



DECCAN COLLEGE OF MEDICAL SCIENCES

(Affiliated to KNRUHS, Warangal Recognised by: National Medical Commission, New Delhi)
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Creativity, Analytical Skills and Innovation

Faculties at Deccan College of Medical Sciences (DCMS) are trained during the basic medical education technology workshops followed by micro-teaching sessions through Faculty Development Programs (FDPs) organized by the Medical Education Unit (MEU) to make their teaching more interactive, in order to enhance motivation and self-directed learning among the students. It helps to nurture creativity, analytical skills & innovation among students as described below.

A. Creativity: Following methods are used to enhance the creativity of students

Role-plays:

The institution leverages role-plays to underscore the significance of doctor-patient relationships and effective communication skills. Through immersive scenarios, students grasp the intricacies of these essential skills, enhancing their ability to empathize, connect and communicate proficiently.

Case-based / Problem-based learning:

Clinical cases, meticulously curated by faculty teams, imbue students with practical knowledge. The cases are carefully designed to align with clinical aspects and differential diagnoses. This approach ensures that students actively apply theoretical concepts in real-world scenarios, nurturing both critical thinking and creativity.

Competitions:

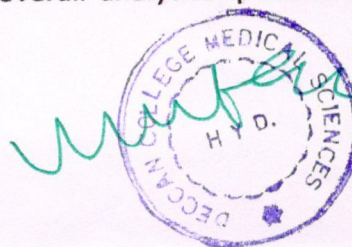
Competitions are organized by various Departments. This involves poster presentation, creating handouts, flyers, model or chart making competitions. The topic for these competitions is selected by the faculty members and distributed among the groups of students, the students are able to demonstrate innovative skills through these competitions.

Group Activity / Project:

The students are encouraged to work together on projects that require them to apply theoretical knowledge to practical situations. These group endeavors foster teamwork, communication skills, enhance their analytical and problem-solving skills, learn to appreciate diverse perspectives and the ability to collectively tackle complex medical challenges, preparing them for the collaborative nature of the healthcare profession.

Book Club:

Students, along with faculty members, participate in regular discussions on medical literature, research papers and healthcare-related books. This initiative cultivates a culture of continuous learning and critical thinking, encouraging students to delve deeper into the nuances of their field. The Book Club provides a platform for students to share insights, discuss different approaches to medical issues, and stay updated on the latest advancements in healthcare, contributing to their overall analytical prowess and intellectual development.





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B. Analytical Skills: Following methods were used to enhance the analytical skills of students

Research Methodology Workshops:

DCMS facilitates comprehensive workshops on research methodology, equipping students and faculty with the tools to undertake meaningful research endeavors. From selecting research topics to study design, data analysis and report writing, these workshops empower participants to engage in rigorous and methodical inquiry.

Quiz contests, Seminars, Debate, and Extempore competitions:

These are organized by various departments. These interactions foster healthy intellectual competition and encourage students to delve deeper into their subject matter, enhancing their analytical thinking abilities.

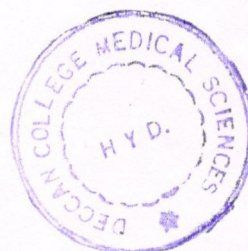
Innovation skills:

The institution hosts hands-on workshops with simulators and mannequins to facilitate clinical skills training, including critical procedures like cardiopulmonary resuscitation. These practical sessions allow students to refine their skills in a controlled environment, enabling them to approach real-life situations with innovation and confidence.

Workshops:

DCMS regularly organizes Workshops (Intellectual Property Rights, BCBMR, Scientific writing, PubMed, etc.) by in-house as well as guest speakers, to promote and enhance the skills of students in research and innovations.

Deccan College of Medical Sciences is dedicated to nurturing creativity, analytical skills and innovation among its students. By intertwining immersive role-plays, case-based learning, research methodology workshops, interactive competitions and hands-on training, the institution cultivates well-rounded medical professionals who not only excel in their academic pursuits but also possess the ability to think critically, communicate effectively and innovate in the ever-evolving medical landscape. Through its holistic teaching-learning process, DCMS empowers its students to become leaders in the medical field, making lasting contributions to healthcare and beyond.



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Principal
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