



MGM INSTITUTE OF HEALTH SCIENCES

(Deemed University u/s 3 of UGC Act, 1956)

Grade 'A' Accredited by NAAC

PhD CET Syllabus

Paper II - Subject Specific Test Health Profession Education

- Perspectives of Health Professions Education: Global and National.
- Aim of health professional education, trends in health professional education and its impact on health care.
- Critically analyze the existing health professional education, their problems, issues and future trends
- Group dynamics
- Systems approach - system determinants, impact of social, economical, political and technological changes in medical and health professional education. Use principles of adult learning in the teaching learning process , Use the system's approach for instructional design.
- Educational aims and objectives, Taxonomies, types, domains, levels, elements and writing of educational objectives.
- Classify and define learning domains, demonstrate a basic understanding of hierarchy of knowledge progression
- Educational reforms and national educational policies, reports of various educational commissions - their implications for health profession education.
- The competencies approach to health care professionals education.
- Competency based education(CBE) and outcome based education(OBE).
- Adult learning, pedagogy, andragogy, heutagogy
- Theories of learning
- Bloom's taxonomy
- Krathwohl's classification of objectives and its advantages in the teaching and assessment of affective Domain of learning.
- Various instructional media and methods in teaching - learning process

- Methods of Teaching and Learning : lecture, discussion, demonstration, simulation, laboratory, seminar, panel, symposium, problem solving, problem based learning (PBL), Problem oriented/Case Based learning, workshop, project, role- play, clinical teaching methods, programmed instruction, self-directed learning(SDL), micro teaching, mini-teaching, computer assisted instruction (CAI), computer assisted learning (CAL). Classroom management, Newer methods of interactive teaching, flipped classroom, jig-saw, brain storming, concept-testing, e-learning, blended learning, Web-based learning, Collaborative Learning. Face to Face vs. Distance learning/Online learning, Fostering Self Learning, Learning Management Systems, role in small group teaching and other forms of curriculum delivery.
- Instructional media and methods - use of media in education. Instructional aids – types, uses, selection, utilization, Projected and nonprojected aids, multimedia, video-teleconferencing etc. Simulation, Standardized patient (SP), Field Work.
- E-learning, distance learning, blended learning
- Information Technology in instructional process.
- Principles of assessment, formative and summative assessment
- Tools and techniques of assessment, conventional and recent techniques; Advantages and limitations.
- Pre-validation and Post Validation, Item Analysis, Question Banking
- Role of Blue-printing
- Reliability and validity of a test
- Construction of tests- Essay, short answer and multiple objective types.
- Effective clinical and practical skill teaching
- Assessment of clinical and practical skills
- Self directed learning
- OSCE/OSPE (objective structured clinical/practical examination).
- Internal Assessment, Feedback and its role
- Development of standards and accreditation process in health professional education programs

- Humanism, ethical values, professionalism
- Curriculum development, and the need , methodology of curriculum change, innovation and integration
- Curriculum Planning and organization.
- Educational Research
- AET-COM module
- Teaching Communication skills
- Concept of Workplace based assessment
- Writing a lesson plan
- Ability to write reflection & narrative
- Educational networking for growth- understand avenues for growth in education , create networks in education

Prepared by:

Dr. Mrunal Pimparkar

Medical Education Unit Co-ordinator

& Professor, Community Medicine

MGM Medical College, Navi-Mumbai.

