The 32\textsuperscript{nd} Faculty Development Program of IEEE Madras Section was organized by the Department of Electronics and Communication Engineering, Knowledge Institute of Technology, Salem during October 21-22, 2016. The FDP was on “Medical Informatics Extraction using Soft Computing Techniques”. Mr. M. Bharainidharan, Assistant Professor, ECE Department gave the welcome speech. Dr. N. Santhiyakumari, IEEE-SB Counselor, KIOT spoke on the importance of medical informatics and the role of soft computing techniques. Dr. P. S. S. Srinivasan-Principal, KIOT presided and Dr. K. Visagavel, Vice Principal, KIOT felicitated. Dr. N. Santhiyakumari, Prof & Head, ECE, KIOT delivered on “Artificial neural networks for abnormality detection in scan image”. Mr. P. Shanmuga Sundaram, Assistant Professor, ECE, KIOT spoke on “Watermarking in medical images using soft computing techniques”. The hands-on training on “Imaging software-Aphelion Dev” was handled by Ms. R. Hemalatha, Assistant Professor, ECE, KIOT. Dr. M. Thangavel, Professor, ECE, KIOT explained about “Segmentation of medical Image using multiscale transforms”. Mrs. C. Gomathi, Assistant Professor, ECE, KIOT, explained about “Fuzzy theory for medical Informatics Extraction”. Mr. V. Saravanan, Associate Professor, ECE, KIOT gave the lecture on “Noise cancellation in ID signals”. Mrs. M. Shenbagapriya, Assistant Professor, ECE, KIOT gave training on “Implementation of images in SPARTAN-6 FPGA with IT-OMAP3530 Processor”. The FDP was attended by 25 participants from various institutions.