



## **Dr. Muhammad Rizwan**

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HEC Approved Supervisor

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<https://scholar.google.com/citations?user=-U0oQNcAAAAJ&hl=en>

Dr. M. Rizwan is a leading expert in Materials Engineering with over a decade of experience in higher education and research. He earned his PhD from the University of Malaya, Malaysia, where he specialized in advanced materials for healthcare applications, particularly in the design and development of biomedical implants and surgical tools.

His research centers on the innovation of next-generation biomedical materials aimed at addressing diverse healthcare challenges. With a strong publication record, Dr. Rizwan has authored over thirty peer-reviewed journal articles, book chapters, and conference papers in collaboration with global institutions. His work has attracted multiple national and international research grants, reflecting the impact and relevance of his contributions to biomedical materials science.

Currently, Dr. Rizwan is supervising five PhD candidates and two MS students. His mentorship emphasizes indigenous research and development, focusing on affordable and effective healthcare solutions for underserved populations. His ongoing projects are aligned with this vision, aiming for the local development of advanced biomedical implants.

Dr. Rizwan actively promotes interdisciplinary collaboration to ensure that his research remains both innovative and applicable. His holistic and pragmatic approach to materials research continues to influence the field, positioning him as a key contributor to advancements in healthcare materials and implant technology.

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