In this talk we share the experience of teaching operations research/Management science by using cases. The utility of operations research is enhanced when it is used in the context of a real-life application. Case method of teaching enabled the participants to approach a given situation from multiple stakeholder’s point of view and in a holistic way. The central theme of case-based teaching is it gravitation towards practice. When operations research is taught by using cases, we have a natural advantage of discussion of a context from a practice point of view. However, there are number of opportunities and challenges in this approach. The advantages are the approach provide an ideal setting to model an unstructured situation, with incomplete data/information with multiple often conflicting objectives with a strong bias toward practice and implementation. The impact of the proposed model can also be quantified. The challenges are in depth understanding of the concepts of operation research, the ability to draw boundaries to core issues related to modelling, ability to balance the availability of data and the needs of a comprehensive modelling, and the choice of tools and the level of sophistication needed and creative thinking to model a situation. Drawing from several years of experience in teaching such courses to MBA students we share some of our unique experiences and insights. Based on these we provide some suggestions for younger faculty and mangers as hoe the learning and teaching can be made effective.