine, Editor BB Thakur, 2011; Vol 25:229-239.
2. **Kalra OP**, Aggarwal A. Rationale use of diuretics and pathophysiology of edema. Medicine update, Vol. 22, 2012, p 601-610.
3. **Kalra OP**, Gambhir JK, Khaira A, Kaur H. Role of high molecular weight apolipoprotein (a) isoforms on lipoprotein (a) levels in advanced chronic kidney disease and the effect of hemodialysis. Indian J Nephrol 2011; 21: S21 (NLO-13).
4. Malhotra K, Agarwal SR, **Kalra OP**. A study of prevalence of proteinuria in asymptomatic HIV-positive patients. Indian J Nephrol 2011; 21: S38 (CNP-41).
5. Ramesh Rao BA, **Kalra OP**, Agarwal S, Mehrotra G, Tripathi AK, Kumar S. Evaluation of endothelial nitric oxide synthase inhibitor and advanced oxidation protein products as risk factors for carotid atherosclerosis in patients with chronic kidney disease. Indian J Nephrol 2011; 21: S20 (NLO-11).
6. Ujjawal, **Kalra OP**, Agarwal S, Kalra N, Mehrotra G, Tripathi AK, Verma A. Evaluation of periodontal disease as a non-traditional risk factor for cardiovascular disease in chronic kidney disease. Indian J Nephrol 2011; 21: S5 (CNO-10).

Dr.M.P.Agarwal

1. Rakhe S, **Agarwal MP**, Bhatia MS, Aggarwal A. Study of post traumatic stress disorder in patients of acute coronary syndrome. JAPI 2015; 63: 40.
2. Sharma V, **Agarwal MP**, Giri S. Phrynoderma in a patient with megaloblastic anemia. Indian J Ophthalmol. 2011; 59:72-3.
3. Somambekar AA, **Agarwal MP**, Aggarwal A. Study of Factors Influencing Pre-Hospital Delay In Patients of Acute Stroke. JAPI 2014; 62: 138.
4. Sonambekar AA, Gupta N, **Agarwal MP**, Rajpal S, Aggarwal A. Plasmodium vivax associated myocarditis. EJCRIM 2014; 1: doi: 10.12890/2014_000039
5. Tomar LR, **Agarwal MP**, Aggarwal A, Narang S, Mishra K. Scalp swelling: An unusual presentation of small cell lung carcinoma. Indian Dermatol Online J. 2015; 6:55-7.
6. Tomar LR, **Agarwal MP**, Avasthi R, Banerjee BD. Study of serum organochlorine pesticide levels in patients with type 2 diabetes mellitus or impaired fasting glucose. 2013 Abstract book of 41st Annual Conference of Research Society for the Study of Diabetes in India (RSSDI-2013), 8th to 10th November, 2013, Greater Noida, NCR Delhi. P 59.
7. Tomar LR, **Agarwal MP**, Avasthi R, Tyagi V, Mustafa M, Banerjee BD. Serum organochlorine pesticide levels in patients with metabolic syndrome. Indian J Endocrinol Metab. Oct 2013; 17(Suppl1): S342–S344.

8. Tomar LR, **Agarwal MP**, Jain P, Aggarwal A. Cause of respiratory paralysis: kidney, not the lung. *Emergency care Journal* 2015;11:9-11.
9. Tomar LR, **Agarwal MP**, Sonambekar AA, Aggarwal A. MURCS association presenting as chronic renal failure. *Indian Journal of medical specialities* 2014 (accepted)

Dr. SV Madhu

1. Anjana RM, Pradeepa R, Das AK, Deepa M, Bhansali A, Joshi SR, Joshi PP, Dhandhanika VK, Rao PV, Sudha V, Subashini R, Unnikrishnan R, **Madhu SV**, Kaur T, Mohan V, Shukla DK. Physical activity and inactivity patterns in India - results from the ICMR-INDIAB study (Phase-1) [ICMR-INDIAB-5] ICMR-INDIAB Collaborative Study Group. *Int J Behav Nutr Phys Act.* 2014; 11(1):26.
2. Anjana RM, Pradeepa R, Deepa M, Datta M, Sudha V, Unnikrishnan R, Bhansali A, Joshi SR, Joshi PP, Yajnik CS, Dhandhanika VK, Nath LM, Das AK, Rao PV, **Madhu SV**, Shukla DK, Kaur T, Priya M, Nirmal E, Parvathi SJ, Subhashini S, Subashini R, Ali MK, Mohan V. ICMR-INDIAB Collaborative Study Group. Prevalence of diabetes and prediabetes (impaired fasting glucose and/or impaired glucose tolerance) in urban and rural India: phase I results of the Indian Council of Medical Research-India DIABetes (ICMR-INDIAB) study. *Diabetologia* 2011; 54: 3022-27.
3. Anjana RM, Pradeepa R, Deepa M, Datta M, Sudha V, Unnikrishnan R, Nath LM, Das AK, **Madhu SV**, Rao PV, Shukla DK, Kaur T, Ali MK, Mohan V. The Indian Council of Medical Research-India Diabetes (ICMR-INDIAB) study: methodological details. *J Diabetes Sci Technol* 2011; 5: 906-14.
4. Aslam M, Aggarwal S, Sharma KK, Galav V, **Madhu SV**. Postprandial Hypertriglyceridemia Predicts Development of Insulin Resistance Glucose Intolerance and Type 2 Diabetes. *PLoS One.* 2016 Jan 25;11(1):e0145730.
5. Bhansali A, Dhandhanika VK, Deepa M, Anjana RM, Joshi SR, Joshi PP, **Madhu SV**, Rao PV, Subashini R, Sudha V, Unnikrishnan R, Das AK, Shukla DK, Kaur T, Mohan V, Pradeepa R. Prevalence of and risk factors for hypertension in urban and rural india: the ICMR-INDIAB study. Accepted for publication in *Journal of Human Hypertension*, 2014.
6. Chauhan G, Tabassum R, Mahajan A, Dwivedi OP, Mahendran Y, Kaur I, Nigam S, Dubey H, Varma B, **Madhu SV**, Mathur SK, Ghosh S, Tandon N, Bharadwaj D. Common variants of FTO and the risk of obesity and type 2 diabetes in Indians. *J Hum Genet.* 2011; 56: 720-26.
7. Chawla D, Bansal S, Banerjee BD, **Madhu SV**, Kalra OP. Role of advanced glycation end product (AGE)-induced receptor (RAGE) expression in diabetic vascular complications. *Tripathi AK. Microvasc Res.* 2014 Sep;95:1-6.
8. *Diabetes in India.* 1st Edition, 2nd Edition (2007), 3rd Edition 2011-12 and 4th Edition 2014.
9. Garg S, Gupta S, Mobeen MS, **Madhu SV**. Effect of obesity and glycated hemoglobin on oxygen saturation in ambulatory type 2 diabetic individuals: A pilot study. *Diabetes Metab Syndr.* 2016 Jan 14. pii: S1871-4021(15)30081-3.
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SPECIALITY CLINICS ATTENDENCE

S.No	Clinic name
1	Chest
2	Nephrology
3	Cardiology & PCC
4	Diabetic Clinic
5	Endocrine and Metabolic
6	Hypertension

ANNEXURE - 3

LIST OF MAJOR EQUIPMENTS IN DEPARTMENT OF MEDICINE

- Automatic gamma counter
- BiPAP 4
- Cardiac defibrillator - 8
- Cardiac monitors 29
- Centrifuge machine: 01
- Conductivity meter: 01
- CRRT machines: 02
- Deep freezer
- ECG machine 2
- Echo 1
- EEG 1
- Electronic ultra micro balance
- Elisa reader & washer
- EMG Help of Physiology Deptt & IHBAS is taken.
- Endoscopy 1
- Evoked potentials Yes help from Physiology Deptt. - 1
- Glucometer 8
- Hemodialysis chair: 01
- Holter monitoring 1
- Hot air oven: 01
- Infusion pump 9
- Manual gamma counter
- Osmometer
- Portable ventilators -9
- Pulse oximeter 7
- Reverse Osmosis Water Treatment Plant – 1
- Single patient haemodialysis machines - 12
- Spectrophotometer
- TMT 1
- UV visible spectrophotometer
- Ventilators 8

Details of Members of IEC-HR, UCMS

Name	Qualification	Address	Designation	Title	Telephone	Fax	Email	Specialty	Affiliation	Patient group
1. JK Gambhir	MSc (H), PhD, MNAMS	Dept of Biochemistry UCMS, Dilshad Garden Delhi 110095	Member	Professor	22582971 ext 5206 9811641277	22590495	jassigambhir@yahoo.co.in	Biochemistry	UCMS, Delhi	NA
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4. Meena Gupta	DM Neurology	Dept of Neurology GB Pant Hospital Delhi	Chairman	Director- Professor	23231298		drmeenagupta@gmail.com	Neurology	GB Pant, Delhi	NA
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7. PS Bindra	LLB	B7/F1 Dilshad Garden Delhi 110095	Member Legal Expert	Advocate	9810574319				Delhi High Court	NA
8. HS Prasad		Dept of Philosophy University of Delhi Delhi 110007	Member	Professor	9015778772		Prof.hsprasad@gmail.com	Philosophy Ethics Theology	University of Delhi	NA
9. Ravinder Mohan		Kanak Durga Basti Vikas Kendra Sec 12, RK Puram New Delhi 110022	Member NGO	Head, Training and Research	9818215821		ravindermohan@gmail.com	Palliative Care	CanSupport	Cancer
10. JP Rastogi		G100/A, Dilshad Colony Delhi 110095	Member		22352092 22353292					

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MEDICAL EDUCATION UNIT

(a) Staff

Hon. Coordinator	Prof. Navjeevan Singh	Deptt. of Pathology
Hon. Faculty	1.Prof. A. Bhatia 2.Prof. B.K. Jain 3.Prof. S.N. Bhattacharya 4.Prof. Upreet Dhaliwal 5.Prof. P. Gupta 6.Prof. S.V. Madhu	Deptt. of Pathology Deptt. of Surgery Deptt. of Dermatology Deptt. of Ophthalmology Deptt. of Pediatrics Deptt. of Medicine
Supportive Staff Computer Operator/ Stenographer	NIL	

(b) List of Equipments

1. HP Pentium IV Computers – 10 nos.
2. Overhead projector – nos.1
3. HP Colour laser printer – nos.1
4. Cannon Scanner/Printer/Copier – nos.1
5. Epson LCD Projector
6. Laptop – nos.1

(c) Teaching and training material available

Preparation of Medical Illustrations, Posters, Power-point presentations, Clinical/Gross Photography as requested by faculty for presentations. In national/international conferences, Symposia, CMEs and Workshops.

List of Staff Members

1. Mrs. Sunita Samvedi
2. Mr. H.P. Singh
3. Mr. Ashish Oberoi
4. Mr. N.S. Negi
5. Mr. Naveen Kumar

STA (Artist)
Photographer
Darkroom Asstt.
Technical Asstt.
Junior Astt.

S. S. Samvedi
8/12/11