

**DAYANAND MEDICAL COLLEGE & HOSPITAL, LUDHIANA
ANNUAL CONVOCATION - 2010**

PRINCIPAL'S REPORT

At the outset I must convey my deep gratitude to Dr. J.S. Chopra for very graciously accepting to be the Chief Guest at a very short notice. He was to be at Delhi today to preside over a scientific programme but his magnanimity is seen by his gesture to readjust his programme so that he could be with us today. We are extremely grateful to you, Sir, for gracing this occasion. Your very presence is a source of inspiration to all of us and I am sure your words of wisdom will ignite a yearning in our students to achieve greater heights in their future careers.

Sir, I am proud to inform you that Dayanand Medical College and Hospital, a premier institute of North India has been in existence for more than 7 decades - initially as a Medical School (1934) and then upgraded as a Medical College in 1964. The academic programme includes MBBS, MD/MS/Diploma courses in 18 disciplines, DM in Cardiology, Gastroenterology and Neurology and MCh in Plastic Surgery as well as nursing courses.

Course at DMCH

MBBS

MD / MS Anatomy, Physiology, Biochemistry, Pathology, Microbiology, Pharmacology, ENT, Ophthalmology, SPM, Medicine, Pediatrics, Dermatology, Radiodiagnosis, Anesthesiology, Gynae & Obst, Orthopaedics and Surgery

Diploma Pediatrics, Anaesthesiology, Obst. & Gynae, E.N.T.

DM / MCh Cardiology, Gastroenterology, Neurology, Plastic Surgery

Nursing G.N.M., BSc, MSc

It is indeed a matter of honor for us that no other Medical College in our state has this privilege of imparting postgraduate medical education in so many disciplines. The first batch of superspeciality courses have passed out in May/June 2009.

The amazing progress Dayanand Medical College and Hospital has made from its humble beginnings is not by chance. It is the result of the extraordinary vision of our Founders and members of the Managing Society led by the Chairman Emeritus and President, and skillfully executed by the Secretary.

Second is the commitment and dedication of the administration led by our former Principals and the sincere efforts of the Faculty Members, not to forget the contributions of all medical, nursing and non medical personnel.

Our institution prides on its 175 highly qualified medical teachers including 65 Professors, 58 Associate Professors and 52 Assistant Professors supported by more than 3000 staff members. We train over 1100 PG and UG medical and nursing students.

To my mind, the secret of success for an institution is very simple. Everything comes from the top and the key is instillation of a feeling of belonging in all the people working as a team.

The pragmatic approach of the management has enabled a fantastic working environment as well as admirably fulfilling the professional and other needs of the faculty and staff, thereby setting ground for attaining the peak of their potential.

That is why, Sir, you must have seen happy and motivated people in this institution and it is no wonder that we are now a much sought after medical college as well as increasingly being recognized for delivering quality medical care. No wonder huge number of patients throng the hospital, who also act as the source of education for the budding doctors.

With that Sir, it is a great pleasure and privilege for me to welcome this august gathering to the annual convocation and present to you a brief report highlighting our initiatives, achievements and progress made in various areas of activity since the last convocation.

The exhaustive report with detailed individual activities and contribution of our faculty members and the departments is a voluminous document and is placed in the Library for reference. I will only be reading out a brief summary in this concise report.

ACADEMIC ACTIVITIES

Sir, we are actively involved in the academic bodies of the Baba Farid University of Health Sciences. I am pleased to inform that Sh. Prem Kumar Gupta, Secretary, Managing Society and Dr GS Wander have been nominated as members of Senate of Baba Farid University of Health Sciences after the completion of the tenure of our worthy chairman Dr Brijmohan Lall Munjal and myself.

Apart from this, other faculty members who have been nominated by the worthy Vice Chancellor as members of various boards are Dr. Kuldip Singh, Dr. BS Aulakh, Dr. Chiranjiv Singh, Dr. Joginder Kaur Sidhu, Dr. Jasbir Kaur and yours truly.

Baba Farid University of Health Sciences, Faridkot

Senate

Sh. Prem Kumar Gupta

Dr. GS Wander

Board of Postgraduate Studies

Dr. Daljit Singh : Chairman

Dr. Kuldip Singh

Faculty of Medical Sciences

Dr. Daljit Singh

Dr. BS Aulakh

Dr. Chiranjiv Gill

Board of Studies in Medical Sciences (UG)

Dr. Joginder Kaur Sidhu

Board of Studies (Nursing Sciences)

Dr. Jasbir Kaur, Chairperson

The Faculty of Medical Sciences appointed me as the Chairperson of a three member committee to formulate the detailed PG curriculum in various disciplines. The document, which runs into 330 pages, was developed by the committee through inputs from the faculty members of DMC and other medical colleges of the state. I have pleasure in reporting that the university has accepted and already implemented the curriculum in toto. This document would serve as the guidelines which can be adopted by MCI and various medical universities / colleges in the country.

Most of the faculty is already trained in educational technology, and is actively participating in ongoing modules on teaching learning methodology in compliance with the latest guidelines of MCI. The classical theory and practical training has been increasingly supplemented with IT enabled tools.

Our institution has taken a lead in implementing innovative ideas to improve the quality of education being imparted. We have been pioneers in instituting formal feedback from students regarding the departments and the individual teachers.

In addition, a regular feedback is provided to the parents of undergraduates to keep them abreast of the academic progress of their wards. Apart from the formal internal assessment of undergraduate students, we have developed an elaborate internal assessment model for interns as well as Postgraduate students. This first of our institution has been adopted by other institutions in the state.

The institution prides itself in training all its postgraduates in the use of computers and computer applications. All the postgraduates of DMCH acquire with proficiency in thesis plan writing, thesis writing, elementary biostatistics, computers (MS word, Excel, Power point) and CPR (ACLS).

On the clinical side, our institute has earned the distinction of being the first institution in North India (outside New Delhi) accredited by American Heart Association as Training Site for imparting training in Basic Life Support and Advanced Cardiac Life Support Courses. This certification will be valid across the globe. Seven faculty members have already been accredited as AHA instructors and more instructors are being trained to increase the faculty pool.

Myself, and four other colleagues from pediatrics have already imparting Neonatal Advanced Life Support, Pediatric Advanced Life Support and Basic Life Support Training to the medical fraternity regularly.

The department of Pharmacology has been short listed as one of the 20 first medical colleges to start Adverse Drug Reaction Monitoring under National Pharmacovigilance Programme of India. The department is already running Drug Information Centre and bringing out monthly newsletter.

I am proud to announce that DMCH has entered into collaboration with Rubin Institute, USA for advanced orthopaedic care under the proposed project, 'Operation Walk Maryland' for the patients having disabling arthritis.

Special academic activities are very frequently carried out in the institution in the form of conferences, workshops, seminars, courses and guest lectures. The students, faculty and staff are constantly updating their knowledge through invited guest lectures conducted by eminent international faculty from USA, Europe and Australia. Since the last convocation more than 35 internationally acclaimed experts delivered invited guest lectures at DMCH.

In the last one year the Departments of Surgery, Obst. & Gynae, Pediatrics, Psychiatry, Anaesthesia, Plastic Surgery, Orthopaedics, ENT, Physiology, Forensic Medicine and Neurology organized various CMEs, Conferences and training courses.

Department	Workshops/Conferences/CME organized
Surgery	Live operative workshop on Bariatric Surgery
Obst. & Gynae	CME cum workshop on Colposcopy Conference of FOGSI CME on Obstetrical Haemorrhage
Pediatrics	Workshops on Neonatal Advanced Life Support (2) Workshops on Basic Life Support IAP Pediatric Quiz for PG and UG
Psychiatry	PG Development Programme
Anaesthesia	1 st DMCH Airway Course
Plastic Surgery	CME on Hypospadias 6 th Annual Conference of Plastic Surgeons of NZ
Orthopaedics	ISSH hand course
ENT	Cadaveric Dissection & Live Endo Sinus Surgery Workshop
Physiology	APPI Symposium on Bronchial Asthma
Forensic Medicine	CME on Consumer Protection Act CME on Medicolegal Report Writing
Neurology	Movement Disorder Educational Course

DMCH is actively participating in all national health programmes. Dr. J. Whig is co-ordinating the RNTCP programme with support from the Department of Microbiology

and Community Medicine and has conducted 2 state Task Force Meeting CMEs. The departments of Community Medicine, Obst. & Gynaecology and Pharmacology coordinate and supervise the Pulse Polio Programme as WHO monitors.

The department of Cardiothoracic Surgery has operated about 100 school children with congenital heart disease under National Rural Health Programme. Since the last convocation, more than 70 camps were organized in different specialties. The major contribution has been by the 56 blood donation camps organized by the department of Immunohaematology and Blood Transfusion in which about 5600 units of blood were collected. Medical camps were also organized by departments of Ophthalmology and ENT.

The various academic departments collaborated and celebrated the World Health Days. The World Diabetic Day, World TB Day and World Asthma Day were celebrated by organizing camps, performed free investigations and distribution of health information materials. The faculty, students and staff celebrated the International Thalassemia Day, World Red Cross Day, World Blood Donors Day and National Voluntary Blood Donor Day by large number of blood donations. The World Mental Health Day was celebrated by conducting awareness and discussion on attempted suicide.

Declamation contest, symposium and poster making contests were held to celebrate World Health Day, World Teenage Day and Breast feeding week.

The department of Pediatrics routinely conducts IAP Pediatric Quiz for undergraduate and postgraduate students. The department of Anaesthesiology also conducted quiz for the postgraduate students.

The institution celebrated National Communal Harmony Week with active participation from all medical and nursing students.

FACULTY

Sir, the quality of medical education is reflected by the credentials of the faculty. The faculty at our institution is recognized all over the globe and have received the following awards and honours:

Name of faculty	Honours and Positions
Dr Jagdeep Whig	Chairman, Punjab State Task Force, RNTCP
Dr. GS Wander	Chairman, IMA Academy of Medical Specialities, Punjab
Dr. BS Shah	Coordinator, Teaching curriculum for semen analysis
Dr. Vineeta Malhotra	Membership, Renal Pathology Society
Dr. Ajit Sood	Member, Guidelines on IBD, WGO
Dr. Sandeep Puri	Fellowship, Indian College of Physicians
Dr. BS Aulakh	Advisor, Punjab State IMA
Dr. Sandeep Sharma	Memberhip, Society of International Urology
Dr. DS Sandhu	Executive Chairman, Cancer Council of India.

The faculty of DMCH has also contributed at the national level and participated in the development of National Hypertension Guidelines, National Consensus Guidelines for Obesity, National Pharmacovigilance Programme of India, Management of Rheumatoid arthritis and consensus guidelines on bronchial asthma in children.

Name of faculty	Contribution to National Guidelines
Dr. GS Wander	National Hypertension guidelines
Dr. Parminder Singh	National Consensus guidelines for obesity
Dr. Sandeep Kaushal	National Pharmacovigilance Programme of India
Dr. Prashant Aggarwal	Management of Rheumatoid Arthritis
Dr. Daljit Singh	Asthma by Consensus - Children

Many faculty members visited prestigious hospitals/medical centers and worked with renowned specialists in US, Europe and Oceanian continent. They also delivered invited lectures at these institutions and shared our experience with them. The experience gained is being applied to improve the quality of health care at DMCH.

Name of faculty	Fellowship / Training
Dr. Anurag Tewari	Fellowship in fibro optic intubation
Dr. Deepak Jain	AADO Trauma Fellowship
Dr. Ashish Ahuja	Fellowship in Bariatric Surgery
Dr. Anil Kashyap	ACCP Fellowship
Dr. Pankaj Mahindra	AO Fellowship
Dr. Sarit Sharma	Diploma in Hospital Management

24 faculty members attended trainings at various courses all around the world and acquired newer skills, competence, and proficiency in established procedures and newer diagnostic modalities.

The faculty of our institution delivered more than 150 keynote lectures and invited lectures in different forum. The faculty members attended about 140 conferences , contributed in the deliberations and chaired 80 sessions in various conferences held all over the world. Six of the 85 papers and posters presented were awarded best paper and poster awards.

Keynote invited lectures	150
Conferences attended	140
Sessions chaired	80
Papers/posters presented (awards-6)	85
International publications	35
National publications	105
Chapters in books	20
Book authored	1

The faculty members are actively contributing publications and chapters in international and national journals as well as text books. Last year, the faculty members have contributed 35 international publications and 105 national publications and an article was awarded the best published paper award in orthopedics.

The faculty members have contributed 20 chapters in various books and authored a book on Forensic Medicine.

Many of the faculty members have been elected to senior executive positions in their respective academic professional bodies :

Executive Positions in Academic Bodies

Dr. Rajoo S. Chhina	President, Punjab Gastroenterology Forum
Dr. Kuldeep Singh	Trustee, Indian Assoc. of Endoscopic Surgery Secretary, ELSA
Dr. BS Shah	Vice President, Society of Andrology India
Dr. Lily Walia	Vice President, APPI, Ludhiana Chapter

Dr. Dinesh Sood	Vice President, ISA, Ludhiana Branch
Dr. Hemant Chopra	General Secretary, NWZAOI
Dr. Deepinder Kaur	Secretary, NZ Indian Asso. of Med. Microbiologists Joint Secretary, Asso. of Obst. Anaesthesiologists Treasurer, Governing Body, Research Society of Anaes. & Clinical Pharmacology
Dr. Deepak Bhat	Treasurer, Intensive Care Chapter, IAP Punjab

I congratulate Drs. Poonam Singh, Harmesh Singh, Dinesh Garg, Manish Munjal, PS Nain, Ajay Kumar, Anurag Tewari, Virendar Pal Singh & GS Dhooria on their their election as executive members of their respective professional bodies.

Name of faculty	Executive Membership of Academic Bodies
Dr. Rajoo S. Chhina	Nutritional Society of India; CII (North Zone)
Dr. Poonam Singh	NSCASI
Dr. HS Bains	Central IAP
Dr. Dinesh Garg	Punjab Ophthalmological Society
Dr. Manish Munjal	NWZAOI, NES
Dr. PS Nain	Indian Assoc. of Gastrointestinal Endosurgeons
Dr. Virendar P. Singh	Gov. Council, Pb. Academy of Forensic Med. & Toxicology
Dr. Ajay Kumar	NSCASI
Dr. GS Dhooria	National Neonatology Forum, Punjab
Dr. Anurag Tewari	ISA, Ludhiana

The faculty including Dr. GS Wander, Dr. Rajoo S. Chhina, Dr. Ajit Sood, Dr. Sandeep Kaushal and Dr. Anju Grewal are involved with dissemination of scientific peer reviewed literature at various levels.

Dr. GS Wander	Section Editor, Cardiology; Member, Editorial Board, JAPI VR Joshi JAPI Award – Outstanding reviewer
Dr. Rajoo S. Chhina	Member, Editorial Board, NAMS
Dr. Ajit Sood	Member, Editorial Board, Indian J Gastroenterology
Dr. Sandeep Kaushal	Editor, Clinical Reviews and Opinions Member, Ed. Board, J Pharmacology & Pharmacotherapy
Dr. Anju Grewal	Editor, J Anaes & Clinical Pharmacology

In addition, the faculty is serving as peer reviewer for a number of indexed international and national journals in their respective specialties.

The faculty is also actively involved in conducting about 40 multi centric international and national research trials under the aegis of Indian Council of Medical Research, Dept. of Biotechnology and other national and international sponsoring agencies.

INFRASTRUCTURE DEVELOPMENT - EQUIPMENT

Sir, as we all are well aware, quality in medical education, patient care and research also depends on carefully crafted infrastructure. Several new equipments have been added in the last one year.

The department of Dermatology has acquired Radio Frequency ablation machine.

The Immunohaematology and Blood Transfusion department now conducts the screening of all the blood components using 4th Generation Elisa System to reduce the Window period of Transfusion Transmitted Diseases (TTDs).

The department of Microbiology has added BACTEC MGIT for rapid detection of Mycobacterium, Procalcitonin test for early diagnosis of Sepsis and Microscan Walkaway for screening of MRSA, VRE and ESBLs.

The department of Surgery started bariatric surgery clinic in addition to its other special clinics. The department of Pediatrics has started Pediatric Nephrology and Pediatric Neurology clinics.

The department of Pulmonary Medicine has started Trans bronchial needle aspiration.

A new endoscopy lab has been set up in ENT department for diagnosing nasal and laryngeal diseases.

The Obstetrics & Gynae department has set up of Sperm preparation and Cryo preservation facility.

The department of Cardiology has started the facility of Biventricular pacing and combo device for heart failure; added Endo vascular procedures for aortic aneurysm and dissection and uses device closure for AST and PDU.

The department of Neurology has added the services of Neurophysiotherapist and Neuropsychologist. They have also started Tilt Table Test for evaluation of vertigo and ketogenic diet for intractable epilepsy.

The department of Radiology has acquired the latest 124 slice MDCT to add to its 1.5 Tesla MRI Scan and the entire range of imaging equipment.

The department of Gastroenterology has started Capsule Endoscopy and augmented the existing diagnostic facilities using high resolution manometry with impedance and pH manometry.

The remarkably and rapid progress made by the institution in recent times cannot be missed by any one visiting even after a few months. There has been extensive renovation activity in a large number of hospital areas including the OPD, the Operation theatres, recovery rooms, many wards and laboratories – virtually the entire hospital. All the hospital laboratories, department of Transfusion Medicine, Collection Centre, department of Radiology and Hero DMC Heart Institute are ISO 9001- 2008 certified. An additional roughly 90,000 square feet area has been added or renovated in the patient care area resulting in an increase of 150 beds. Not only has the physical structure been extensively renovated and modernized, the facilities and equipment have improved at a breath taking pace. If there is one person responsible for the phenomenal metamorphosis of this institution, it is our pragmatic and mercurial Secretary of Managing Society, along with his devoted team. The success story is reflected in the increasing numbers of patients availing of the services both in the outpatient and inpatient areas. In particular, I would like to mention two areas - emergency and ICU. Ours is perhaps one of the busiest emergency department which has had to be physically enlarged several times over the last few years with 70 bed capacity managed by a dedicated team of emergency medical officers. A state of art 4 operation theatres and 6 bedded recovery is another addition to the emergency complex.

DMCH was pioneer in north India to start with critical care services in 1990 with 6 bedded ICU. Gradually it expanded to one full ICU floor in 2003 with 90 fully functional beds. We provide all kinds of invasive and noninvasive monitoring including haemodynamic, intraabdominal pressures, and advanced ventilator facility. We have

now team of 12 experienced and qualified dedicated critical care physicians lead by Dr. PL Gautam.

LIBRARY

Our library is centrally air-conditioned and divided into various sections. There are about 15000 books and backsets of medical journals. The library is fully computerized, with wi-fi facility and has a subscription of about 170 journals (including 117 international journals). In addition, a number of e-journals and e-books are also available. Our library is a part of Baba Farid University of Health Sciences Consortia.

Our students continue to excel in the various professional examinations conducted by the university last year and accomplish meritorious positions overall in the university. In the Final Professional (Part II) examination, the first and second position in the university was secured by our students. In the Final Professional (Part I) examination, our students secured the first 3 positions in the university. Mr. Divyanshu Malhotra has the distinction of standing first in the university in all the four professional examinations.

FACULTY COMMITTEES

The Medical Education Unit is very active and organizes CPCs, Central Clinical Grand Rounds, invited guest lectures undergraduate and PG seminars and workshops.

Other than these academic activities, the faculty actively contributes in various extra-curricular activities. The editorial committee brings out a monthly newsletter the 'DMCH Capsule' and a biannual feature the 'DMCH Scan'.

The Cultural committee organizes the annual cultural event 'ECTOPIA' and other programmes as a much needed relief for students and faculty from the demanding educational and clinical pursuits.

The Sports Committee organized the annual Inter batch sports competition (SMASH) last month and North Zone Inter medical Indoor Tournament (NOZITT) to be held shortly.

The DMCH Alumni committee has remained active. The annual alumni meet was held in December and a CME is being held next month.

The Student Welfare Committee looks after the UG and PG students and tries to make them comfortable at a home away from home.

The computer cell coordinates the IT related requirements of the institution, coordinates computer training for faculty, students and staff. The institutional website has been upgraded. All the faculty members can be interacted with through their official e-mail ids.

Finally while congratulating all the new graduates and their families, I must also leave them with the message that this degree is not the end, but the beginning.

I sincerely hope that during your undergraduate training with us, you have been able to imbibe the process of lifelong learning and to take up challenging careers in the future.

I am sure you will excel on whichever roles you choose for yourself as a health professional, medical scientist, ethical practitioner, educator, communicator, manager and of course as a team leaders.

I will add that levels at which we doctors work – knowledge, practical skills and attitudes-are not in that order of importance. I feel attitude, behavior, communication skills, compassion and behavior are the more important attributes.

As you step out as MBBS graduates, I would urge you to think of the degree as an opportunity and empowerment to make a difference to the majority of our population who unfortunately still remains untouched by the fruits of development.

I sincerely hope you would innovate and set goals to make the world a better place as you chalk out your individual paths.

I will end with a quotation,

“ When you believe in something,

You carry it in your heart,

You accept no excuses,

Only results.”