

The Industry Applications Society (IAS) Calcutta Chapter has organized a short term course on 'Power Electronics' JOINTLY with the Department of Electrical Engineering, Bengal Engineering & Science University (B.E.S.U), Shibpur, Howrah in between May-July 2009. The course included lecture sessions and sessions on 'hands on laboratory experiments'. The lecture sessions were mostly by the teaching faculties of B.E.S.U and also by some invited professors of eminent engineering institutes viz. IIT Bombay, IIT Kharagpur and Jadavpur University (JU), Kolkata. Below are the major particulars about individual lecture sessions:

<u>Speakers & Affiliation</u>	<u>Date</u>	<u>Topic</u>	<u>Venue</u>	<u>No. of Attendees</u>	<u>Brief Report</u>
Dr. Ajit K. Chattopadhyay (B.E.S.U)	16.7.09	<u>Keynote Address:</u> Power Electronics Technology and Applications — An Overview	S E M I N A R	36 (5 IEEE members)	All these lectures were part of the "Short Term Course on Power Electronics", organized by the Dept. of Electrical Engineering, Bengal Engineering and Science University, (BESU) Howrah jointly with the IEEE Industry Applications Calcutta Chapter . Professionals from industrial consultancy companies, induction heating industries, teachers of different engineering institutes and students attended the short term course. The attendance against each column brings out the respective details. The course not only offered theoretical lectures but also hands on practical training on several power electronic applications. The feedback obtained from the participants seem extremely encouraging.
Dr. Sujit K. Biswas (J.U)	18.7.09	Selection and Design of Passive Components for Power Electronics	H A L L, D E P T. O F E E	32 (5 IEEE members)	
Dr. M. B. Patil (IIT Bombay)	20.7.09	1) Techniques for Circuit Simulation 2) Circuit Simulation: Transient Analysis	B. E. S. U	28 (3 IEEE members) 29 (3 IEEE members)	
Dr. Sabyasachi SenGupta (W.B.U.T)	22.7.09	Energy transport – some observations	S H I B P U R	30 (6 IEEE members)	
Dr. Mainak Sengupta (B.E.S.U)	16.7.09	Power Electronics pushing ahead the frontiers of electrical energy usage		32 (3 IEEE members)	
	18.7.09	Power Electronics – Brief discussions on a few elementary topics		32 (5 IEEE members)	
Dr. Prasad Syam (B.E.S.U)	18.7.09	Matrix Converter		28 (4 IEEE members)	
Ms. Debjani Ganguly (B.E.S.U)	16.7.09	Power Semiconductor Devices		38 (5 IEEE members)	
	21.7.09	DC Motor Drives		35 (5 IEEE members)	
Dr. Kaushik Mukherjee (B.E.S.U)	16.7.09	Issues related to Control Circuit Design & Implementation in Power Electronic Converters		26 (4 IEEE members)	
	21.7.09	A decoupled linear control technique for controlling the performance of a Distribution STATCOM		27 (4 IEEE members)	