

Capability enhancement and development schemes employed by the institution

1. Soft skill development:

Our institute conducts foundation course for the Phase I MBBS students according to the CBME curriculum at the commencement of the academic year for a month during which training is imparted on the core skills to improve their efficacy in the medical profession. They include presentation skills, public speaking, professional attitude, team work, email writing, ethics for mobile usage, interpersonal relationship, leadership skills, time management, stress management, value of integrity, honesty, and respect during interaction with others.

2. Language and communication skill development

Language lab:

English language:

Students of first-year MBBS are trained for English language proficiency by the faculty of Manakula Vinayagar Institute of technology, SMVMCH Campus, a sister concern of our institution. This training helps the students to understand the concept of subjects as the medium of instruction is English and for effective communication between peers and teachers. The coaching comprises listening, speaking skill, reading, and writing skills, body language, and other non-verbal skills.

Tamil Language:

The students are also trained in the language Tamil which is spoken by the native people of Puducherry. As students have to interact with patients at the bedside and the level of community, this training is very important to understand the patients verbatim. This training is held at the Manakula Vinayagar Institute of Technology, SMVMCH Campus by their concerned department faculty.

Communication skill development:

Effective communication skill is very important in medical profession as it deals with interaction between peers, colleagues, patients, bystanders and society. All the undergraduate

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MEDICAL COLLEGE
KALDIHERTHI, PUPPAR,
KADAGADIPET, PUDUCHERRY-605 107.

MBBS students on their entry into college are exposed to communication skills as a part of their foundation course under the AETCOM of CBME curriculum which comprises what does it mean to be a doctor, what does it mean to be a patient, the doctor-patient relationship, and the foundations of communication. Students learn the intricacies of communication through role-plays, small group discussions, and group exercises. Such foundations of communication are held throughout their course in all Phases of MBBS in the form of working in healthcare team, how to communicate with family members of sick and dealing with death

3. Yoga and Wellness

A healthy mind and a healthy body go hand in hand. The practice of Yoga benefits both mind and body. Yoga helps one to build inner strength, overcome stress, helps in focus and better concentration, provide peace of mind and improve depression. Bodily, it improves flexibility, builds muscle strength, and helps one to attain perfect posture. Keeping the above advantages in mind, the students are trained in Yoga at the campus of SMVMCH by certified personnel. Education is incomplete without sports. As physical activity reduces the risk of diseases, promotes physical and mental growth, shapes the body and mind, helps one to maintain a healthy state of mind, and improves concentration, the students are encouraged to take part in several intra-college and inter-college sports competitions, and interstate tournaments. They practice and actively take part in both indoor and outdoor sports activities.

4. Analytical skill development

The programmes conducted to enhance the analytical development include skill modules that cover first aid, basic life support, universal precautions and waste management, chemical and fire safety, immunization, and documentation for first-year undergraduate students. Students are trained in data entry, data analysis, and teaching learning methods that nurture analytical skills. Activities such as student-generated MCQs to enhance team-based learning, analogy creations, debates and model preparation and demonstrations are given to them to strengthen their analytical skills.

The interns undergo training in skill-oriented mini-workshops.

5. Human value development:

Our institution follows the curriculum laid by NMC and Pondicherry University. The curriculum has been integrated with regular courses and activities relevant to Human Values and Professional Ethics, Environment and Sustainability, and Gender.

Our curriculum provides opportunities for teaching medical students on Professionalism and Medical Ethics starting from the first year during the foundation course, clinical postings, and field postings. As a part of AETCOM modules, students were sensitized on various modules like the foundations of bioethics, health care as a right, bioethics continued with case study on patient autonomy and decision making, case studies on patient autonomy and decision making, what does it mean to be a family member of a sick patient, dimensions of illness in patients, disability competencies, human rights of persons with disability, honesty and respect during interaction, core values which include compassion, altruism, integrity, trust, duty and responsibility and working in a health-care team. Demonstration of good doctor-patient interaction, communication skills, bed-side manners with patients is being done by faculty during clinical postings regularly. Students learn human values by discussions on case scenarios and role-plays Community-Based Medical Education program for medical undergraduates reinforces Professionalism and Medical Ethics during interaction with family and community members. It also includes sessions on Value Education for undergraduates conducted by the Department of Forensic Medicine and Community Medicine. The institution also runs a Student Support System for students in the formative years of their first year in medical school. This enables students to imbibe values and attitudes from their faculty mentors through role modeling. As a part of the Students Council activity, students' discussion forums meet regularly to discuss topics related to mental health, Professionalism, and Ethics moderated by faculty. In addition to this, we conduct a "Foundation course for undergraduates" during the student entry into the first year, second year, and internship in the medical school which incorporates Professionalism and Medical Ethics. It emphasizes on medical code of conduct, empathy, and ethical approach in clinical practice. The courses are delivered through interactive case-based discussions in small groups as per the recommendations given in the AETCOM module. The curriculum for postgraduate education has been incorporated with opportunities for learning Professionalism, Ethics during their routine work. The institution also integrates gender equality into the curriculum through equal involvement of female students in all academic activities without any discrimination. There is a good representation of female students in the Student's Council, various committees in SIMSCON, Sports and Cultural events. There is a well-functioning Anti- Sexual Harassment Committee to ensure the protection of female students.

The institution also runs student activities under National Service Scheme functional in our

institution which conducts periodic awareness campaigns. The institution organizes various programs of public health importance like prevention and control of communicable diseases like tuberculosis and AIDS, polio, and vector-borne diseases. Awareness programs on breastfeeding promotion, environment, and sustainability are also conducted regularly. The institution follows paperless communications to students and parents to save trees, values are imparted to students to save electricity within the college and hospital premises and safe disposal of wastes.

6. Personality and professional development:

Programmes conducted starting from first-year MBBS during the foundation course and it includes working in the health care team, roles and responsibilities of a doctor, qualities of a doctor, white coat ceremony, sympathy and empathy, fundamentals of doctor-patient relationship, self-directed and collaborative learning, significance of interpersonal relationship, reality and art of medical practice, group learning and group dynamics, value of integrity, honesty and respect with peers, seniors, health care workers and patients, mentorship programme, basic research methods workshops, writing MD thesis, and ICMR projects. STS projects in ICMR expose the undergraduates to the research field.

Orientation workshops on Basic Research Methods, Workshops on Writing MD/MS thesis, Data entry and Data analysis using SPSS software are conducted for the postgraduates to develop their professional skills.

Generally, Students discussion forums are conducted by our faculty and invited speakers which cover mental health, stress management and personality development, communication skill, medical students as change agents in the community, development of memory, dietary habits of today's society, the effect of exercise in a healthy lifestyle, how to handle sleep in-class hours and study time. But in the year 2020, due to COVID pandemic and restrictions, an online discussion was conducted on the topic "New ways to understand life in pandemic".

7. Employability skill development

Students are sensitized to the career pathways and opportunities for personal growth during the foundation course of first MBBS and during their internship. The students are made aware of the huge number of opportunities available for them starting from higher studies and other job opportunities in India and abroad. Students are given guidance about PLAB, USMLE, AMC, Indian Defence Ministry, jobs in Hospital Chains, Research Departments in

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pharmaceutical firms, Hospital Management, Health Administration, the job in NGOs, WHO, and UNO.

Seminars and workshops are conducted for the postgraduates on the topics of Women entrepreneurship skills, attitude and behaviour development by invited guest speakers.

Guest lecture on Orientation session on national education policy with focus on innovation and entrepreneurship was conducted for the undergraduates and postgraduates.

To instil the idea of innovations, the Research Committee and Institute Innovation Council of SMVMCH organized e-poster competition for the students “Explore the inventor inside you” and a thought provoking inspirational speech was given by faculty of our institution in a guest lecture on “My story as successful entrepreneur-idea generation”.

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DR. SRI MANAKULA VINAYAGAR
MEDICAL COLLEGE AND HOSPITAL
KALITHEERTHUR KUPPAM,
MADAGADIPET, PUDUCHERRY-605 107.