



MHRD
Govt. of India

Sant Gadge Baba Amravati University, Amravati (Maharashtra)

(NAAC Reaccredited 'A' Grade University)

Department of Biotechnology

GIAN Short Term Course on

EVIDENCE BASED MEDICINE (EBM): PRINCIPLES AND EVIDENCES

Course code: 176039H02

December 9-13, 2019

Overview

An increasing number of academic healthcare institutions and residency programs are instituting curricula for teaching the principles and practice of evidence based health care. With the ever changing demands of healthcare workplace into which the students are transitioning, evidence based medicine teaching has a challenging task to meet student and employer needs towards better patient care.

A principle of current mainstream educational thinking argues that „deep learning“ is most likely to occur when the learner is activity engaged in the learning activities but also incorporates theoretical learning with their everyday experiences. Within this context the use of mobile technology as a means of information retrieval, management and synthesis, in the current cyber educational (and social) environment is integral and likely to carry over to lifelong learning and the workplace effectively. With up to 75 clinical trials and 11 systematic reviews available online on a daily basis medical knowledge is not static. MEDLINE now adds over 12 000 articles to its database per week, including more than 300 reports of clinical trials. There is a clear need to make good use of what we know and to develop parsimonious strategies to cope with the growth of medicine knowledge, with a clear focus on what will improve patient care.

The current course proposal (Evidence Based Medicine: Principles and Practices) is aimed in developing knowledge and skills in the area of quality use of medicine through application of best practice evidence. Students will develop critical evaluation skills for the purpose of effective implementation of evidence-based health care into practice. This will be achieved by providing a fundamental knowledge and understanding of three modules: (A) Critical

appraisal of biomedical literature for implications in research and clinical practice; (B) Applied evidence in quality use of medicines in special patient population/group and (C) Applied evidence based medicine (pharmacovigilance, pharmacoepidemiology and pharmacoeconomics).

The courses on evidence based medicine are commonly poorly rated by students. They demonstrate a limited understanding and feel a disconnection between the knowledge and practice aspect of learning applied evidence. The National Competency Standards Frameworks for healthcare professionals (medicine, dentistry, nursing, pharmacy and other allied health profession) internationally requires adequate clinical skills for a practicing professional in facilitation of evidence based medicine to promote optimal medication usage and disease management. This course will be planned and offered as per the set guidelines by the Global Initiative of Academic Network in accordance with the parent Institute as suggested/recommended by the decision makers.

This course is equally applicable to healthcare students from Pharmacy, Medicine, Dentistry and Nursing with current focused aimed for Pharmacy students (BPharm, MPharm, Pharm D and PhD).

Modules

- Principles of evidence based medicine
- Steps involved in provision of medication Information
- Critical appraisal of biomedical literature
- Medication usage in paediatric population.
- Medication usage in renal and hepatic Impairment
- Principles of medication safety (Pharmacovigilance)
- Skill development in practicing pharmacoeconomics

Course Schedule:December 9-13, 2019

You can attend if....

- You are Research scholar from Universities, Colleges and government organizations, including R&D laboratories.
- You have enrolled as student for B.Sc/ BPharm/ MSc/ M.B.B.S/ BDS/BAMS/M.S./ M.D./MPharm/ MTech/ PharmD/ PhD)
- You are Faculty from reputed academic institutions and technical institutions.

Fees:*

Participants from abroad: US \$125

Industry / Research Organizations: Rs. 3000

Academic Institutions:

Faculty: Rs. 2000

Research Scholars: Rs. 1500

UG/PG Students: Rs 1000

*The above fee include all instructional materials, computer use for tutorials and assignments, laboratory equipment usage charges, 24 hr free internet facility. Participants will be provided with accommodation on payment basis.

Please Register yourself to GIAN Portal also - <http://www.gian.iitkgp.ac.in/GREGN/index> . Registration to the portal is one time affair and will be valid for lifetime of GIAN. Once registered in the portal, an applicant will be able to apply for any number of GIAN courses as and when necessary. One time Non-refundable fee of Rs. 500/- is to be charged for this service. Please also note that mere registration to the portal will not ensure participation in the courses. The course coordinator has the final say on the selection of participants. Please do not confuse with web registration with course registration. The course registration fee is separate.



Faculty

Dr. Sohil A Khan

Senior Lecturer,

Menzies Health Institute, Griffith

University 4222, Queensland, Australia

Qualifications

- PhD (Doctor of Philosophy), The University of Queensland, Australia;
- Grad Cert in Higher Education, Griffith University, Australia
- MBA (Healthcare Services), Sikkim Manipal University; India
- MPharm (Clinical Pharm), Manipal University, India

Professional positions

- Senior Lecturer, Menzies Health Institute, Griffith University, Australia
- Research Fellow and Lecturer, Mater Research Institute - The University of Queensland, Australia
- Lecturer, The University of Queensland, August 2010-August 2011

Awards/Recognition

- Griffith Excellence, Griffith University, Australia: Academic Commendation in learning and teaching for the consecutive three years (2014, 2015 and 2016)
- Faculty of the year (Highly Commended - Early Career Category): Griffith University, Australia 2014
- Australia-Thailand Early Career Research Mobility Program, Department of Education, Australia and Department of Education, Thailand 2014-2015
- Best Paper Award : Quality Use of Medicine, The University of Queensland, Australia 2012
- Best Research Higher Degree Award (Clinical Category), Mater Research 2011-12
- International Postgraduate Research Scholarship (IPRS), Department of Health, Australia

Learning and Teaching Experience and Activities

As the convenor for evidence based practice (education and training in translational research) he is currently responsible for the oversight of all Learning and Teaching related activities in the School of Pharmacy, Griffith University including inter-professional learning. During his career, he has also personally led the development of a number of new degree programs including a Master of Pharmacy and Bachelor of Pharmacy (Griffith University); and The doctorate in Pharmacy (Pharm D) program in India. He has also designed numerous new courses and taught across a wide breadth of subjects.

Course Coordinator



Dr. (Mrs.) Anita S. Patil

Professor

Department of Biotechnology

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December 9-13, 2019

Registration Form

Name (in block letters):

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Qualification:

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Designation:

UG/PG Student/Research Scholar/Faculty/Scientist

Organization:

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Mailing address:

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Mobile :

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Fax :

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Email :

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Payment: Rs:

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(i) Demand draft drawn in favour of 'The Finance and Accounts Officer, SGBAU Amravati,
If payment is by DD, please furnish the following details:

DD No.: _____ Dt: _____

(ii) Cash Payment on Finance Section, Sant Gadge Baba Amravati University, Amravati

Receipt No. : _____ Dt: _____

Guest House/Hostel stay needed (will be arranged as per availability on a payment basis): Yes /
No

Signature of Applicant :

Date:

All completed registration forms may kindly be mailed to:

Dr. (Mrs) Anita S Patil

Professor, Department of Biotechnology

Course Coordinator

Sant Gadge Baba Amravati University, Amravati 444602

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