

Deptt. of Applied Electronics & Instrumentation Engg
Gandhi Institute of Engineering & Technology
Gunupur -765022 Dist. -Rayagada, Odisha
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is sponsored to attend 2nd National Conference
on "Recent Advances in Control and Instrument
ation" to be held on 26th & 27th, February
2011.

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2nd NATIONAL CONFERENCE

ON

RECENT ADVANCES IN

CONTROL

AND

INSTRUMENTATION

(RACICON-2011)

Date: 26th & 27th February 2011



Organised by

Department of Applied Electronics & Instrumentation Engg
Gandhi Institute of Engineering & Technology
Gunupur -765022 Dist.- Rayagada, Odisha

www.giet.edu

About the Institute

Gandhi Institute of Engineering and Technology, Gunupur was established in the year 1997, with an intake of 200 students in four branches with a motto of providing quality engineering education in a highly disciplined environment. In less than a decade it become a citadel of engineering education in Eastern India having 1014 intake with 11 B. Tech. branches and 8 M. Tech. courses. In the journey, it has been ISO 9001:2000 certified and accredited for 5 branches by NBA committee of AICTE and NAAC certified by UGC with "A" grade. It has been regarded as Modern Gurukul by the students, alumni, faculty and all distinguished visitors for its learning environment, faculty, infrastructure and the facilities. It has the approval for admission of Foreign Nationals and Persons of Indian Origin (PIO's) also.

All the programs of engineering are approved by AICTE & state Govt. of Odisha. It is affiliated to Biju Patnaik University of Technology. The institute has consistently excelled in academics, placements & extracurricular activities.



Courses Offered

Name of the Course	Intake	Capacity
B.TECH.	AE&IE	120
	ECE	120
	EEE	90
	EE	60
	CSE	120
	IT	60
	MECH.	120
	CIVIL	60
	META.	30
	CHEM.	60
	BIO-TECH.	30
M.TECH.	EIE	18
	ECE	18
	PE	18
	CSE	18
	IE	18
	CAD/CAM	18
	TE	18
	MD	18
MCA		60
MBA		120

About the Department

The department of AE&IE was established in the year 1997. It has an intake of 120 students. AE&IE department is accredited by National Board of Accreditation. The institute has been accredited by NAAC scoring 'A' grade in 2008. We are facilitated by PLC Lab, LAB View Software and VLSI Lab with advanced software's & systems under MODROBS by AICTE. We conduct in-house training classes on latest technologies like VLSI System Design, Modeling and Simulation, HDL Programming, PLC, DCS & SCADA and Micro Controller Design which help the students to get an immediate placement in industries. The department has also conducted a 2 weeks Staff Development Program on Machine Learning Methodologies and their Applications, sponsored by AICTE during 27th April – 11th May, 2010. The department is actively involved in inviting renowned visiting professors from NITTTR Kolkata, NITs and IITs, in order to develop the academic standards of faculty and students, at large.

The department of AE&IE is involved in R&D activities under the supervision of R&D Department.



About the Conference

The purpose of this Conference is to bring together researchers, engineers and practitioners interested in the applications of Instrumentation, Control, Automation and Robotics. This track will be covering advanced control strategies like Intelligent Control Systems, Biological Learning Control Systems, Network Controlled Systems and Robust-Optimal and Adaptive Controls. This conference intends to emphasize the connection of Instrumentation and Control engineering with above mentioned areas together with Computer Science. The benefits include getting ideas on how to solve R&D and industrial applications using these areas with advanced prototypes, system design, tools and techniques indicating future directions.



Theme

RACICON 2011 is organized to create opportunities for researchers, engineers, and academicians to exchange the latest information about recent advances in the instrumentation and control applications & concepts, experiences from existing deployment, and future evolution.

Conference Topics

Adaptive Control	Virtual Instrumentation
Identification and Estimation	Nonlinear Systems
Sensor Network	Ultrasonic
Neural Network Systems	Fuzzy Systems
Control of Biological Systems	Optimization
Embedded Control System	Man-Machine Interaction
Data Fusion	Fault Diagnosis
Signal Processing	Simulation and Control
CAD and CAM	MEMS
PLC and DCS	Industrial Instrumentation
Computer Control of Process	Sensors and Transducers
Robot Dynamic and Control	Mobile Sensor Networks
Space and Underwater Robots	Smart Sensor
Process Control and Automation	
Intelligent Systems and Control	
Digital Control and Microcontrollers	
Instrumentation System Design and Applications	
Digital Signal Processing for Instrumentation and Control Design	

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Paper Submission Guidelines

The paper with maximum of 6 pages, as per IEEE two column format in MS-Word should be mailed to: racicon2011@gmail.com

Important Dates

Last Date of Receiving Full Paper: 15th January 2011

Acceptance Notification: 25th January 2011

Fee Details

Industry / Non sponsored 500/-

Academic / Research Organization 300/-

Students / Research Scholars 200/-

The SBI DD should be drawn in favour of "GIET", payable at Gunupur.

Accommodation & Hospitality

The registration fees covers Boarding, Lodging & local transportation with conference kit.