

A Two Day National Level Symposium
on

ENGINEERING RESEARCH IN
DEFENCE INDUSTRY

(ERDI-2014)

17th - 18th – December 2014.

(Last Date: 13th Dec, 2014)

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Sponsored by DRDO



Organized by

Research and Development Cell
&
Department of
Electrical & Electronics Engineering
J.B. Institute of Engineering and
Technology (UGC-Autonomous)

(Approved by AICTE, Accredited by NBA &
NAAC and Permanently Affiliated to
JNTUH)

Yenkally (V),Moinabad(M), Hyderabad-
500075

Telangana, INDIA

Website: <http://www.jbiet.edu.in>.

PROFILE OF THE INSTITUTE

Established in the year 1998 by Sri J.Bhaskar Rao with the lofty aim of providing quality professional education and meeting the rising expectations of student community in Telangana , J.B. Educational Society has been striding towards achieving the objective of excellence in the fields of Engineering, Medicine, Management, Hotel Management and Information Technology. After the inception of the society, the first establishment that emerged under the sponsorship of JBES was J.B. Institute of Hotel Management & Catering Technology, in 1994, on Road No.1, Banjara Hills, Hyderabad and offered three-year degree program in BHMCT. JBES, with an allocation of 27.5 acres of land on the main road, had established an Engineering College at Yenkapally village, Vikarabad main road, Moinabad Mandal, Hyderabad-75, with the approval of All India Council for Technical Education and the government of Telangana. The college started functioning from the academic year 1998-99 in the name of J.B. Institute of Engineering & Technology, affiliated to Jawaharlal Nehru Technological University, Hyderabad, with four branches and a total intake of 240 students. The present intake of the college is more than 1700 students.

ABOUT THE EEE DEPARTMENT

The Department of Electrical and Electronics Engineering at J.B Institute of Engineering and technology was established in the academic year 1998-99 with an intake of 60 Students and the first 7 batches of EEE Students have awarded the degree successfully.

From the academic year 2007-2008 the intake of B.Tech was increased from 60 to 120. The Department is fully established with excellent laboratories and competent staff. The departmental library has 250 volumes of national & International Journals. The M.Tech programs in electrical power system was introduced in the academic year 2004-05 and Energy Systems was introduced in the academic year 2013 with an intake of 18 students.

R & D CELL AT A GLANCE

R & D cell at JBIET was established to promote research and development and to guide Ph.D scholars from JB Group. The cell publishes journals once in a quarterly called "JBIET RESEARCH REVIEW" in which research activities of all departments, information on current topics of interest and R & D published. three volumes of journal. Students are also encouraged to become members. There is a student section in the journal in which the innovative ideas of students are published regularly. R&D is also interacting with other departments of research in India and abroad. A special issue of faculty papers of JBIET for assisting members of UGC inspection was released.

WHO CAN ATTEND?

Enthusiastic UG & PG of all Engineering Students, Researchers, Academicians from the institutions recognized and approved by AICTE and UGC, Entrepreneurs and organizations are welcome.

For Further Details Contact

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Professor & Dean R&D
Organizing Chairman ERDI- 2014
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OBJECTIVE OF THE PROGRAM

JBIET has been awarded autonomous status by UGC and many faculty members wish to submit research proposal for project from ISRO and DRDO which deal with Aerospace systems and Technologies. In the absence of Aerospace Engineering department in JBIET.R&D cell in collaboration with Electrical and Electronics Engineering Department wishes to organize this FDP program with the help of Resource persons, most of them are retired Scientists from ISRO and DRDO with rich practical experience in this topic of current interest to JBIET. Topics mainly to be covered are launch vehicle and missile Aerodynamics, control, control structure interaction, navigation guidance system, simulation and onboard computer and embedded system. It is intended to cover basic principles and design aspects of these systems to enable faculty to submit relevant research proposal to ISRO and DRDO Experts will also present a case study of a missile for understanding the subject from practical view point.

RESOURCE PERSONS.DRDL

1. A.K. Chakrabarthy, Retd,Sc'H', Dir.
2. Dr.S.Vathsal, Retd.Sc'G', Director.
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- 9.Dr. Atul Sen Sc"G" KMC, DRDL
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- 10.Dr.V.AdimuthySeniot Advisor. ISRO
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