

**DAYANAND MEDICAL COLLEGE & HOSPITAL, LUDHIANA**  
**ANNUAL CONVOCATION - 2011**

**PRINCIPAL'S REPORT**

Hon'ble Chief Guest Prof Shiv Kumar Sarin, Shri Sunil Kant Munjal, President; Shri Prem Kumar Gupta, Secretary; other distinguished members of Managing Society; former Principals, faculty members, parents of our budding doctors, esteemed guests, ladies and gentlemen; A very Good Afternoon to all of you.

We have followed with keen interest the improvements and developments initiated by the Board of Governors under the astute Chairmanship of Prof Sarin. In particular, it is most heartening to note the revolutionary Vision 2015 document which provides an actual picture of what medical education should look like in a few years. In sharp contrast with the past, the changes are being made in a most democratic manner and the Board of Governors has elicited suggestions and comments. I hope the suggestions submitted by this institution will be duly considered while finalizing the document.

Dayanand Medical College and Hospital, has been in existence for more than 7 decades - initially as a Medical School from 1934 and upgraded as a Medical College in 1964. It has now emerged as a leading not-for-profit tertiary care teaching institution of the country.

I am proud to inform you that DMCH has been rated among the top 10 multispecialty hospitals in the 1<sup>st</sup> 'India Healthcare Awards' organized by CNN TV18 in collaboration with ICICI Lombard. The April 2010 issue of 'India Today' focusing on 'The Healthcare Boom' identifies DMCH as one of the Growth Drivers, being the only institution in North India having an entire floor of ICUs with 100 beds incorporating all the critical care areas.

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 Padam Bhushan Sh. Brij Mohan Lall Munjal, who is an icon needing no introduction what-so-ever, and President, Sh. Sunil Kant Munjal, the Chairman of Hero Corporate Service and skillfully executed by the Secretary Sh. Prem Kumar Gupta, an industrialist and Chairman of ST Group of Companies.

Second is the commitment and dedication of the entire team led by our former Principals, the Administrators and the sincere efforts of the Faculty Members, not to forget the contributions of all medical, nursing and non medical personnel. Our institution prides in its resource of 180 highly qualified medical teachers including 77 Professors, 51 Associate Professors and 52 Assistant Professors supported by more than 3000 staff members.

The pragmatic approach of the management has enabled a fantastic working environment which instills a strong sense of belonging and admirably fulfils the professional and other needs of the faculty and staff, setting the ground for attainment of the peak of their potential.

It is no wonder that we are now a much sought after medical college and is recognized for delivering best quality medical care. Huge numbers of patients throng the hospital, who also acts as the source of education for the budding doctors. The patients come not only from Ludhiana, but also from all parts of the state as well as the neighbouring states of HP, J & K, Haryana, Rajasthan and other regions.

In the last 1 year, around 6 lakh people visited the OPD, there were about 68,000 inpatients, and about 40,000 operations were performed. More than 60,000 patients presented to the Emergency, which has necessitated the recent expansion to a well-equipped 70-bedded area manned round the clock

by consultants in the different specialties supported by well trained medical and nursing staff.

Last year saw the worst epidemic of dengue in the last decade. The efforts of all the faculty and residents of department of medicine who very efficiently handled more than 3000 dengue patients, is laudable. The department of Blood transfusion issued more than 14,000 platelet transfusions during the epidemic, with the shortest possible supply time thanks to the 5 cell separator machines we have, the largest number in North India. The reputation acquired by the institution has been both a result of and reason for international collaboration and exchange of expertise.

I am proud to announce that DMCH has entered into collaboration with Rubin Institute, USA for advanced orthopaedic care under the project, 'Operation Walk Maryland' for the patients having disabling arthritis. Just recently about 60 knee and hip replacement surgeries were carried out free on poor patients.

The Department of Plastic Surgery collaborates with an American based NGO for free surgery for cleft lip & palate patients. The department has done 228 surgeries under this project so far.

The institution is collaborating with US institutions for genetic studies and at national level by participating in Integrated Disease Surveillance program and serving as integrated counseling and tertiary centre for TB and HIV.

The department of Cardiothoracic Surgery has operated about 250 school children with congenital heart disease under National Rural Health Mission, the largest number in any centre in the country.

The department of Pharmacology is the first centre in Punjab approved for ADR monitoring Under National Pharmacovigilance Programme of India. The department is already running Drug Information Centre and bringing out monthly newsletter DMCH is actively participating in all national health programmes.

The department of Chest Diseases co-ordinates the RNTCP programme and arranges regular state Task Force meetings and workshops with support from the Department of Microbiology and Community Medicine. The departments of Community Medicine, Obst. & Gynaecology and Pharmacology coordinate and supervise the Pulse Polio Programme as WHO monitors.

## **ACADEMIC ACTIVITIES**

On the academic front, I would like to inform you with great pride that 'The week' magazine has listed Dayanand Medical College Ludhiana among the preferred medical colleges of the country.

The academic program includes MBBS, MD/MS/Diploma courses in 18 disciplines, DM in Cardiology, Gastroenterology and Neurology and MCh in Plastic Surgery and Urology, as well as nursing courses. M Sc Nursing course has been started this year in 5 subjects. We are in the process of initiating MD Immuno hematology and Blood Transfusion, MD Chest, MCh Neurosurgery and MCh Cardiothoracic Surgery. We train over 1100 PG and UG medical and nursing students every year.

This year we have introduced a Fellowship program in Critical Care of the ISCCM and are in the process of starting Fellowship in Pediatric Critical Care under the aegis of IAP.

It is indeed a matter of honor for us that no other Medical College in our state and adjoining states has this privilege of imparting postgraduate medical education in so many disciplines.

Sir, we are actively involved in the various academic bodies of the Baba Farid University of Health Sciences including the Senate, Faculty of Medical Sciences, Academic Council and the different Board of Studies.

The Faculty of this Institution has been instrumental in developing detailed curriculum for all the MD/MS/Diploma and superspecialty courses of

the university on behalf of the Faculty of Medical Sciences. This document would serve as the guidelines which can be adopted by MCI and various medical universities / colleges in the country. We have also coordinated the curriculum development of various BSc courses of the medical stream run by the University including the examination pattern.

A large portion of our faculty is formally trained in educational technology through several courses and workshops. However, in keeping with the faculty development program of the MCI, a Basic Course Workshop was conducted recently under the aegis of MCI and a series is planned over the rest of the year. The conventional theory and practical training has been increasingly supplemented with IT enabled tools and all lecture theatres are equipped with computers and multimedia projectors. Wi-fi facility is available in different areas of the institution including the library with access to e-journals and e-books. The institutional website is in the process of being made dynamic and interactive.

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 as well as 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. We have also developed an elaborate log-book based internal assessment model for interns as well as Postgraduate students. These initiatives, started a decade and a half ago, have subsequently been adopted by other institutions too.

The institution prides itself in being a pioneer in starting a comprehensive module for PG students by training all its postgraduates in the use of computers and computer applications apart from compulsory workshops in thesis plan, thesis writing, elementary biostatistics and CPR. All the faculty and residents have already been sensitized at TB and HIV workshops.

DMCH has earned the distinction of being the first institution in North India outside New Delhi to be accredited by American Heart Association as Training Site for imparting training in Basic Life Support and Advanced Cardiac Life Support Courses by our own AHA accredited instructors. This certification is valid across the globe.

The Department of Pediatrics is already imparting Neonatal Advanced Life Support, Pediatric Advanced Life Support and Basic Life Support Training to different categories of participants regularly.

Special academic activities are very frequently carried out in the institution. In the last one year most of the Departments have organized various CMEs, Conferences and training courses, workshops, seminars, and guest lectures. Some of these are shown here.

Since the last convocation, more than 120 camps were organized in different specialties. The major contribution has been by the 92 blood donation camps organized by the department of Immuno haematology and Blood Transfusion in which about 15000 units of blood were collected, highest numbers in the entire region.

The various academic departments celebrated the World Health Days. The World Diabetes Day, World TB Day, World Mental Health Day, World Day for Organ Donation, World Anaesthesia Day and World Alzheimer's Day were commemorated by organizing camps, performed free investigations and distribution of health information materials. The World Suicide Prevention Day was celebrated by conducting awareness and discussion on attempted suicide. The faculty, students and staff celebrated the International Thalassemia Day, World Red Cross Day, and National Voluntary Blood Donor Day by large number of blood donations

Declamation contest, symposium and poster making contests were held to celebrate Newborn Week, Breast feeding week, ORS week, and TB awareness Week.

Awareness walks were organized to educate lay people on World Health Day regarding prevention of diabetes and on the problem of Urogynaecological disorders.

The department of Pediatrics routinely conducts IAP Pediatric Quiz for undergraduate and postgraduate students. The institution organized the first regional Brain Bee Neuroscience Quiz 2010.

Special activities were organized under Biomedical Waste Management Week and Eye Donation Fortnight.

## **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 several awards, honours and fellowships over the last year as in previous years.

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.

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. 24 faculty members visited prestigious hospitals/medical centers and worked with renowned specialists in US, Europe and Oceania to acquire newer skills, competence, and proficiency in newer diagnostic and therapeutic modalities. The expertise is being applied to improve the quality of health care at DMCH.

Our faculty also delivered invited lectures at these institutions and shared our experience with them.

The faculty delivered more than 82 keynote addresses and invited lectures at different forums. The faculty members attended about 130 conferences, chaired 45 sessions in various conferences and presented 60 scientific papers.

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 31 international publications and 73 national publications in indexed medical journals. The faculty members have contributed 14 chapters in various books

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

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. In addition, research is being stimulated at undergraduate level and like the previous years, five of our students have enrolled for STS-ICMR project this year.

## **INFRASTRUCTURE DEVELOPMENT**

Sir, as we all are well aware, quality in medical education, patient care and research also depends on carefully crafted infrastructure.

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. 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. Various high-end equipment (first of its kind in the region) in keeping with the tertiary care status are available and are commensurate with matched laboratory support.

## **FACULTY COMMITTEES**

The various Committees of Faculty members looking after specific areas of the institutional special activities have been busy as ever this year. All the time and effort spent in this extra responsibility taken up by the faculty is much appreciated. All the academic and additional activities are regularly documented in the monthly bulletin 'Capsule' and the periodical 'DMC Scan'.

Our worthy Chief Guest will be pleased to know that ours is an absolutely zero-ragging institution and we have devised several novel methods to make the entry of newcomers into the DMCH family a most pleasant one.

Extracurricular events are an important part of student activities. We regularly organize cultural programs like the annual 'Ectopia', sports meet, musical evening, and commemoration of the Communal harmony week.

The College of Nursing has performed exceedingly well both in academic and extra-curricular activities all round the year.

## **THE FUTURE**

Coming to the plans for the future of DMC We intend to continue the rapid development in various core areas of the institution including patient care, education and research. Sir, only a few DM/MCh courses in superspecialty subjects remain to be included in our academic program, and we hope to add

them soon with your benevolent support and guidance. The process for NABH accreditation has been initiated and we are hopeful of acquiring the same this year. A centre for comprehensive cancer care including radiotherapy is coming up very shortly. Committees of concerned faculty members have been formed to facilitate liver transplantation program as well as stem cell research. The telemedicine facility is already in place linking our rural centre and its scope will be suitably enhanced in due course. Hospital Information System will be operative within this year. All this infrastructure will further enable us to expand the scope of medical tourism which has already started in a big way.

Finally, I heartily congratulate the new graduates and their families. I sincerely hope that during your undergraduate training with us, you have been able to imbibe the process of lifelong learning and take up challenging careers in the future. As you step out as MBBS graduates, I urge you to think of the degree as an opportunity and empowerment to make a positive difference to the lives of people you share this world with.

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

Remember that this degree is not the end, but just the beginning. I leave you with these humbling words from Sir William Osler:

“The training of the medical school gives a man his direction, points him the way and furnishes a chart, fairly incomplete, for the voyage, but nothing more”. The education of the doctor which goes on after he has his degree is, after all, the most important part of his education.”

God bless you.