

## CURRICULUM VITAE



### **Dr. Manoj Goyal**

Contact details : 0091-99966-70146,  
gmanoj75@gmail.com

Medical Council of India Registration No. :24886, Dated 08-07-2003

### **Vision statement/ Statement of educational philosophy**

- My philosophy is guided by the adult learning principles; motivation, respect and value to individuality and active involvement...I strive to inspire and motivate my students.
- A fundamental feature of effective facilitation is to make participants feel that they are valued as separate, unique individuals *deserving of respect*"
- I am passionate about Interactive teaching..! *Learning is not a spectator sport.* Student learning is optimized when students are actively involved in their own learning.

### **Educational qualification**

**M.B.B.S** with *Distinction in Pharmacology*

**M.D. (Pharmacology)**

### **Additional qualification**

- Certificate course in **Pharmacovigilance** and **Pharmacoepidemiology** from **Symogen, India.** (2008).

- Post Graduate certificate course in **Psychiatry** and **Psychosexual Medicine** from IMA AKN Sinha Institute, Patna, India, accredited by Indian Medical Association.(2009)
- **FAIMER fellowship** with Distinction (2014 batch) from PSG-FAIMER Regional Institute, Coimbatore, Tamilnadu, INDIA awarded by Foundation for advancement of International Medical Education & Research, Philadelphia, USA.
- Pursuing Post graduate diploma in Bioethics (PGDBE) (Session 2016-17) from PSG Institute Sciences and of Medical Research, Coimbatore, TN

### **Professional Experience (10 years after MD)**

- **Resident** in Department of Pharmacology, Govt. Medical College, Patiala (India) from June 2004 to May 2007
- As **Assistant Professor** in the department of Pharmacology in M.M Institute of Medical Sciences & Research Institute , Mullana, Ambala, Haryana, INDIA from **1.6.2007** till **31.05.2011**.
- As **Associate Professor** in the department of Pharmacology in M.M Institute of Medical Sciences & Research Institute , Mullana, Ambala, Haryana, INDIA from **1.6.2011** till 31.05.2014.
- As **Professor** in the department of Pharmacology in M.M Institute of Medical Sciences & Research Institute , Mullana, Ambala, Haryana, INDIA from **1.6.2014** till 10.1.2017.
- As **Professor** in the department of Pharmacology in NC Medical College & Hospital, Israna, Panipat, Haryana, INDIA from 11.1.2017 till 17.10.2018.
- As **Professor** in College of Applied Medical Sciences, Imam Abdul Rahman bin Faisal University, Dammam, Saudi Arabia from 30.10.2018 till date.

### **Publications**

1. *Understanding Migraine: An overview* - Indian Journal of Clinical Practice. Vol. 21 No.3, August, 2010.

2. ***Perceptions and suggestions of 2<sup>nd</sup> professional students about their teaching and learning process***: An analytical study. National Journal of Integrated Research in Medicine. Vol.1(4) Oct.-Dec. 2010.
3. ***Efficacy and Tolerability of Combination therapy vs. Monotherapy in GERD Patients***. Indian Journal of Clinical Practice. Vol. 21, No.9, February 2011.
4. ***Carbapenemases- the new face of AMR***. Indian Journal of Clinical Practice. Vol. 22, No.4, Sep. 2011
5. ***Medication Errors- a preventable problem***. Indian Journal of Clinical Practice. Vol.22, No.7, December 2011.
6. ***Longitudinal Study of Peak Expiratory flow Rate in Pregnant Women of Punjab***- National Journal of Integrated Research in Medicine Vol. 3(1) Jan-March 2012.
7. ***Premenstrual syndrome- a monthly menace***. Indian Journal of Clinical Practice. Vol. 22 No.10, Mar. 2012.
8. ***Nanomedicine: current status and future implications***: Indian Journal of Clinical Practice. Vol.22, No.12, May 2012.
9. ***Probiotics: the friendly microbes***: Indian Journal of Clinical Practice. Vol.23, No.3, August 2012.
10. ***Superbug: reality or fiction***. Journal of advanced researches in biological sciences. Vol.4 (3) September 2012.
11. ***BPH: current and future therapeutics***. Indian Journal of Clinical Practice. Vol.24, No.2, July 2013.
12. ***To assess the attitude, knowledge and practices of medical professionals about adverse drug reactions and their reporting in a teaching hospital*** Indian Journal of Clinical Practice. Vol.24, No.3, August 2013.
13. ***Current and emerging trends in pharmacological management of osteoporosis*** International journal of pharmaceutical sciences review and research. 21 (2), Jul-Aug 2013.
14. ***Cerebroprotein hydrolysate: Innovation in neurodegenerative disorders***. International journal of medical and dental sciences. 3(1), January 2014.
15. ***A comparative study of lornoxicam and diclofenac in patients suffering from osteoarthritis***. Research and reviews: Journal of medical and health sciences; 3(2), March 2014.
16. ***Extended spectrum beta lactamase and Amp C beta lactamase production among Gram negative bacilli isolates obtained from urinary tract infections and wound infections***. Indian Journal of Clinical Practice. Vol.24, No.11 April 2014.
17. ***Pharmaceuticals in the Environment: An unforeseen disaster***. Indian Journal of Clinical Practice. Vol.24, No.12 May 2014.

18. ***Isometric handgrip strengthening exercise and hemodynamic responses in mild hypertensive females in Indian population.*** Indian Journal of Clinical Practice Vol.24, No.12 May 2014.
19. ***Risk Factors Associated with Trimethoprim-sulfamethoxazole and Ciprofloxacin Resistance Among Escherichia coli Strains Isolated from Community-acquired Urinary Tract Infection.*** Indian Journal of Clinical Practice. Vol. 29 No. 9 February 2015.
20. ***Direct to consumer advertising: a mixed blessing.*** National Journal of Integrated Research in Medicine Vol. 6(3) May-June 2015.
21. ***Fixed Dose Combination of Drugs: Are they justified?*** National Journal of Integrated Research in Medicine. Vol. 6(5) Sep-Oct 2015.
22. ***Effect of promotional literature on the prescribing habits of practitioners.*** International Journal of Medical and Dental Sciences. Vol. 5(1) January 2016.
23. ***Migraine: Diagnosis and Prophylactic Management.*** Indian Journal of Pharmacy and Pharmacology. Vol. 3(1) Jan-Mar 2016.
24. ***Ecopharmacology: an issue that needs urgent action.*** International Journal of Basic & Clinical Pharmacology. Vol. 5(5) Sep-Oct 2016
25. ***Effectiveness of modified jigsaw as an active learning strategy in physiology.*** National Journal of Integrated Research in Medicine. Vol. 7(6) Nov-Dec 2016.
26. ***To introduce and measure the effectiveness of Case Based Learning (CBL) in physiology.*** International Journal of Research in Medical Sciences. Vol.5(2) February 2017.
27. ***Impact of Educational Intervention on the Awareness of Disposal of Leftover/Expired Medicines among Health care Professionals.*** Journal of Pharmacology and Pharmacotherapeutics. Vol. 9(2) April-June 2018

### **International presentations/experience**

1. A Poster Presentation titled '***A Comparative Study to Evaluate the Efficacy & Tolerability of Combination Therapy of Pantoprazole and Itopride vs Pantoprazole Monotherapy in Gastroesophageal Reflux Disease Patient's***' at "Innovations in Pharmacology" Canadian Society of Pharmacology & Therapeutics(CSPT-2009) held at Sheraton Cavalier Saskatoon Hotel, Saskatoon, **Canada** from May 30-June 2,2009
2. Poster presentation titled ***Perceptions and suggestions of 2<sup>nd</sup> professional students about their teaching and learning process*** at AMEE-2011 at Vienna, **Austria** from 29<sup>th</sup> to 31<sup>st</sup> Aug. 2011.

3. Presented a poster titled "***To determine the motivation of medical students for their career choice***" at 9th Annual DMC Medical Education Symposium DMES-2015 organized by **Dubai Medical College** held at Dubai health care city, **Dubai, U.A.E** on May 30<sup>th</sup>, 2015.
4. Poster presentation (first author not presenting author) titled "***Determination and comparison of motivation in medical and dental students for choosing their career***" at AMEE-2015 at Glasgow, Scotland, United Kingdom from 5<sup>th</sup> to 9<sup>th</sup> September, 2015.

### **Papers presented at National/state conferences**

- ***Erectile Dysfunction: Do not suffer in silence***- An Oral presentation at 8th Punjab Science Congress at Punjabi University, Patiala, Punjab, (India) held on 7th- 9th February, 2005.
- ***Malaria : Etiology and Therapeutics***- A Poster presentation at 7th International Symposium on Vectors and Vector Borne Diseases held on 18th -20th February, 2005 at Department of Zoology, Punjabi University, Patiala in collaboration with National Academy of Vector borne diseases.
- ***Homocysteine : The new age Cholesterol*** - An Oral presentation at 9th Punjab Science Congress under the auspices of Punjab Academy of Sciences at Guru Nanak Dev Dental College and Research Institute, Sunam, Punjab (India) held on 7th-9th February, 2006.
- ***Suicide : The Wrath of IXTAB*** - A Poster presentation at 9th Punjab Science Congress under the auspices of Punjab Academy of Sciences at Guru Nanak Dev Dental College and Research Institute, Sunam, Punjab (India), held on 7th-9th February, 2006.
- ***Informed Consent in Clinical Trials*** : An Oral presentation at Punjab Academy of Forensic Medicine and Toxicology Conference (PAFMATCON) on 9th December, 2006 held at Government Medical College, Patiala, Punjab(India).
- ***Combining Itopride with Pantoprazole for treatment of Gastroesophageal Reflux Disease: Rational or Irrational*** – A Poster presentation at 40<sup>th</sup> Annual Conference of Indian Pharmacological Society (IPS) Nov.1-3,2007

held at National Institute of Pharmaceutical Education & Research (NIPER) Mohali, India.

- Poster presentation titled *Perceptions and suggestions of 2<sup>nd</sup> professional students about their teaching and learning process: An analytical study* at XXXXIII Annual Conference of Indian Pharmacological Society & International Conference on “Pharmacology and Translational Research held at National Institute of Nutrition, Hyderabad from 13<sup>th</sup> to 16<sup>th</sup> December, 2010
- Oral presentation titled “ *Critical appraisal of Pharmaceutical Promotional Literature* at an International CME cum Conference-2012 on Hospital acquired super bugs: return to the preantibiotic era, held at MMIMSR, Mullana, Ambala, Haryana, India from 4<sup>th</sup> to 5<sup>th</sup> Feb. 2012.
- Oral presentation titled “*The Pharmaceutical promotional literature- a critical view point* at CME Physiology update-2012 held at Government Medical College, Patiala, Punjab on 10<sup>th</sup> March, 2012.
- Research poster titled “*Faculty development program for health professions*” at national conference on health professions education (NCHPE-2015) held at Maulana Azad Medical College, New Delhi from November 18<sup>th</sup> to 21<sup>st</sup>, 2015.

#### **FDP/Conferences/CME/Workshop organized- Guest lecture/session conducted**

- *International CME cum Conference-2012 on Hospital acquired super bugs: return to the preantibiotic era* at MMIMSR, Mullana, Ambala, Haryana, India on Feb. 4<sup>th</sup> to 5<sup>th</sup> 2012.
- *Basic Course Workshop in Medical Education Technologies* certified by Medical Council of India at MMIMSR, Mullana on October 23<sup>rd</sup> -25<sup>th</sup>, 2013.
- *Basic Course Workshop in Medical Education Technologies* certified by Medical of India at MMIMSR, Mullana from April 24<sup>th</sup> -26<sup>th</sup>, 2014.
- Faculty development program on “*Thesis and Protocol writing*” at MMIMSR, MMU, Mullana on August 4<sup>th</sup>-5<sup>th</sup>, 2014.
- Faculty development program on “*Interactive teaching*” at MMIMSR, MMU, Mullana on October 17<sup>th</sup>, 2014.

- ***Basic Course Workshop in Medical Education Technologies*** certified by Medical of India at MMIMSR, Mullana on January 28<sup>th</sup> -30<sup>th</sup>, 2015.
- Conducted a guest session on ***“Art of large group teaching and Interactive teaching”*** at Himachal Institute of Dental Sciences, Paonta Sahib, Himachal Pradesh on 21.04.2015.
- Delivered a guest talk on ***“Training of teachers (ToT) on the use of interactive methods in large group teaching”*** at a CME Physiology Update-2016 at Govt. Medical College, Patiala, Punjab on 12.03.2016.
- Organizing secretary for 3T- IBHSc training course in Bioethics training for Health Professionals of Health Science Universities accredited by the UNESCO Chair in Bioethics, Haifa an initiative of the Indian program of the UNESCO Chair in Bioethics, Haifa & Maharishi Markandeshwar University, Mullana, Ambala from ***April 25th - 27th, 2016 at MMU, Mullana, Ambala.***
- National Accredited Resource faculty for 3T- IBHSc training course in Bioethics training for Health Professionals of Health Science Universities accredited by the UNESCO Chair in Bioethics, Haifa an initiative of the Indian program of the UNESCO Chair in Bioethics, Haifa & Maharishi Markandeshwar University, Mullana, Ambala from ***April 25th - 27th, 2016 at MMU, Mullana, Ambala.***
- National Accredited Resource faculty for 3T- IBHSc training course in Bioethics training for Health Professionals of Health Science Universities accredited by the UNESCO Chair in Bioethics, Haifa an initiative of the Indian program of the UNESCO Chair in Bioethics, Haifa & Chettinad Academy of Research & Education from ***April 28th - 30th, 2016 at Chettinad Academy of Research & Education, Chennai.***
- Organized and participated as a resource faculty in a two days workshop ***“Resident Preceptor Training - a primer course in educational methodology for medical postgraduates*** on 17th-18th May, 2016 at MMIMSR, Mullana.
- Guest session ***“Teaching methods and Tools”*** in a National symposium "Pharmacology Curriculum in MBBS, MD and DM courses in India at 49th

- Annual Conference of the Indian Pharmacological Society IPSCON-2016 from 21st to 23rd October, 2016 held at Post Graduate Institute of Medical Education and Research (PGIMER), Chandigarh.
- Guest session on "**Medication Errors and Rational Drug Use**" in a Faculty Development Program on efficient and effective pharmaceutical management in hospitals towards healthcare quality and better patient safety(24th to 26th October, 2016) at MM College of Pharmacy, MMU, Mullana on 25th October, 2016
  - National Accredited Resource faculty for 3T- IBHSc training course in Bioethics training for Health Professionals of Health Science Universities accredited by the UNESCO Chair in Bioethics, Haifa an initiative of the Indian program of the UNESCO Chair in Bioethics, Haifa from **7th Nov.- 9th Nov., 2016 at Sikkim Manipal Institute of Medical Sciences (SMIMS), Tadong, Gangtok.**
  - National Accredited Resource faculty for 3T- IBHSc training course in Bioethics training for Health Professionals of Health Science Universities accredited by the UNESCO Chair in Bioethics, Haifa an initiative of the Indian program of the UNESCO Chair in Bioethics, Haifa from **12th Nov. - 14th Nov., 2016 Santosh University** SEHPL, Santosh Group of Institutions, Ghaziabad, NCR, New Delhi.
  - Organized and participated as a resource faculty in workshop on "**Interpersonal Communication and Collaboration**" for the postgraduates on 17th Nov. 2016 at MMIMSR, Mullana.
  - National Accredited Resource faculty for 3T- IBHSc training course in Bioethics training for Health Professionals of Health Science Universities accredited by the UNESCO Chair in Bioethics, Haifa an initiative of the Indian program of the UNESCO Chair in Bioethics, Haifa from **28th Nov. - 30th Nov., 2016 NITTE University**, Mangalore, Karnataka.

**Conferences/CME attended (In addition to the presentations)**

- "**National Workshop on Clinical Pharmacology** " held on 21st-26th February 2005 at Department of Pharmacology, Postgraduate Institute of Medical Education and Research (**PGIMER**), Chandigarh, Punjab(India)

- Symposium on *Advances in Clinical Research* held on 16th-17th April, 2005 at Department of Pharmacology, Christian Medical College and Hospital, Ludhiana Punjab(India).
- CME on *Biopotentials in Health and Disease* held on 7<sup>th</sup> May, 2005 at DMCH, Ludhiana Punjab(India)
- *ACADIMA - 2005*, 39th Annual National Conference and CME of Indian Medical Association held on 21st-23rd October, 2005 at Ludhiana. Punjab(India)
- *PAFMATCON 2005*, 4th Annual Conference and CME of Punjab Academy of Forensic Medicine and Toxicology held on 9th December 2005, at Govt. Medical College, Patiala, Punjab(India)
- *EDUCON - 2005*, An International Conference on GATS and EDUCATION held on 28th-30th December, 2005 at Punjabi University Patiala, Punjab(India) organised by Department of Education & Community Service and All India Association for Educational Research.
- Workshop on *Drug Discovery and Development in NEW MILLENNIUM (D3NM-3)*:- Interfacing with Predictions, Targets, Disease models, Pharmacological Experiments and Clinical Research held on February 21-24, 2006 at National Institute of Pharmaceutical Education and Research (NIPER), Mohali. Punjab(India)
- National Conference of AIAER on *Higher Education and National Development : Issues and Concerns*, held on 5th-6th May, 2006 at Jasdev Singh Sandhu College of Education, Kauli, Patiala, Punjab(India)
- CME cum Workshop on '*Drafting skills in Medical Research*' held on 16th September, 2006 at Govt. Medical College, Chandigarh, Punjab(India).
- CME on *Living Anatomy* held on 7th October, 2006 at Govt. Medical College, Patiala, Punjab (India).
- CME on *Trauma Management* held on 16th December, 2006 at Govt. Medical College, Patiala, Punjab (India).
- National Conference of *Committee for the purpose of control and supervision of Experiments on Animals (CPCSEA)* organized by Ministry

- of Environment and Forests, Government of India, New Delhi on 15<sup>th</sup> January, 2010 at India Habitat Centre, Lodhi Road, New Delhi.
- CME on ***Obesity- A Growing Challenge*** organized by department of Pharmacology & Department of Dietetics at Government Medical College & Hospital, Chandigarh on 29<sup>th</sup> January, 2010.
  - CME on ***Concepts of Neurophysiology in Spasticity & Management, Physiotherapy Assessment in Neuro Intensive Care Unit and Concepts of Neurophysiology of Bladder & Management*** organized by M.M. Institute of Physiotherapy & Rehabilitation, Mullana, Ambala, Haryana on 23<sup>rd</sup> February 2010
  - CME on “***Alternatives to Animals in Medical Education (AAME)***” sponsored by Medical Council of India organized by Department of Pharmacology, Christian Medical College and Hospital, Ludhiana on 27<sup>th</sup> February, 2010
  - Workshop on ***Literature search*** organized by Medical Education Unit, MMIMSR, Mullana in collaboration with QMed Knowledge foundation held at MMIMSR, Mullana, Ambala on 22<sup>nd</sup> and 23<sup>rd</sup> April 2010.
  - CME on ***Migraine*** organized by Association of Physiologists and Pharmacologists of India at Dayanand Medical College & Hospital, Ludhiana on 24<sup>th</sup> April 2010
  - ***Basic Course Workshop in Medical Education Technologies*** certified by Medical Council of India held at Regional Centre, Christian Medical College, Ludhiana from 23-25<sup>th</sup> September, 2010
  - ***‘Young Scientist Training Workshop on Tools and Techniques in Physiological and Pharmacological Sciences’*** sponsored by DST on 14<sup>th</sup> Dec. 2011 as a part of 57<sup>th</sup> Annual Conference of Physiologists and Pharmacologists of India at the All India Institute of Medical Sciences, New Delhi.
  - 57<sup>th</sup> Annual Conference of Physiologists and Pharmacologists of India ***APPICON 2011*** held at All India Institute of Medical Sciences, New Delhi from 13-17 Dec. 2011

- Scientific programme on '*Pharmacovigilance*' conducted by Knowledge Academy at Maharishi Markandeshwar Institute of Medical Sciences, Mullana, Ambala, Haryana, India on sponsored by Abbott Laboratories Ltd.
- CME on '*Modernizing Medical Training: Replacing Animals in MBBS Program*' held on 20<sup>th</sup> January 2012 at Christian Medical College, Ludhiana, Punjab in Association with People for Ethical Treatment of Animals (PETA), India
- 'IndMED/MedIND Training cum User Awareness Programme' covering IndMED and MedIND databases, internet biomedical information resources and issues like copyright, intellectual property, impact factor and open access on 29<sup>th</sup> July 2013, organized by MMIMSR, Mullana in collaboration with National Informatics centre, New Delhi.
- CME breast cancer update-2015 organized by departments of surgery, oncology and radiotherapy, MMIMSR, Mullana, held on May 10<sup>th</sup>, 2015.
- Interface between Psychiatry & Medicine mid-term CME organized by MMIMSR, Mullana in collaboration with Indian Psychiatric Society (NZ) Haryana branch, held on April, 2015.
- Sensitization program for Attitude and Communication (AT-COM) module organized by and at Medical Council of India (MCI) Regional Centre; Maulana Azad Medical College, New Delhi, on September 8th, 2015.
- Revised Basic Course Workshop in Medical Education Technologies organized by and at Medical Council of India (MCI) Regional Centre; Maulana Azad Medical College, New Delhi, on September 9-11, 2015.
- 3T Plus E training Program in Bioethics for Medical Teachers of medical education programs an initiative of the Indian program of the UNESCO Chair in Bioethics, Haifa & Pt. B.D. Sharma University of Health Sciences, Rohtak, haryana, from Nov 30th - Dec. 2nd, 2015.

- 3T- IBHSc training course in Bioethics training for Health Professionals of Health Science Universities accredited by the UNESCO Chair in Bioethics, Haifa an initiative of the Indian program of the UNESCO Chair in Bioethics, Haifa & Maharishi Markandeshwar University, Mullana, Ambala from April 25th - 27th, 2016.
- Disarming Dialogues - Reviving Humanities in Medical Education organized by The University of Chicago, Bucksbaum Institute for Clinical Excellence and Medical Humanities group, University College of Medical Sciences University of Delhi (UCMS), New Delhi from 2nd to 4th November, 2016 at the University of Chicago Delhi Center, New Delhi.
- CME in Pathology & 9th Annual Conference of APP, Haryana organized by Association of Practising Pathologists, Haryana & Department of Pathology MMIMSR, Mullana, Ambala on February 26, 2017 at M.M. Continental, MMU, Mullana, Haryana.
- Workshop on Quality, Leadership & Excellence in Academic Programs & Patient Care (Q:LEAP) organized by Medical Humanities Group of University College of Medical Sciences in collaboration with CT QUEST on 4th August, 2017 at University College of Medical Sciences, Delhi.

***Dr. Manoj Goyal***

**References:**

Name	Designation & Affiliation	Email id
Prof. Dr. Santanu K. Tripathi	Prof. & Head, Clinical & Experimental Pharmacology, Calcutta School of Tropical Medicine, Calcutta, INDIA	tripathi.santanu@gmail.com
Prof. Dr Sucheta Dandekar	Professor and Head, Biochemistry, Seth GS Medical College & KEM Hospital , Mumbai, INDIA	sucheta.dandekar@gmail.com

Prof. Dr Thomas Chacko	Dean Medical Education & Professor Community Medicine, Believers Church Medical College & Hospital, St Thomas Nagar, Kuttapuzha, Thiruvalla, PIN 689103 Kerala State, India	drthomasvchac ko@gmail.com
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