

M.Sc. In Aesthetic & Restorative Dentistry with Manchester University

The MSc admissions for Autumn 2011 have been started. The program classes will start from the first week of September. The program consists of a total of 8 modules which includes four contact sessions of a week each. Two contact sessions will be in India and two in the UK. The Indian contact sessions will be in Maulana Azad Institute of Dental Sciences, New Delhi and also probably in Mumbai. These contact sessions will consist of a multitude of hands on practical training. Other than the contact sessions, there will be one/two webinars every week along with self evaluation online tests as well as an online examination after each unit.

The total fees for this program is Rs 14,00,000/- which has been specially reduced for BITEIN by two slabs of 1000 pounds each which is equivalent to Rs 1,40,000/-. This has been made possible by a special arrangement of a scholarship. An overriding discount of Rs 10,000/- is offered by BITEIN to bring it down to Rs 12,50,000/-.

The above is applicable for admissions done prior to 7th of May, 2011. Admissions after 7th of May will cost Rs 12,50,000/- plus Rs 70,000/-. The cut of date for all admissions is 7th of August, 2011. We have managed to get a special extension till the 17th of June for the second discount.

For the admission process, you will have to appear for a telephonic interview after you have submitted your application forms. Once approved you have to pay a sum of Rs 70,000/- by bank transfer to confirm your admission. The balance can be paid in four equal installments over a 14 month period once the program starts.

Objectives of the M.Sc Program

Provide an innovative programme which enhances current knowledge and clinical skills in aesthetic restorative dentistry. Present sound academic theory and high quality practical training in aesthetic concepts by world class mentors.

Provide students with the confidence and ability to enhance their current clinic practice by incorporating the latest advances in technology and research ensuring aesthetic as well as biocompatible, functional and long lasting restorative care.

Deliver learning using the latest technology enabling students to access the course regardless of place or time zone whilst maintaining their dental practices.

The M.Sc. Program Structure

It is mainly divided into 7 units categorized as follows

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Unit 1 : Foundations of the 21st Century

Topics Covered : Anatomy, Basic disease processes, Current concepts in diagnosis, Foundational occlusion, Foundations of material science, Imaging and radiology.

Aims: This unit aims to provide the necessary foundation for 21st century practice and includes relevant clinically anatomy, disease aetiology and pathogenesis, current concepts in diagnosis including the use of new technology. It also covers a foundation course in occlusion, dental material science and the latest in radiology and imaging.

Unit 2 : Aesthetic Foundations

Topics Covered : Comprehensive Patient assessment, Record keeping, Patient communication, Clinical photography, Treatment presentation, Medico-legal aspects, Practice management, Anterior Aesthetic treatment planning, Colour and shade

Aims: This unit aims to provide a foundation for aesthetic considerations in restorative practice. It includes theoretical and practical modules to enhance practice management such as clinical photography,

communication techniques and treatment presentation. It also includes modules on the essential aesthetic principles of smile-design, facially driven treatment planning and colour and shade selection as well as a comprehensive course on occlusion.

Unit 3 : Anterior Aesthetics

Topics Covered : Anterior direct composite, Aesthetic recontouring, Bleaching, Simple orthodontics, Restoration of the endodontically treated tooth, Veneers, Sliced veneers/ $\frac{3}{4}$ crowns & Crowns.

Aims: This unit aims to provide the most current theoretical and clinical advances in anterior aesthetics as well as a comparative evaluation of the various techniques and modalities available including; bleaching, composites, simple orthodontics, veneers and crowns as well as aesthetic approaches for the restoration of endodontically treated teeth.

Unit 4 : Posterior Aesthetics

Topics Covered : Direct composite, Inlays/Onlays, Crowns and Bridges.

Aims: A thorough discussion of current techniques, materials and clinical advances in posterior aesthetics, which includes a comparative evaluation of the various techniques and modalities available including; composite restorations, inlays, onlays, crowns and bridges.

Unit 5 : Complex Treatment

Topics Covered: Treatment planning, Diagnostic aids, Interdisciplinary treatment, Occlusion, The laboratory, Provisionalisation, Removable appliances, Crown and bridge, Soft tissue management, Implants, Managing the complex case.

Aims: This unit covers treatment planning of the complex aesthetic case. It includes modules on tooth replacement including a range of fixed and removable options. It also covers the most current clinical techniques for soft tissue management and aims to provide an understanding of the role of being part of an interdisciplinary team to ensure comprehensive aesthetic restorative care to patients.

Unit 6 : Research Methodology

Topics Covered : Research Methods

Aims: The unit aims to develop the student's competence in the design of clinical research projects. Provide the student with an understanding of the data collection process in clinically related research projects. Enable the student to perform a simple analysis and interpretation of data collected by a clinical research project. Upon completion of this unit the candidate will have a basic understanding of research methods and will be able to conduct or lead a basic clinically related research project

Unit 7 : Library Dissertation

The dissertation component of the programme will require students to design a research protocol of a relevant aspect of restorative dentistry. This will provide an opportunity to develop competence in designing, evaluating, critically reflecting and completing a substantial and systematic enquiry into a specific area of clinical interest. The required length would be approximately 7,500 words.