

Evaluative Report of the School of Allied Health Science (SAHS)

1. **Name of the School:** School of Allied Health Sciences
2. **Year of establishment:** 2009
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.):**
UG & PG

5. Interdisciplinary programmes and departments involved

S. No	Interdisciplinary Academic Programs	Departments Involved
1	M. Sc Clinical Research (2-Yr Program)	Anatomy, Physiology Biochemistry, Pharmacology, Medicine, Surgery, Pediatrics ,Hospital Lab. Services (SMSR)
2	M.Sc.(Medical Anatomy) (2-/3-Yr Program)	Anatomy, Physiology ,Biochemistry (SMSR)
3	M.Sc.(Medical Physiology) (2-/3-Yr Program)	Anatomy, Physiology, Biochemistry (SMSR)
4	M.Sc.(Medical Bio Chemistry) (2-/3-Yr Program)	Anatomy, Physiology , Biochemistry (SMSR)
5	M.Sc.(Medical Microbiology) (2-/3-Yr Program)	Anatomy, Physiology , Biochemistry , Pathology, Microbiology (SMSR)
6	M.Sc.(Medical Pharmacology) (2-/3-Yr Program)	Anatomy, Physiology , Biochemistry, Pharmacology (SMSR)

7	Bachelor In Physiotherapy(BPT) (4 ½ -Yr Program)	Anatomy, Physiology, Biochemistry, Pathology, Microbiology, Pharmacology, Medicine, Pediatric , Respiratory and Chest Diseases, Cardiology, Neurology, Surgery, Orthopedics, Neurosurgery (SMSR)
8	PG Dip. In Clinical Research (1-Yr Program)	Anatomy, Physiology, Biochemistry, Pharmacology (SMSR)
9	B.Sc.(MLT) (3½ -Yr Program)	Anatomy, Physiology, Biochemistry, Pathology, Microbiology , Pharmacology (SMSR)
10	B.Sc. (Nutrition & Dietetics) (3-Yr Program)	Anatomy, Physiology, Biochemistry, Pathology , Microbiology (SMSR)
11	Bachelor of Optometry (B. Optom) (4-Yr Program)	Anatomy, Physiology , Biochemistry, Pathology, Microbiology , Pharmacology, Ophthalmology (SMSR)
12	B.Sc. in Medical Imaging Technology (BMIT) (3-Yr Program)	Anatomy, Biochemistry, Physiology, Radiology , Imaging (SMSR) Physics (SET)
13	Dip. In Medical Lab Technology (2-Yr Program)	Anatomy, Physiology , Biochemistry, Pathology, Microbiology, Pharmacology (SMSR)
14	Dip. In Dietetics & Public Health Nutrition (DDPHN) (1-Yr Program)	Anatomy, Physiology , Biochemistry, Pathology , Microbiology (SMSR)
15	Dip. In Operation Theater Techniques (2-Yr Program)	Anatomy, Physiology , Biochemistry, Pathology, Microbiology ,Pharmacology , Surgery Anesthesiology

(SMSR)

6. **Courses in collaboration with other universities, industries, foreign institutions, etc. :**
M.Sc. Clinical Research
7. **Details of programmes discontinued, if any, with reasons:**
NO
8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System:**
Annual
9. **Participation of the department in the courses offered by other departments:**
SMSR, SNSR & SET
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 Professors		Nil	Nil
Asst. Professors		6	6
Others: Visiting/Guest Faculty		1	01+24

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
Dr. K.K. Sharma	MBBS;MD (Pharmacology & Therapeutics)	Professor of Pharmacology & Dean, School of Allied	Pharmacology	45 Years	2
Dr. Rahul Saxena	MSc; PhD (Biochemistry)	Assistant Professor	Biochemistry	5	NA
Dr. Supriya Awasthi	MPT	Assistant Professor	Orthopedic/Musculo-skeletal & sports	04 Years	NA
Dr. Kapil Chaudhary	MPT	Assistant Professor	Orthopedic/Musculo-skeletal & sports	04 Years	NA
Ms. Shivani	MA; (Clinical Psychol), MPhil PhD, (Scholar-Clinical Psychology)	Assistant Professor	Clinical Psychology	05 Years	NA
Dr. Anshu Nanda	BDS; PG Diploma (Clinical Research); MBA	Assistant Professor	Clinical Research	05 Years	NA

Dr. Samanvi ta Bajpai	MSc, M Phil, PhD(Microbiology)	Tutor	Microbiology	05 Years	NA
Ms. Bushra Shaida	M. Phil (Food and Nutrition)	Assistant Professor	Food & Nutrition	03 Years	NA
MS. Anshu Agarwal	M.Sc. (Food and Nutrition)	Tutor and Dietician	Food & Nutrition	05 Years of	NA
Ms. Bushra Khan	M.Sc. (Medical Imaging Technology)	Tutor	Radiology	1.2 Years	NA
Mr. Pawan Kumar	B.Sc (Optometry)	Tutor	Ophthalmology	5 year clinical & teaching	NA

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

Guest Faculty:

- I. Prof. Y. K Gupta - All India Institute of Medical Sciences New Delhi
- II. Prof. C.D. Tripathy - Vardhman Medical College, Safdarjung Hospital New Delhi.
- III. Dr. S.K Bhattacharya - Indian Council Medical Research, New Delhi
- IV. Dr. Banty Sheware - All India Institute of Medical Sciences New Delhi
- V. Sneha Gupta - Asiatic Clinical Research Pvt. Ltd.
- VI. Dr. M Amin Mir - Fortis Clinical Research Ltd
- VII. Dr. Sanjeev Ganguly - Door Step Doctor Pvt Ltd Noida
- VIII. Dr. Sanjeev Roy - Fortis Clinical Research Ltd
- IX. Mr. Ankush Pandey - IRL Research Pvt Ltd
- X. Dr. Santanu Tripathi - Indian Pharmacological society, Kolkata
- XI. Dr. Varun Gupta - JN Medical College, AMU, Aligarh/Elsevier Publishing Co, ND
- XII. Gaurav Bhatia - KPS Clinical Services Clinical Research Ltd
- XIII. Mr. Moin Don - Johnson & Johnson Ltd Mumbai

- XIV. Dr. Mukesh Kumar - India council of Medical Research
 XV. Mr. Mukesh - KPS Clinical Services
 XVI. Gargi Rathor - IECT
 XVII. Dr. Kohkan Shamsi - Ecron Acunova Ltd.
 XVIII. Amit Sahu - Fortis Clinical Research Ltd
 XIX. Mr. Syed Ziaul Abrar Hussain – Jubilant Clinical Research Pvt. Ltd.
 XX. Dr. Chander Shekhar - India council of Medical Research
 XXI. Muneeb Ahsan - Jubilant Clinical Research Pvt Ltd.
 XXII. Dr. Tarun Patel - Ranbaxy Laboratory Pvt. Ltd.
 XXIII. Mr. Dinesh Mishra - Max health Care Okhla New Delhi
 XXIV. Mr. Devendra Yadav - Evalueserve Pvt. Ltd.

13. Percentage of classes taken by temporary faculty – programme-wise information:

S. No	Academic Programs	Temporary Faculty
1	M. Sc Clinical Research (2-Yr Program)	5% to 20%
2	M.Sc.(Medical Anatomy) (2-/3-Yr Program)	5% to 20%
3	M.Sc.(Medical Physiology) (2-/3-Yr Program)	5% to 20%
4	M.Sc.(Medical Bio Chemistry) (2-/3-Yr Program)	5% to 20%
5	M.Sc.(Medical Microbiology) (2-/3-Yr Program)	5% to 20%
6	M.Sc.(Medical Pharmacology) (2-/3-Yr Program)	5% to 20%
7	Bachelor In Physiotherapy(BPT) (4 ½ -Yr Program)	5% to 10%
8	PG Dip. In Clinical Research (1-Yr Program)	5% to 20%
9	B.Sc.(MLT) (3½ -Yr Program)	5% to 10%
10	B.Sc. (Nutrition & Dietetics)	5% to 10%

	(3-Yr Program)	
11	Bachelor of Optometry (B. Optom) (4-Yr Program)	5% to 10%
12	B.Sc. in Medical Imaging Technology (BMIT) (3-Yr Program)	1% to 2%
13	Dip. In Medical Lab Technology (2-Yr Program)	-----
14	Dip. In Dietetics & Public Health Nutrition (DDPHN) (1-Yr Program)	5% to 10%
15	Dip. In Operation Theater Techniques (2-Yr Program)	-----

14. Programme-wise Student Teacher Ratio

S. No	Academic Programs	Student : Teacher Ratio
1	M. Sc Clinical Research (2-Yr Program)	1×5 to 1×15
2	M.Sc.(Medical Anatomy) (2-/3-Yr Program)	1×5
3	M.Sc.(Medical Physiology) (2-/3-Yr Program)	1×5
4	M.Sc.(Medical Bio Chemistry) (2-/3-Yr Program)	1×5
5	M.Sc.(Medical Microbiology) (2-/3-Yr Program)	1×2 to 1×5
6	M.Sc.(Medical Pharmacology) (2-/3-Yr Program)	1×1
7	Bachelor In Physiotherapy(BPT) (4 ½ -Yr Program)	1×10

8	PG Dip. In Clinical Research (1-Yr Program)	1×5 to 1×15
9	B.Sc.(MLT) (3½ -Yr Program)	1×5
10	B.Sc. (Nutrition & Dietetics) (3-Yr Program)	1×5
11	Bachelor of Optometry (B. Optom) (4-Yr Program)	1×5
12	B.Sc. in Medical Imaging Technology (BMIT) (3-Yr Program)	1×5
13	Dip. In Medical Lab Technology (2-Yr Program)	1×5
14	Dip. In Dietetics & Public Health Nutrition (DDPHN) (1-Yr Program)	1×5
15	Dip. In Operation Theater Techniques (2-Yr Program)	1×5

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

	Sanctioned	Filled	Actual (including CAS & MPS)
Executive Assistant	01	01	01
Office Assistant	01	01	01
Care taker	01	01	01
Peon	02	02	02

16. Research thrust areas as recognized by major funding agencies:
NA

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.:** NA
18. **Inter-institutional collaborative projects and associated grants received**
 a) **National collaboration:** NA
 b) **International collaboration:** NA
19. **Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.:**
 NA
20. **Research facility / centre with**
- **state recognition:** NA
 - **national recognition:**
 Central Research Lab present in the SMSR is used which is recognized by MCI
 - **international recognition:** NA
21. **Special research laboratories sponsored by / created by industry or corporate bodies**
 Research Lab with advance facilities of HPLC and PCR are available with the SMSR is utilized.
22. **Publications:**
- * **Number of papers published in peer reviewed journals (national / international)**
 Prof. K.K Sharma 155 (Impact factor-0.5 - 39.2; 2013-14)
 - * **Monographs**
 Prof. K.K Sharma 34
 - * **Chapters in Books:** 34
 - * **Edited Books:** 02
 - * **Books with ISBN with details of publishers**
 Prof. K.K Sharma 06

1. Sharma KN, **Sharma KK**, Sen P, editors. Generic Drugs, Biequivalence and Pharmacokinetics. New Delhi: University College of Medical Sciences. 1990.
2. Sharma HL, **Sharma KK**. General Pharmacology. Basic Concepts. 1st Edn. Hyderabad: Paras Medical Publishers; 1999.
3. Sharma HL, **Sharma KK**. General Pharmacology. Basic Concepts. 2nd Edn. Hyderabad: Paras Medical Publishers; 2003.
4. Sharma HL, **Sharma KK**. Principles of Pharmacology. 2nd Edn. Hyderabad: Paras Medical Publishers; 2007. (ISBN: 81-8191-176-8)
5. Sharma HL, **Sharma KK**, Gupta DK. Textbook of Dental Pharmacology. 1st Edn. Hyderabad: Paras Medical Publisher; 2008. (ISBN: 978-81-8191-249-7)
6. Sharma HL, **Sharma KK**. Pharmacology for Physiotherapist. 1st Edn. Hyderabad, Paras Medical Publishers; 2009. (ISBN: 978-81-8191-287-9)

* **Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)**

145

* **Citation Index – range / average**

* **SNIP**

* **SJR**

* **Impact Factor – range / average**

Impact factor-0.5 - 39.2; 2013-14

* **h-index**

23. Details of patents and income generated: NA

24. Areas of consultancy and income generated: NA

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

01 (Dr. K.K. Sharma)

Designation	Institution	Duration
Assistant Professor of Pharmacology	Faculty of Medicine, Al-Fateh University, Tripoli (Libya)	22.10.1981 – 31.08.1984 (2 yr 10 months)
Visiting Scientist	Department of Pharmacology, St. Bartholomew Hospital, London, UK	July – August 1984
Visiting Scientist (Under Indo-USSR Scientist Exchange Programme under ICMR)	P K Anokhin Institute of Physiology, First Moscow Medical Institute, Moscow, USSR	20.10.1988 – 04.12.1988 (1½ months)
Invited Speaker and Delegate Scientist to attend II Indo-USSR Collaborative Conference on Neurophysiology and to visit Dept. of Pharmacology/ Physiology	P K Anokhin Institute of Physiology and First Moscow Medical Institute, Moscow, USSR	Oct-90
Visiting Professor (Department of Pharmacology)	B.P. Koirala Institute of Health Sciences, Dharan, Nepal	01.12.1994 – 05.02.1995 (2 months)
Invited Member, Academic Committee to formulate the syllabus and curriculum for the MD (Clinical Pharmacology and Therapeutics)	B.P. Koirala Institute of Health Sciences, Dharan, Nepal	14.02.1997 – 21.02.1997

Professor of Pharmacology (Under Govt. of India deputation)	B.P. Koirala Institute of Health Sciences, Dharan, Nepal	28.09.2000 – 29.12.2001 (1 yr 3 months)
External Examiner to conduct MD (Pharmacology & Therapeutics) Examination	B.P. Koirala Institute of Health Sciences, Dharan, Nepal	July 23 – 29, 2004 (1 week)
External Examiner to conduct MD (Pharmacology & Therapeutics) Examination	B.P. Koirala Institute of Health Sciences, Dharan, Nepal	July 21 – 24, 2006
External Examiner to conduct MD (Pharmacology & Therapeutics) Examination	B.P. Koirala Institute of Health Sciences, Dharan, Nepal	Aug 26 – 29, 2008
International Assessor, M.Sc. (Clinical Research) Program Conducted at ICRI, New Delhi, Mumbai, Bangalore, Branches	Crainfield University, UK	Aug 2007- 2009
International Assessor, M.Sc. Pharmacovigilance Program Conducted at ICRI, New Delhi, Mumbai, Bangalore, Branches	Crainfield University, UK	Aug 2008- 2009

26. Faculty serving in

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

Prof. K.K Sharma

Member, Advisory Committee for Research Projects Evaluation:

- Department of Science & Technology (DST)
- Indian Council of Medical Research (ICMR)
- Council of Scientific & Industrial Research (CSIR)
- University Grant Commission (UGC)
- Ministry of Environment and Forest, Govt. of India, Delhi
- Projects/Protocols/Proposals, Reports / Research Ethics appraised at Lady Hardinge Medical College for onward transmission to Grant-in-Aid Agencies.
- Ministry of Chemicals and Fertilizers, Govt. of India, Delhi.
- Ministry of Health and Family Welfare, Govt. of India, Delhi.
- WHO Essential Drug Programme, SEARO, New Delhi.
- International Clinical Epidemiology Network, New Delhi; Gurgaon.

Editorial Board / Peer Review / Scientific Expert to Evaluate the Scientific Publications

1. Editorial Assistant (Oct 1989 - Dec 1995)
Annals of the National Academy of Medical Sciences (India)
2. Member, Editorial Board_ (Since Jan 1996- till date)
Annals of the National Academy of Medical Sciences (India)
3. Assistant Editor(2006 – 08), Annals of the National Academy of Medical Sciences (India)
4. Associate Editor (2008 – to date), Annals of the National Academy of Medical Sciences (India)
5. Member, Editorial Board (2001 – 2008) Annals of Academy of Neurosciences.
6. Member, Editorial Board (Since Jan 1995 – 2007)
Indian Journal of Pharmacology
7. Referee-on-Panel for Reviewing the Scientific papers for:
 - Applied Medicine
 - British Journal of Clinical Pharmacology
 - European Journal of Pharmacology
 - European Neuropsychopharmacology
 - Pharmacology, Biochemistry and Behaviour (La Jolla, CA, USA)

- Life Sciences Journal (Tuscan, Arizona, USA)
- Current Medical Practice
- Current Science
- Health Renaissance
- Indian Drugs
- Indian Journal of Clinical Biochemistry
- Indian Journal of Experimental Biology
- Indian Journal of Forensic Medicine and Toxicology
- Indian Journal of Hospital Pharmacy
- Indian Journal of Medical Research
- Indian Journal of Medical Sciences
- Indian Journal of Pharmacology
- Indian Journal of Physiology and Pharmacology
- Journal of Biosciences
- Journal of Pharmacovigilance & Drug Safety
- Journal of Postgraduate Medicine

Position Held in Executive Committees of National/ International Societies/ Associations

1. Member, Executive Committee (Elected): Indian Pharmacological Society (IPS) - Jan-Dec 1979.
2. Senior Vice President (Elected): Indian Pharmacological Society (IPS) - Jan-Dec 1993.
3. Secretary (Elected): Delhi Branch of Indian Pharmacological Society (DB-IPS) - Jan 1979 - Dec 1981.
4. Member, Executive Committee (Elected): Delhi Branch of Indian Pharmacological Society (DB-IPS) - 1986-88/1989-91/ 1997-99.
5. Secretary (Elected): Indian Society for Pain Research & Therapy (ISPRAT) - 1989-91/1991- 93.
6. Finance Secretary (Treasurer) (Elected): Indian Society for Pain Research & Therapy (ISPRAT) - 1993 - 95.
7. President (Elected), Indian Society for Pain Research and Therapy - 2003-05.
8. Vice President (Elected), Indian Academy of Neurosciences - 2003–04.
9. President (Elected), Society of Pharmacovigilance (India) - 2007-

08/2008-09.

10. President (Elected), Indian Society for Rational Pharmacotherapeutics-2008-10.

Other Academic in Professionals work Undertaken in Medical Care and Scientific Institutions

1. Chair Person, Institutional Ethics Committee, Saket City Hospital, New Delhi.
 2. Member Independent Ethics Committee, INCLEN, Okhla, Industrial Area, New Delhi.
 3. Member Data Management Committee, International, Rota Virus Vaccine Trial, Independent Ethics Committee, INCLEN, Okhla, Industrial Area, New Delhi.
 4. Member Institutional Ethics Committee, Sir Ganga Ram Hospital, New Delhi.
 5. Member, Institutional Ethics Committee, Artemis Hospital, Gurgaon.
- 27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).**
- A. The faculty members are encouraged to attend Scientific Conferences, CMEs, Workshops, Seminars, Symposia, etc. organized by the National and International Professional Bodies to keep them abreast with recent advances in their areas of interest as well as to develop skills in medical and health care and teaching and learning processes.
 - B. Every Year refresher Courses/Programs are organized in different Schools of the University to train and re-train the faculty members in teaching and research methodologies.
- 28. Student projects**
- **percentage of students who have done in-house projects including inter- departmental projects:**
5% to 10% every Year
 - **percentage of students doing projects in collaboration with other universities / industry / institute:**

2%, Occasionally depending on the project work.

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

- **Faculty:**
- **Doctoral / post doctoral fellows**
- **Students**

AWARDS AND DISTINCTIONS

Dr. K.K. Sharma

(a) To Self

1. Merit Certificate for standing III (3rd out of 127 students) in Second MBBS Examination 1966.
2. World Congress ISHR Travel Bursary Award (1980):
 - 10th World Heart Congress, International Society for Heart Research, Moscow
3. IUPHAR Travel Fellowship Award (1984):
 - 9th International Congress of Pharmacology, IUPHAR, London
4. Visiting Scientist Fellowship Award (1988):
 - Indo-USSR Plan of Cooperation in Medical Sciences, USSR Academy of Medical Sciences through ICMR. This Fellowship was awarded as Visiting Scientist to work in the PK Anokhin Institute of Normal Physiology, USSR Academy of Medical Sciences, Moscow, Russia, Oct - Dec 1988 under Indo-USSR Plan of Cooperation in Medical Sciences & Public Health.
 - Worked on Role of Peptides (Bradykinin and Substance P) in emotional behaviour induced by hypothalamic stimulation in rabbits.
 - Visited Institute of Pharmacology, Moscow, and All Union Research Centre for Medical-Biological Problems on Narcology, USSR, Moscow. Oct - Dec 1988.
5. ICMR Travel Fellowship Award (1990):
 - To attend and present research work in 3rd Soviet-Indian Symposium on "Neurophysiological Basis of Motivations and Emotional Stress" at Pestovo, Serpukhov, Moscow, USSR, October 15-17, 1990.
 - Presented a paper on "Opioid, nonopioid and selective

neurotransmitter mechanisms in stress-induced emotional behaviour", and

- Participated in Group Discussion on Neurophysiological mechanisms of Emotional Responses,
 - Visited Department of Pharmacology, First Moscow Medical Institute and participated in Group Discussion on Computer Models of Problem-Based Teaching in Pharmacology and visited Computer Cell dealing with such teaching/learning models.
6. Distinguished Teacher Award (1996)
 - UCMS Alumini Association, New Delhi
 7. Fellowship of the National Academy of Medical Sciences (India)
 - FAMS 1999.
 8. Fellowship of the Indian Pharmacological Society – FIPS 2004.
 9. Sir Shriram Memorial Oration Award 2004-2005 by the National Academy of Medical Sciences (India).
 10. Professor G. Achari Oration Award of the Indian Pharmacological Society (IPS), 2006-07.
 11. Dr. Y.K. Gupta Oration Award (2010-2011) of the KG Medical University, Lucknow

(b) To Co-workers/Students for Collaborative Research

1. Dr. A Ray 1984: Uvnas Prize (Indian Pharmacological Society) on Paper "Effect of histaminergic drugs on foot-shock induced aggression" (Authored by A Ray, KK Sharma & P Sen - European J Pharmacol **73**: 217-219, 1981).
2. Dr. Kavita Gulati 1992: Received the Achari Prize (Indian Pharmacological Society) on Paper "Opioidergic regulation of food intake modulation by vasopressin" (Authored by K Gulati & KK Sharma).
3. Dr. Kh. Reeta 2006: Received Dr. C.L. Malhotra Prize (Association of Physiologists and Pharmacologists of India) for best published paper "Role of κ - and δ - opioid receptors in the antinociceptive effect of oxytocin in formalin induced pain response in mice" (Authored by Reet Kh, Mediratta PK, Rathi N, Jain H, Chugh C, Sharma KK - Regulatory Peptides 2006; 135: 85-90).

4. Ms. Nidhi 2008: Received Certificate of Appreciation Under Prof. P.C. Dandiya Prize for her research paper titled “Protective effects of α -lipoic acid on cognition derangement induced by topiramate in pentylenetetrazole kindled mice” (Authored by Nidhi B, Mediratta PK, Sharma KK) presented in Poster Session of International Conference of translational Pharmacology & 41st Annual Conference of Indian Pharmacological Society, AIIMS, New Delhi, 18-20 December, 2008.
5. Ms. Nidhi 2009: Received Best Paper Award in Basic Pharmacology for paper titled “Curcumin protects against pentylenetetrazole-induced kindling in mice” (Authored by Nidhi B, Mediratta PK, Sharma KK) during 1st National Symposium cum Workshop on Problem-based Teaching/Learning and formulation of a Need-based Contemporary Curriculum in UG Pharmacology Education, UCMS Delhi, from 27–28 Feb 2009.

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

NA

31. Code of ethics for research followed by the departments

- A. Code of ethics for Clinical Research are followed as per guidelines of:
 - (a) WMA Declaration of Helsinki-Ethical Principles for Medical Research Involving Human Subjects,
 - (b) International GCP Guidelines,
 - (c) ICMR Guidelines, and
 - (d) Schedule-Y Guidelines as notified by the CDSCO, DCGI, Ministry of Health and Family Welfare Govt. of India, New Dlehi.
- B. Code of Ethics for Experimental Animal Research are followed as per guidelines notified by:
 - (a) The Indian National Science Academy, New Delhi, and
 - (b) CPSCEA Ministry of Environment and Forests, Govt. of India, New Delhi.

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M. Sc Clinical Research (2-Yr Program)		2	4	70 to 90	70 to 90
M.Sc.(Medical Anatomy) (2-/3-Yr Program)		2	3	70 to 90	70 to 90
M.Sc.(Medical Physiology) (2-/3-Yr Program)		0	0	..........	...............
M.Sc.(Medical Bio Chemistry) (2-/3-Yr Program)		2	0	70 to 90	70 to 90
M.Sc.(Medical Microbiology) (2-/3-Yr Program)		6	8	70 to 90	70 to 90
M.Sc.(Medical Pharmacology) (2-/3-Yr Program)		0	2	..........	..........
Bachelor In Physiotherapy(BPT) (4 ½ -Yr Program)		47	86	70 to 90	70 to 90
PG Dip. In Clinical Research		0	0	70 to 90	70 to 90

(1-Yr Program)					
B.Sc. in Medical Laboratory Technology (BMLT)		28	35	70 to 90	70 to 90
(3½ -Yr Program)					
B.Sc. (Nutrition & Dietetics)		0	3	.....	.....
(3-Yr Program)					
Bachelor of Optometry (B. Optom)		2	5	.....	.....
(4-Yr Program)					
B.Sc. in Medical Imaging Technology (BMIT)		20	11	.....	.....
(3-Yr Program)					
Dip. In Medical Lab Technology (DMLT)		29	4	70 to 90	70 to 90
(2-Yr Program)					
Dip. In Dietetics & Public Health Nutrition (DDPHN)		0	0	70 to 90	70 to 90
(1-Yr Program)					
Dip. In Operation Theater Techniques (DOTT)		7	0	70 to 90	70 to 90
(2-Yr Program)					

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
M. Sc Clinical Research (2-Yr Program)	----- -----	10 to 20	80 to 90	----- -----
M.Sc.(Medical Anatomy) (2-/3-Yr Program)	----- -----	10 to 20	80 to 90	----- -----
M.Sc.(Medical Physiology) (2-/3-Yr Program)	----- -----	10 to 20	80 to 90	----- -----
M.Sc.(Medical Bio Chemistry) (2-/3-Yr Program)	----- -----	10 to 20	80 to 90	----- -----
M.Sc.(Medical Microbiology) (2-/3-Yr Program)	----- -----	10 to 20	50 to 70	20 to 30
M.Sc.(Medical Pharmacology) (2-/3-Yr Program)	----- -----	10 to 20	80 to 90	----- -----

Bachelor In Physiotherapy(BPT) (4 ½ -Yr Program)	----- -----	10 to 20	60 to 90	20 to 30
PG Dip. In Clinical Research (1-Yr Program)	----- -----	10 to 20	80 to 90	----- -
B.Sc.(MLT) (3½ -Yr Program)	----- -----	10 to 20	50 to 70	20 to 30
B.Sc. (Nutrition & Dietetics) (3-Yr Program)	----- -----	10 to 20	80 to 90	----- -
Bachelor of Optometry (B. Optom) (4-Yr Program)	----- -----	10 to 20	50 to 70	20 to 30
B.Sc. in Medical Imaging Technology (BMIT) (3-Yr Program)	----- -----	10 to 20	50 to 70	20 to 30
Dip. In Medical Lab Technology (2-Yr Program)	----- -----	10 to 20	80 to 90	----- -
Dip. In Dietetics & Public Health Nutrition (DDPHN) (1-Yr Program)	----- -----	10 to 20	80 to 90	----- -

Dip. In Operation Theater Techniques (2-Yr Program)	----- -----	10 to 20	80 to 90	----- -
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34. **How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**

Not Applicable

35. **Student progression**

Student progression	Percentage against enrolled
UG to PG	NONE
PG to M.Phil.	NONE
PG to Ph.D.	Two
Ph.D. to Post-Doctoral	NONE
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	10% to 20% 80% to 90%
Entrepreneurs	NONE

36. **Diversity of staff**

Percentage of faculty who are graduates	
of the same university	NONE
from other universities within the State	60 %
from universities from other States	40%
from universities outside the country	1%

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

NONE

38. Present details of departmental infrastructural facilities with regard to

a) Library :

Facilities of the SMSR & SNSR Libraries are availed by the Students.

b) Internet facilities for staff and students: Available

c) Total number of class rooms: 07

d) Class rooms with ICT facility: 03

e) Students' laboratories: 05

f) Research laboratories:

Central Research Lab & other Lab Facilities of SMSR are utilized by the faculty and students.

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

a) from the host institution/university: NONE

b) from other institutions/universities: NONE

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

Fee concession is provided to students as per their percentage of marks obtained in the qualifying and university examinations during their courses of studies.

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

Surveys were conducted in the community and Institutions to study the feasibility and opportunities of employment and skills required for good employability along with choices of +2 and Graduate students for future gainful employment.

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-Summarized and Anonymised feedback is provided to the respective teachers for doing the needful.

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

Yes-Feedback is provided to the respective teachers and also discussed in the Department Research Committee and faculty board meetings for doing the needful.

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

1. Necessary changes are made in curriculum as per received feedback.
2. Regular Departmental staff meetings are conducted to discuss the day to day activities and difficulties face and necessary remedial measures are initiated at different levels.
3. As per need fortnightly/monthly meetings are held for evaluation of teaching-learning activities/disciplinary problems/mentoring facilitation, etc. to provide a smooth and congenial teaching-learning environment

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

The School was established in 2009 and alumni are being employed in their respective field/areas of study/skills. However, none of them have achieved distinguished status.

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

External/Visiting Faculty is invited time to time and interactive sessions are arranged to expose the students to varied variety of experiences of the visiting faculty.

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

Lectures, Tutorials, Small Group Discussions, Practicals, Demonstrations, Seminars, Computer Assisted Learning Classes/Sessions.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Regular department faculty meeting and students feedback, Formative and Summative Assessment are obtained, analysed and discussed to get the best of the outcomes to improve/innovate the learning outcomes.

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

Students are encouraged to participate in the social, cultural and community functions and activities, such as Blood donation, Polio eradication, Dental hygiene Nutrition awareness, Health awareness and maintenance, Maternal and Child care, etc. Programs. These activities make the students to develop communication skills and enhancing their interest in societal needs and community services.

48. Give details of “beyond syllabus scholarly activities” of the department.

Seminars, Symposia, Workshops and Lecture Sessions are arranged for faculty and students by inviting visiting scholars and experts on conventional & non-conventiona topics to enhance their societal skills and make them community-oriented better citizens nationally and globally.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

IMA, Delhi; UP State Medical Faculty, Lucknow

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Faculty members are encouraged to attend the scientific forums as voluntary and invited speakers to learn and generate new knowledge and skills to hone their professional and educational capabilities.

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

1. A multidisciplinary and integrated faculty.
2. An encouraging inter-departmental and inter-school faculty cooperation
3. A very encouraging and amenable University Administration.
4. A lack of independent library facility with multidisciplinary book bank.
5. A lack of independent multidisciplinary Student Lab Facilities.

6. A number of programmes are being multidisciplinary, a lot of effort and patience is required to obtain the cooperation and coordination from the resource departments.

52. Future plans of the department

- Plans are afoot to design and commence paramedical courses to develop /generate a skillful human resource in the area of cardiac, neuro and high-end medical equipment and handling of Lab Technology.
- In the 9th Academic Council Meeting held on 04 Dec. 2014, the following Academic Programs were approved to start from the coming Academic Session of 2015-2016.
 - (a) One Master Program
Master of Physiotherapy (MPT) – Two Years Program with Specialization in Orthopedics and Neurology.
 - (b) Two Bachelor Programs
 - (i) Bachelor of Occupational Therapy (BOT)- 4 Years Program
 - (ii) Bachelor of Rehabilitation Science (BRSc)- 3 Years Program
 - (c) Four Certificate Programs
 - (i) Certificate Course for Operation Theater Assistant
 - (ii) Certificate Course for Medical Lab Technician
 - (iii) Certificate Course for Physiotherapy Technician
 - (iv) Certificate Course for X RAY/Imaging & ECG Technician.