

## Book on Electromagnetics and Electrical Machines by Faculty of AMU and Mangalayatan University Released in USA, UK

- Renowned Publisher CRC Press, Taylor & Francis Group, USA Published Book with Practical Concepts



Dr. Y.P. Singh offering first copy of 'Electromagnetics For Electrical Machines' to Brig. (Dr.) Surjit Pabla, Vice-Chancellor, Mangalayatan University.

Aligarh, 18 March 2015

One of the largest publishers in the USA-CRC Press, Taylor & Francis Group has published a book titled 'Electromagnetics For Electrical Machines' jointly authored by two senior faculty members from Mangalayatan University and one from Aligarh Muslim University. The book recently released in USA and UK for engineering students, is gaining popularity as it offers a comprehensive treatment of the linear theory of electromagnetics and its application to the design of electrical machines.

Prof. S.K. Mukerji (Former Senior Professor, Mangalayatan University), Prof. A.S. Khan (Former Chairman, Electronics Engineering Dept., AMU) and Dr. Y.P. Singh (Assistant Professor, Mangalayatan University) have written this insightful book to easily describe electromagnetic field theory and its correlation with electrical machines for post graduate students and research scholars of electrical engineering.

The authors used their enormous experience during their classroom teaching and conceptualized to author this book which emphasizes concepts rather than numerical methods. It provides presentation/project problems at the end of each chapter to enhance practical knowledge of students.

Taylor & Francis Group publishes more than 2,100 journals and over 4,000 new books each year, with a books backlist in excess of 60,000 specialist titles.

According to Dr. Singh, the book addresses the skin effects in circular conductors and eddy currents in solid and laminated iron cores, contains examples relating to the slot leakage inductance of rotating electrical machines, transformer leakage inductance, and theory of hysteresis in machines and presents analyses of EMFs in laminated-rotor induction

machines; and three-dimensional field analyses for three-phase solid rotor induction machines.

Brig. (Dr.) Surjit Pabla, Vice-Chancellor, Mangalayatan University and Col. (Dr.) Nagraj Mantha congratulated the authors.

