



Ministry of Human Resource Development
Government of India



ALIGARH MUSLIM UNIVERSITY



GLOBAL INITIATIVE OF ACADEMIC NETWORKS
(GIAN)

Preparing Physicians for the 21st Century: Meeting the Challenges of Medical Education in India

We have realised today that the training of Medical Graduates is highly in adept at problem solving and providing solutions for the patients' problems. This is because we do not have clearly defined goals and objectives and are not imparting competency based training.

Apart from that we fail to train students to integrate their knowledge in solving realistic clinical problems or "cases". Today we have realised the importance of assessment for learning and started challenging the traditional methods of assessment. We are churning out 'Objective Type Doctors' who are 'Walking Medical Encyclopaedias' but have no clue about how to apply this knowledge to patient care.

In order to meet the challenges of the changing trends in Medical Education the present course is designed to provide a hands on experience to the faculty in the use of 4 important curricular reforms namely designing of smart learning objectives, conducting integrated and case based teaching sessions and improving MCQ writing skills.

Objectives: At the end of the course the participants will be able to:

1. Define and differentiate between educational goals and learning objectives
2. Write 'SMART' learning objectives
3. Align educational objectives to assessment
4. Plan sessions for Integrated Teaching
5. Utilise Case Based learning as a teaching methodology
6. Design MCQs for assessment of the higher order of Bloom's Pyramid
7. List the importance of scholarship for a medical educator

Who should attend?

- Faculty from Medical Colleges
- Senior Residents and Junior Residents involved in teaching at all levels
- Faculty from other Departments of the University

Know your Faculty



Vinay Kumar, Chairman Emeritus, Alice Hogge and Arthur A. Baer Distinguished Service Professor, Department of Pathology, Biological Sciences Division and The Pritzker Medical School, Department of Pathology, Vice Dean, Division of Biological Sciences, University of Chicago, Chicago. A scholar with extensive clinical experience and distinguished educational and research credentials. An authority on the cellular and molecular biology of natural killer cells, Professor Kumar has been a leader in understanding the origin and differentiation of these cells and their role in the rejection of transplanted bone marrow. He is also the senior editor of the pathology reference book *Robbins and Cotran Pathologic Basis of Disease*.

The author or co-author of five pathology textbooks and teaching aids, has published more than 100 original articles in scientific journals, a dozen book chapters, and nearly 20 review articles. He has lectured throughout the U.S. and Europe, served on the editorial boards of several journals, including the *Journal of Immunology*, and recently completed his term as president of the American Society of Investigative Pathology.



Professor Tamkin Khan, MD. DNB, MNAMS, MICO, FAIMER Fellow has more than 22 years of clinical, research and teaching experience. Her areas of interest include emergency obstetric care and gynaecological oncologic surgery. She is a Master Trainer for EmOC and HIV/RTI. She has published 87 papers, 67 of which are in indexed journals, a book, contributed chapters to others, guided 26 theses and is a peer reviewer for three international journals including BMJ Case Reports and Education for Health. She is an active member of the FOGSI, serving as a resource person at scientific meets. Her department is a regional centre for training in emergency obstetric care where 2-3 batches of medical officers are trained per year. She has been consistently working to reduce maternal mortality in her region through these trainings and through social organisations for the past 10 years.

She is a passionate teacher, actively involved in faculty development programs and a FAIMER Fellow. Currently she is the Coordinator of the medical education unit at her

Registration Fee: without food and lodging but includes all instructional materials, use of internet and computers. High tea will be served between sessions. No TA/ DA will be paid to the participants. Accommodation on payment can be arranged if requested.

Foreign Delegates	US \$ 200
Indian Delegates	INR 3000

Mode of Payment

Money may be transferred in the name of : “Gian Course FDP”
 Account Number: 50409717079
 Bank: Allahabad Bank
 Branch: AMU Branch, ALIGARH
 IFSC code: ALLA021034
 Branch code: 210134
 MICR code: 202010003

Scientific Programme

October 23rd to 27th (12 hours in 5 days, 7 lectures, 5 tutorials)

Day 1

23rd
October

Session 1 [Didactic Lecture]: 1 hour, Vinay Kumar
Educational goals, Learning Objectives and Competencies
Session 2 [Didactic Lecture]: 1 hour, Tamkin Khan
Writing SMART Learning Objectives
Session 3 [Tutorial]: 1 hour, Vinay Kumar
Practice session on writing Learning Objectives

Day 2

24th
October

Session 4 [Didactic Lecture]: 1 hour, Vinay Kumar
The art and science of writing MCQs aligned to Learning Objectives
Session 5 [Tutorial]: 1 hour, Tamkin Khan Practice session on Writing good MCQs

Day 3

25th
October

Session 6 [Didactic Lecture]: 1 hour, Vinay Kumar
Integrated teaching
Session 7 [Didactic Lecture]: 1 hour, Tamkin Khan
Designing an Intergrated Curricullum module

Day 4

26th
October

Session 8 [Didactic Lecture]: 1 hour Vinay Kumar
Case Based Learning
Session 9 [Tutorial]: 1 hour, Vinay Kumar
Practice session on how to conduct a case based learning session

Day 5

27th
October

Session 10 [Didactic Lecture]: 1 hour, Vinay Kumar
Scholarship and my journey from AIIMS to Chicago
Session 11 [Tutorial]: 1 hour, Tamkin Khan
Professional Development Portfolio
Session 12 [Feedback and Assessment]: 1hour, Tamkin Khan
Feedback: 30 minutes
MCQ Based Assessment : 30 minutes

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Principal Coordinator:
Professor Tamkin Khan

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