

PEER TEAM REPORT

ON

**Institutional Assessment & Accreditation
(Cycle-1)
of**

**UNIVERSITY COLLEGE
OF
MEDICAL SCIENCES
DILSHAD GARDEN, DELHI**

VISIT DATES: 1-3 August 2016

Submitted to



NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
An Autonomous Institution of the University Grants Commission
P.O. Box. No. 1075, Nagarbhavi, Bengaluru – 560 072, Karnataka, India

PEER TEAM REPORT
ON
INSTITUTIONAL ACCREDITATION
OF
UNIVERSITY COLLEGE OF MEDICAL SCIENCES
DILSHAD GARDEN, DELHI

Section I: GENERAL	Information
1.1 Name & Address of the Institution:	University College of Medical Sciences, Dilshad Garden, Delhi – 110 095.
1.2 Year of Establishment:	1971
1.3 Current Academic Activities at the Institution (Numbers):	
• Faculties/ Schools:	1
• Departments/ Centres:	21
• Programmes/ Courses offered:	UG: 2 PG: 20 Ph.D:1 Total: 23
• Permanent Faculty Members:	108
• Permanent Support Staff:	Technical: 185; Non-teaching staff: 194
• Students:	1230 (UG: 850; PG: 342; Ph.D.: 26; M.Sc.: 9; D.C.H: 3)
1.4 Three major features in the institutional Context (As perceived by the Peer Team):	<ul style="list-style-type: none"> • Constituent college of Delhi University located in urban area. • Fully funded by MHRD through UGC. • Associated teaching hospital: 1500 bedded GTB hospital, under Govt. of National Capital Territory, Delhi.
1.5 Dates of visit of the Peer Team	1-3 August, 2016 [A detailed visit schedule is appended]
1.6 Composition of the Peer Team which undertook the on-site visit:	
Prof. (Mrs). Saroj Chooramani Gopal <i>(Former Vice Chancellor, K G Medical University), Distinguished Professor IMS, Banaras Hindu University, B-5/F2, Meera Colony, BHU, Varanasi-221 005, UP</i>	Dr. G.N.V. Brahmam <i>(Scientist 'F' (Retd.), and Sr. Deputy Director, NIN, ICMR), Plot No. 19, Hemanagar Colony, Uppal (P.O.), Hyderabad – 500 039, Telangana</i>
Dr. V. Mohan Kumar <i>(Former visiting Professor & Emeritus Scientist, Sree Chitra Tirunal Institute for Medical Sciences and Technology), 8-A, Heera Gate Apartment, DPI Junction, Jagathy, Trivandrum – 695 014, Kerala</i>	Dr. Arvind Rajwanshi Professor & Head, Dept. of Cytology and Gynaec Pathology, Postgraduate Institute of Medical Education and Research, Chandigarh-160 012
Dr. S. Chhabra , Director, Prof. Obstetrics and Gynecology, Mahatma Gandhi Institute of Medical Sciences, Sevagram, Wardha – 442 102, Maharashtra	Dr. Sadasivan Jagdish Professor, Department of Surgery, Jawaharlal Institute of Post-Graduate Medical Education and Research, Puducherry-605 006
Dr. Jayaram Mailankody <i>(Former Professor & Head, Department of</i>	

Orthodontics, Calicut Govt. Dental College, Calicut)
27/313, Anchorage, Nethaji Road, Puthiyara,
Kozhikode – 673 004, Kerala

NAAC Officer : Dr. (Mrs.) K. Rama , Adviser, National Assessment and Accreditation Council (NAAC),
Bangalore, Karnataka

Section II: CRITERION WISE ANALYSIS

Observations (Strengths and/or Weaknesses) on Key-Aspects

(Please limit to three major ones for each and use telegraphic language (It is not necessary to indicate all the three bullets each time; write only the relevant ones)

2.1 Curricular Aspects

2.1.1 Curriculum Design, Planning and Development	<ul style="list-style-type: none">• The Curriculum for UG & PG courses are based on MCI/DCI and Delhi University guidelines.• The Institute is associated with 1500 bedded GTB hospital for teaching/learning.• The Faculty of Medical Sciences, with the help of the members of the Courses Committee periodically reviews existing as well as proposed courses and submits the suggestions to Academic/Executive council of the University for approval, before implementing the same.• Telemedicine Unit established in 2009 has been functioning since 2011. Currently, CMEs are being conducted in collaboration with AIIMS, PGIMER & SGPGIMS. However, use of the same for carrying out clinical activities is yet to be initiated.
2.1.2 Academic Flexibility:	<ul style="list-style-type: none">• No Academic flexibility, as norms set by MCI/DCI/DU are adhered to.• M.B.,B.S course has 9 semesters and exams are conducted at the end of 2nd, 5th, 7th & 9th semesters. For PG courses, exams are conducted at the end of course.
2.1.3 Curriculum Enrichment:	<ul style="list-style-type: none">• During the past 5 years, two new courses viz., MDS in Pedodontics & Preventive Dentistry and M.Sc., in Medical Imaging Technology have been initiated.• Institute has 'Mentoring Cell'. The Faculty members and near peers work as mentors for the 'Freshers', to foster support, enhance sense of confidence and increase self confidence of the mentees.• Medical Humanities Group (MHG) formed under Medical Education Unit (MEU) of the college in the year 2009, which orients the students towards philosophy, theology, art, drama, films, literature, anthropology and other subjects of humanities .

2.1.4 Feedback System:	<ul style="list-style-type: none"> • Informal feedback is obtained from faculty, alumni, parents, community, patients and general public. • No structured feed-back system from students exists in many departments.
2.2 Teaching-Learning & Evaluation	
2.2.1 Student Enrolment and Profile:	<ul style="list-style-type: none"> • College ensures publicity to the admission process by advertising in Regional/ National News papers, College website and prospectus. • Admissions to UG courses are based on All India pre-medical/pre Dental Entrance Test (AIPMT), conducted centrally by CBSE. For PG courses, marks obtained in AIPGMEE/ AIPGDEE are considered. • Reservation quotas are provided for SC, ST, OBC and differently abled categories.
2.2.2 Catering to Student Diversity:	<ul style="list-style-type: none"> • Counseling is done by the mentors to enhance capacity of slow learners and special clinics, revision classes and additional tutorial classes are conducted. • Advanced learners are guided by the faculty by giving them assignments for enhancing learning, carryout small scale scientific studies and participate in seminars/workshops, and present papers/posters. • About a half (690 out of 1230) of the students are from other States. However, there is no provision for conducting classes in local language for out of state students.
2.2.3 Teaching-Learning Process:	<ul style="list-style-type: none"> • Orientation classes are conducted for freshly admitted UG students to familiarize them with the departments, labs, equipments and teachers. • PG students are given orientation training by MEU in protocol writing in addition to conducting workshops on protocol/ theses writing etc. • Apart from classroom teaching, students participate in learning activities based on skill labs, mannequins etc.

	<ul style="list-style-type: none"> • Teaching is supplemented by interactive learning through e-learning, E-journals, use of ICT learning techniques and audio-visual aids.
2.2.4 Teacher Quality:	<ul style="list-style-type: none"> • A large number of sanctioned posts, are lying vacant. • All the teaching faculty are well qualified having minimum of PG degree. • Teachers are provided support in the form of paid leave to attend national conferences/ workshops. • Faculty is entitled for 3 years study leave in one spell for acquiring additional qualifications. • All the faculty undergo mandatory training in Research Methodology and Medical Education Technology.
2.2.5 Evaluation Process and Reforms:	<ul style="list-style-type: none"> • All stakeholders are informed about the evaluation process, at the beginning of the course. • The evaluation system is guided and monitored by the University and transparency is ensured by centralized paper setting and appointment of examiners etc., • The confidentiality in the conduct of examinations, compilation of results and its declaration are controlled by the Controller of Examinations, Delhi University. • The Delhi University revived the practice of reevaluation of answer sheets of the students who put their request through the college to the University.
2.2.6 Student Performance and Learning Outcomes:	<ul style="list-style-type: none"> • The learning outcomes for each course are based on the departmental learning objectives and the students are kept informed about the same. • Every department and faculty endeavours to provide requisite disciplinary expertise, technical knowledge and qualities to prepare students graduating from the college.

2.3 Research, Consultancy & Extension	
2.3.1 Promotion of Research:	<ul style="list-style-type: none"> • The college has a five member Research Project Advisory Committee (RPAC), and an institutional ethical committee to review all research projects, Ph.D protocols etc. • A separate Research Cell headed by a nominated senior faculty member and Admin staff looks after the projects sanctioned by funding agencies. • The college also has a Ph. D cell to oversee and monitor academic progress of Ph.D students
2.3.2 Resource Mobilization for Research:	<ul style="list-style-type: none"> • An amount of about 14 lakh Rs. Per year is granted to the students and young faculty @ Rs. 24,000/- per project/person, by the Intramural Research Committee. • Several faculty members have been receiving research grants from external agencies such as ICMR, DBT, DST, UGC, CSIR, AYUSH, VYOME, Dabur, DRDO, NACO etc. • In the past 5 years, extramural research grants of about 11.53 crores have been availed by the Institute, and about 42 research studies have been completed. • Currently about 29 research studies are going on in the Institute.
2.3.3 Research Facilities:	<ul style="list-style-type: none"> • The institute has created Central Research Laboratory (CRL) with modern equipment such as flow cytometer, sequencer, auto analyzer, HPLC, etc., which is designated as Multi Disciplinary Research Unit (MDRU). • The Institute has carried out clinical trials with due approval from IEC for human Research and CTRL. • The Institute has some centers of excellence viz., Endocrine center (DEM), SRL HIV Center, MCH block which provide services to other institutes also.
2.3.4 Research Publications and Awards :	<ul style="list-style-type: none"> • The Institute has an open access, peer reviewed online research journal under MEU, called RHiME (Research and

	<p>Humanities in Medical Education).</p> <ul style="list-style-type: none"> • The institute has brought out several publications in the national (619) and international (1331) journals during the past five Years. • The IF ranged from 0.05 to 7.9, and the range of citation index was 0 to 38. • The College has instituted “Dr. Kusum Pandit Memorial Award” for best thesis by PG students.
2.3.5 Consultancy:	<ul style="list-style-type: none"> • The institute provides services to several organizations/Dept. such as MoH& FW-GoI, WHO, Dept. of Health and Family Welfare, Govt. of NCT - Delhi, NBE, UPSC, and MCI . • No revenue is generated as consultancies are provided ‘free of cost’.
2.3.6 Extension Activities and Institutional Social Responsibility:	<ul style="list-style-type: none"> • The college and affiliated hospitals provide comprehensive health care to population of a large geographical area of East Delhi and Western UP. • Carries out awareness programmes in the community for disease prevention and Health promotion. . • The college conducts health camps in the community, for early diagnosis/treatment of diseases such as cervical cancer, glaucoma, neonatal screening, hearing loss etc.. • The college has two urban and one rural health centres and adopted one village to provide health care needs of the people.
2.3.7 Collaborations	<ul style="list-style-type: none"> • The Institute has collaborations with institutes such as AIIMS Delhi, PGI Chandigarh, JIPMER Pondicherry, NACO, and bodies like ICMR, CSIR, and WHO
2.4 Infrastructure and Learning Resources	
2.4.1 Physical Facilities:	<ul style="list-style-type: none"> • The institute is associated with the G.T.B Hospital, having bed strength of 1500. • The college has a built-up area of 13591.8 sq. mts, while the hospital has 91788.76 sq. mts. • The college has 4 lecture halls of 200

	<p>capacity and departmental seminar halls with capacity of 20-25. Most of them are air conditioned with audio visual facilities. The college uses hospital conference hall as auditorium.</p> <ul style="list-style-type: none"> • There are 2 boys' hostels, 1 girls' hostel and 1 PG hostel. About 20 rooms each in boys' & girls' hostel are allocated for interns. However, there is dearth of accommodation for students. • Students/faculty have access to gymnasium and badminton/volley ball table tennis courts.
<p>2.4.2. Clinical / Laboratory Learning Resource</p>	<ul style="list-style-type: none"> • The GTB hospital has a large number of patient turnovers. • There is a central clinical laboratory (Bio-chem/Micro-biology/serology/hematology/histopathology/cytopath.) as well as a 24 hour emergency laboratory. • The college has skill laboratory, mannequins, departmental museums with exhibits/charts as learning resources.
<p>2.4.3 Library as a Learning Resource:</p>	<ul style="list-style-type: none"> • The college has a central Library with an area of 1592 Sq. mts., with a seating capacity of 275 for students and 25 for faculty. • There are 8 computer systems for faculty and 13 for students. However, there is no access to printer facility for students. • Library has 19,144 books, 22,135 back volumes & 755 theses and subscribes to 52 national and 134 international journals, annually. • The college is a member of DELNET, ERMED Consortium, KOHA and N-List .
<p>2.4.4 IT Infrastructure</p>	<ul style="list-style-type: none"> • The Institute has its own IT Dept. (DBMI) governed by the IT committee, catering to the needs of computerization and monitoring. • The network security, risk management, software asset management is ensured by software experts, under the control of HoD, Biostatistics & Medical Informatics. • The college has a total of about 400 computers, 280 printers, 7 scanners, 397

	<p>offline UPS.</p> <ul style="list-style-type: none"> • The Institute has NKN connectivity, for telemedicine (for CMEs only) videoconferencing, research & academic activities. • The campus is yet to be wi-fi enabled.
2.4.5 Maintenance of Campus Facilities:	<ul style="list-style-type: none"> • The maintenance of buildings, class rooms Laboratories is by PWD. • All the land in the college/hospital campus belongs to Delhi Govt.. • The electro-medical equipments are repaired/maintained by the college/hospital workshop staff. All major sophisticated equipments are maintained by the manufacturing companies under AMCs. • The lighting and security arrangements in the campus are sub-optimal .
2.5 Student Support and Progression	
2.5.1 Student Mentoring and Support:	<ul style="list-style-type: none"> • There is student support and mentoring system. Remedial classes are conducted for slow learners. • The Institute has 'Medical Humanities Group' comprising of faculty and near peer volunteers, which facilitates students in the acquisition of soft skills through use of innovative strategies. • The college fee is heavily subsidized and hence no waiver. In deserving cases, hostel fee is waived. About 30% of students get financial assistance from State/Central Govt. • There is registered alumni association, which conducts scientific meetings in the form of 'MIDCON', get together, felicitations every year. • The college has Students' Grievance Cell, College Complaints Committee etc. • There is no provision of immunization policy for the faculty and students. However, there is provision for free immunization for students and faculty.
2.5.2 Student Progression:	<ul style="list-style-type: none"> • The college has high pass percentage in the university examinations. About 15 to 20

	<p>students join the PG courses every year in the same institute.</p> <ul style="list-style-type: none"> • No student drop outs have been reported so far.
2.5.3 Student Participation and Activities:	<ul style="list-style-type: none"> • The college conducts annual sports events viz., Arena, Avalanche, UCFL, sports week etc. • Annual cultural festivals such as Ripple, and other events by Dramatic Society, Literary Debate society (COSMOS), Photography society (PHOCUS), etc., are organized.
2.6 Governance, Leadership and Management	
2.6.1 Institutional Vision and Leadership:	<ul style="list-style-type: none"> • The Institute is committed to its vision and mission by providing access to high quality of education in medical, dental and allied health sciences and research. • Institute has a dedicated website, which caters to the needs of stakeholders. • Decentralization of administrative powers to the departments allows participative management for smooth & efficient functioning.
2.6.2 Strategy Development and Deployment	<ul style="list-style-type: none"> • The Institute conducts regular committee meetings and faculty meetings for prospective planning and decision making. • Has established one rural and two urban centres for training and providing community out-reach activities.
2.6.3 Faculty Empowerment Strategies:	<ul style="list-style-type: none"> • Faculty is encouraged to participate in national scientific conferences, by providing special duty leave, TA/DA, Regn. fee etc. • Career advancement is based on self-appraisal report & confidential reports of HoDs. • Recently, Delhi University has approved 'Dynamic Assured Career Progression Scheme' for medical teachers to ensure timely promotions. • There are Thrift and Credit Societies which have made significant contribution to the socioeconomic development of its

	members.
2.6.4 Financial Management and Resource Mobilization:	<ul style="list-style-type: none"> • The Institute prepares 5 year budget plans which are approved and sanctioned by the UGC out of funds provided by Ministry of Human Resource Development. • There is mechanism of both internal and statutory external audit of accounts regularly. • Nearly 80% of the non-plan budget is spent on salaries and the rest on purchase of equipment books etc.
2.6.5 Internal Quality Assurance System:	<ul style="list-style-type: none"> • The Institute has established IQAC recently in the year 2015. However, regular meetings need to be conducted.
2.7 Innovations and Best Practices	
2.7.1 Environment Consciousness:	<ul style="list-style-type: none"> • The CFLs are being replaced with LED based lighting system, to conserve electrical energy. • Rain water harvesting is implemented. Institute has effluent treatment plant and treated water is used for horticulture. • Hazardous Biomedical waste is collected through proper system of segregation and disposed off as per Govt. regulations.
2.7.2 Innovations:	<ul style="list-style-type: none"> • The College has Medical Humanities Group (MHG), which aims to balance humanities with medical education and has launched an E Journal viz., 'RHiME'. • The Institute has News letter viz., COSMOS with a vision to help dissemination of various activities of the institute and to provide a platform for lively interactions on matters of contemporary relevance in the areas of health and medical education.
2.7.3 Best Practices:	<ul style="list-style-type: none"> • Medical Education Unit (MEU) promotes research in medical education apart from organizing workshops, training programmes for capacity building. • Establishment of Multi Disciplinary Research Unit (MRU) to promote and facilitate research by faculty/ students, to

	make available 'state of the art' research instruments.
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Section III: OVERALL ANALYSIS	
<i>Observations (Please limit to five major ones for each and use telegraphic language) (It is not necessary to denote all the five bullets for each)</i>	
3.1 Institutional Strengths:	<ul style="list-style-type: none"> • Availability of adequate infrastructure, learning resources and their optimal utilization • Commitment by the Institute towards quality education and services. • Installation of 'state of the art' equipments and their utilization. • Good research output by faculty • Publication of 5 journals from the Institute
3.2 Institutional Weaknesses:	<ul style="list-style-type: none"> • Dual administration • Lack of land ownership • Large number of sanctioned posts remain vacant. • Poor infrastructure facilities for community outreach services. • Lack of adequate security facilities in the campus.
3.3 Institutional Opportunities:	<ul style="list-style-type: none"> • Peripheral location offering services to a large section of diverse population • Initiation of super specialty courses. • Collaboration with nearby institutions like, Delhi Cancer Institute, Institute of Human Behaviour and Applied Sciences (IHBAS), Rajiv Gandhi Super specialty Hospital etc.,
3.4 Institutional Challenges:	<ul style="list-style-type: none"> • Lack of land availability for expansion • Having Institute's own hospital. • Reinforcing extension and community outreach activities.

Section IV: Recommendations for Quality Enhancement of the Institution

(Please limit to *ten major ones* and use telegraphic language)
(It is not necessary to indicate all the ten bullets)

- To initiate steps to tackle the problem of dual administration by vesting the overall leadership with the Principal to ensure excellence in medical education and health care.
- UCMS may explore to have its own hospital facility, as in case of BHU & AMU.
- To take rapid and earnest measures to fill all the vacancies at various levels.
- To provide adequate accommodation facilities to students.
- To take measures to improve the security arrangements and proper lighting in the campus.
- To start more PG and super specialty courses.
- To initiate steps to have state of art auditorium in the campus.
- To have better physical infrastructure facilities at rural/urban health centres to improve community outreach services.
- To establish proper 'out-door' sports facilities.
- To establish 'state of art' imaging facilities.

I have read the report.

Signature of the Head of the Institution

Seal of the Institution

Signatures of the Peer Team Members:

Name	Designation	Signature with date
Prof. (Mrs). Saroj Chooramani Gopal	Chairperson	
Dr. G.N.V. Brahmam	Member Co-ordinator	
Dr. V. Mohan Kumar	Member	
Dr. Arvind Rajwanshi	Member	
Dr. S. Chhabra	Member	
Dr. Sadasivan Jagdish	Member	
Dr. Jayaram Mailankody	Member	
Dr. (Mrs.) K. Rama	NAAC Officer	

Place: Delhi

Date: 3rd August, 2016



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद
विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
An Autonomous Institution of the University Grants Commission

Quality Profile

Name of the Institution : University College of Medical Sciences

Place : Dilshad Garden, Delhi

Criteria	Weightage (W _i)	Criterion-wise Weighted Grade Point (Cr WGP _i)	Criterion-wise Grade Point Averages (Cr WGP _i / W _i)
I. Curricular Aspects	100	280	2.80
II. Teaching-Learning and Evaluation	350	1050	3.00
III. Research, Consultancy and Extension	150	420	2.80
IV. Infrastructure and Learning Resources	100	260	2.60
V. Student Support and Progression	100	300	3.00
VI. Governance, Leadership & Management	100	220	2.20
VII. Innovations and Best Practices	100	270	2.70
Total	$\sum_{i=1}^7 w_i = 1000$	$\sum_{i=1}^7 (Cr WGP_i) = 2800$	

$$\text{Institutional CGPA} = \frac{\sum_{i=1}^7 (Cr WGP_i)}{\sum_{i=1}^7 W_i} = \frac{2800}{1000} = \boxed{2.80}$$

Grade = B⁺⁺

Date : September 16, 2016



J. Singh
Director

- This certification is valid for a period of Five years with effect from September 16, 2016
- An institutional CGPA on seven point scale in the range of 3.76 - 4.00 denotes A⁺⁺ grade, 3.51 - 3.75 denotes A⁺ grade, 3.01 - 3.50 denotes A grade, 2.76 - 3.00 denotes B⁺⁺ grade, 2.51 - 2.75 denotes B⁺ grade, 2.01 - 2.50 denotes B grade, 1.51 - 2.00 denotes C grade
- Scores rounded off to the nearest integer