

ABESIT



To,

Directors of various Engineering Colleges

Subject: Regarding invitation to students for specialized Industry Required Training Program under Centers of Excellence of this Institute.

Dear Sir,

I am pleased to share that ABES Institute of Technology, Ghaziabad has planned Training Programs for students pursuing engineering in different branches. It has been initiated by departments under various Centers of Excellence existing in the Institute under the patronage of Industry Expert with a purpose to train students beyond curriculum and make them Industry ready. Leaflets containing course details, duration and fees are enclosed herewith.

You are requested to kindly go through the leaflets and encourage students to avail this opportunity.

With warm regards,

A handwritten signature in black ink, appearing to be "M.K. Jha", written above the typed name.

Prof. (Dr.) M.K. Jha

Director

Mob. No.: 09711060919

Email ID : director@abesit.in

Students Training Programme
Winter break courses 2018-19

S.No.	Dept.	Centers Of Excellence	Name of Course	Coordinator	Batch Size	Duration	Fee	Start Date
1	ME	CoE Industrial Automation Pneumatic Systems: Festo	Industrial Automation using Festo Didactic Pneumatics, Electro- Pneumatics & PLC	Mr. Balbir Singh	16 (8 per batch)	20 hrs	Rs. 2000	14 Jan 2019 - 18 Jan 2019
2	ME	CoE Automation Technologies Hydraulic System: Bosch Rexroth Germany	Hydraulic Automation System (Rexroth-Bosch Group)	Mr. Sachin Rana	12 (6 in each batch)	20 hrs	Rs. 2000	14 Jan 2019 - 18 Jan 2019
3	CS	CoE IoT	IoT	Dr. Rizwan Khan/ Mrs. Sugandh Gupta	30	40 hrs	Rs. 1500	14 Jan 2019 - 18 Jan 2019
4	ECE	CoE Texas Instrument Analog & Embedded System	Basics of Analog & Embedded System	Mr. Aviral Malay/ Mr. Rachit Patel	30	30 hrs	Rs. 1200	14 Jan 2019 - 18 Jan 2019
5	ME	CoE Entuple Technologies for Ansys Mechanical	Finite Element Analysis Using Ansys	Mr. Amit Kr. Gupta	25	40 hrs	Rs. 1000	14 Jan 2019 - 18 Jan 2019



ABESIT
Redefining Education, Transforming Lives
College Code 290

Student Training Program under the patronage of Industry Expert
on



**“Industrial Automation - FESTO Didactic
Pneumatics, Electro-pneumatics & PLC”**

**This program is based on Hands on Training to make Students Industry Requirement Ready
(An early exposure of students to the corporate requirements to enhance their compatibility & employability)**

14th Jan 2019 to 18th Jan 2019

**Last date for registration
12th Jan, 2019**

Course Contents

- 1. SAC Control, DAC Control, Indirect/speed control of DAC and rapid extend circuit using quick exhaust valve. logic circuits using shuttle and two pressure valve, pressure dependent circuits, timer circuit and A+B+A-B- sequence circuits**
- 2. Electro-pneumatics including single solenoid circuit to control SAC and DAC, OR logic switching circuit, automatic return of DAC with magnetic reed switch, familiarization of inductive, capacitive, optical sensors with latching & interlocking circuits and A+B+A+B- sequence circuit**
- 3. FluidSim 5 Pneumatics software**
 - a. Developing pneumatic circuits
 - b. Developing electro-pneumatic circuits
- 4. Ladder Programming in PLC with TIA V14 software**



**An initiative of Department of Mechanical Engineering
ABESIT Ghaziabad under Center of Excellence of Festo**

Eligibility : B.Tech. 2nd, 3rd & 4th year (Any branch)
Batch 1 : Morning (09:00 AM to 01:00 PM)
Batch 2 : Evening (01:00 PM. to 05:00 PM)
Total seat : 16 (8 per batch)
Duration : 20 hrs
Course fee: Rs. 2000/*-

**Registration form can be downloaded from website www.abesit.in. Fill the registration form and mail to balbir.singh@abesit.in,
Contact No.: 9958694744 *Payment can be made online through PayTM link provided on website**

ABES Institute of Technology College Code 290

Approved by AICTE, Ministry of HRD, New Delhi & Affiliated to Dr. APJ Abdul Kalam Technical University (formerly Uttar Pradesh Technical University), Lucknow
19th km. Stone, NH-24, Vijay Nagar, Ghaziabad - 201009, (U.P.), India, **Phone:** 91-8448583370, 8448583371 **Fax:** +91-120-2845600
website: www.abesit.in, **email:** info@abesit.in



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Student Training Program under the patronage of Industry Expert
on

Rexroth
Bosch Group

**“Hydraulics Automation System
Bosch Rexroth Didactic”**

**This is an opportunity for engineering students to undergo training on Hydraulics Automation System
in Bosch Rexroth, Center of Excellence at ABESIT**

14th Jan 2019 to 18th Jan 2019

**Last date for registration
12th Jan, 2019**

Course Contents

- Elements of hydraulics system
- Components of hydraulic system
- Mechanical and Electronic Sensors
- Preparation of hydraulic and Electro-Hydraulic circuits and their execution

Eligibility

**Student of B.Tech. 2nd, 3rd
and 4th year of any
branch**



**An initiative of Department of Mechanical Engineering
ABESIT Ghaziabad under Center of Excellence of Bosch Rexroth**

Program details

Number of Seats: 12 (6 in each batch)

Duration: 20 Hours

Timings:

Batch 1 Morning

(09:00 AM to 01:00 PM)

Batch 2 Evening

(01:00 PM to 05:00 PM)

Course Fee: 2000/*-

**Registration form can be downloaded from website www.abetesit.in. Fill the registration form and mail to sachin.rana@abetesit.in,
Contact No.: 7503049162 *Payment can be made online through PayTM link provided on website**

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website: www.abetesit.in, email: info@abetesit.in



Contents designed to Empower Students to make them Industry Ready
A hands on exposure to hardware & software of IoT

Course Contents

- Basics of IoT
- IoT Architecture
- IoT for Smart City
- IoT Software Instillation
- Study of IoT Hardware kits
- Interaction with Industry Experts

14th Jan 2019 to 18th Jan 2019

Last date for registration
12th Jan, 2019



Program details

Eligibility : Student of B.Tech.
2nd, 3rd & 4th year
of any branch

Duration : 40 Hrs

Intake : 30

Course Fee : Rs. 1500/*-

An initiative of Department of Computer Science & Engineering
ABESIT Ghaziabad under Center of Excellence of IoT

Registration form can be downloaded from website www.abesit.in. Fill the registration form and mail to rizwan.khan@abesit.in,
Contact No.: 9891676180 *Payment can be made online through PayTM link provided on website

ABES Institute of Technology College Code 290



ABESIT
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College Code 290

Student Training Program under the patronage of Industry Expert
on



“Analog & Embedded Systems: Design & Application”

A hands on exposure on Analog & Embedded System Design to Implement and update current technology ideas

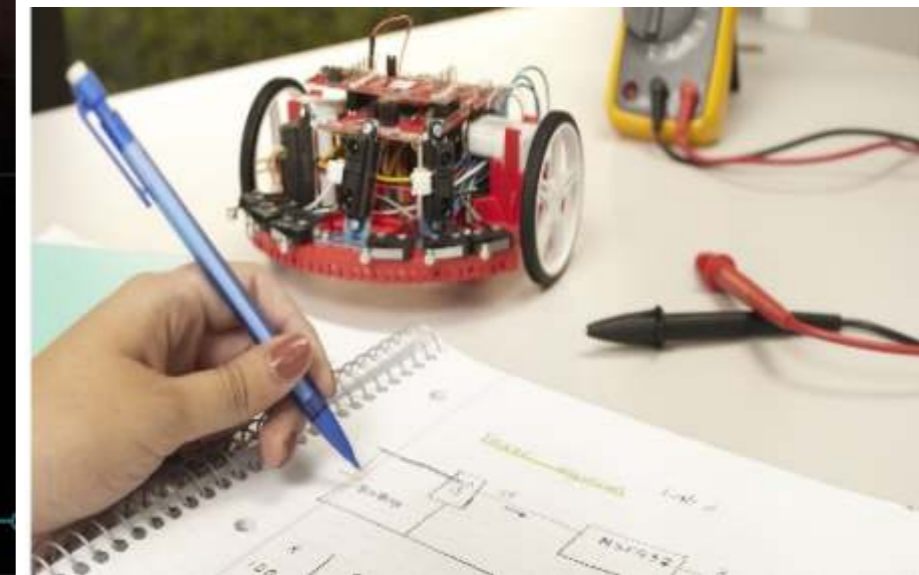
Course Outcomes

By the end of this training program students will be able to

- Handle electronics components required for real world prototyping
- Simulate circuit on TINA Software
- Implement circuits on TI ALSK Pro kit
- Know about different Micro controllers
- Write Embedded C programs and implement them on Micro controllers
- Make mini-projects based on analog components & TI Micro controllers

14th Jan 2019 to 18th Jan 2019

**Last date for registration
12th Jan, 2019**



Program details

Eligibility: **B.Tech. 2nd, 3rd & 4th year students of ECE/EEE/CSE/IT**

Total Seats: **30**

Duration: **30 hrs.**

Course Fee Rs: **1200/*-**

**An initiative of Department of Electronics & Communication Engineering
ABESIT Ghaziabad under Center of Excellence of Texas Instruments**

**Registration form can be downloaded from website www.abetesit.in. Fill the registration form and mail to rachit.patel@abetesit.in,
Contact No: 8506073647 *Payment can be made online through PayTM link provided on website**

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Student Training Program under the patronage of Industry Expert
on
“Finite Element Analysis Using ANSYS”



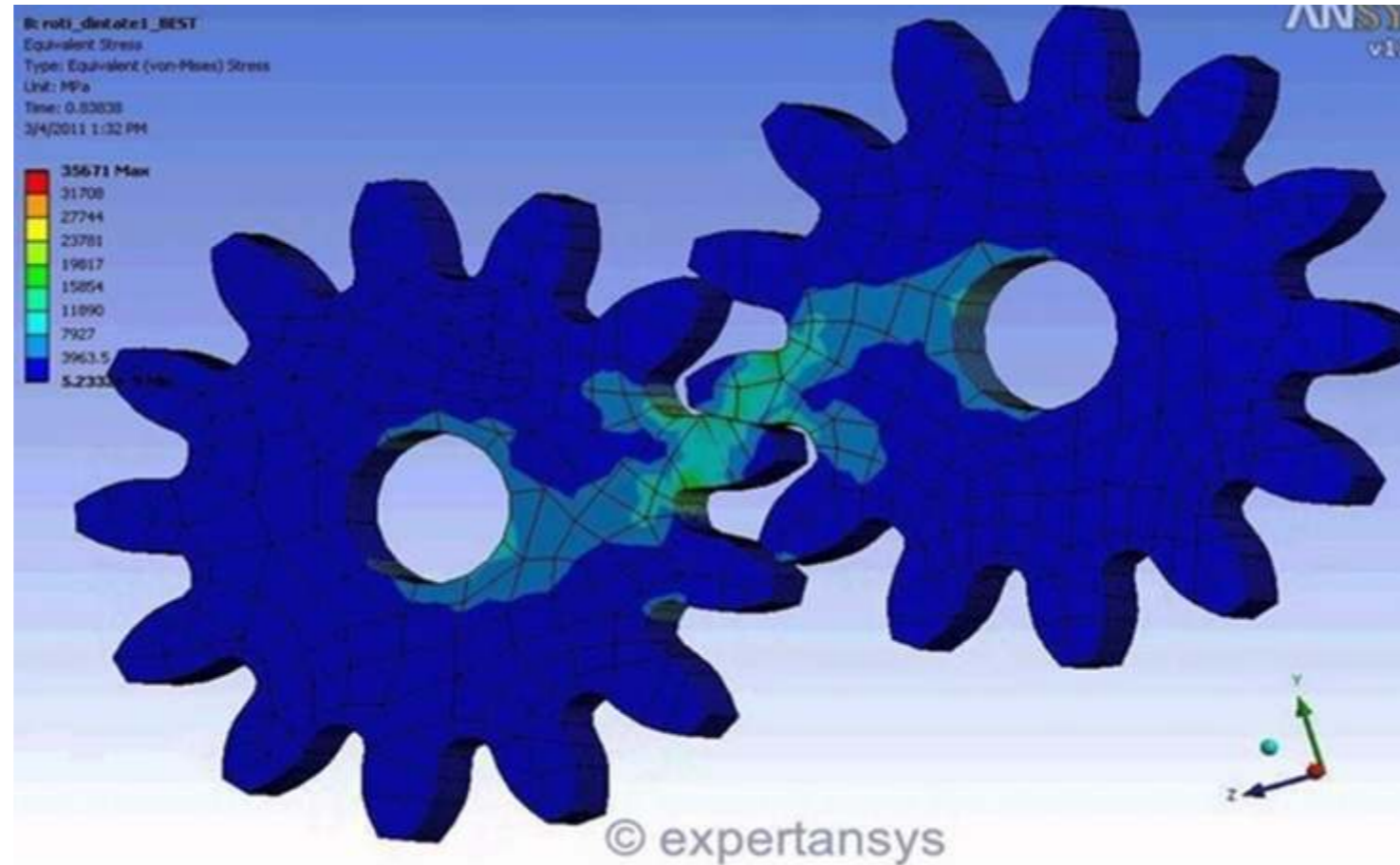
Empowering Students and making them Industry Ready and Job Fit

14th Jan 2019 to 18th Jan 2019

Course Outcomes

After the completion of this program you will be able to

- Explain the features of ANSYS workbench
- Create models and perform using design modeler
- Illustrate geometry modeling section formation, mesh creation, mesh control
- APDL
- Perform heat transfer & transient analysis



Last date for registration
12th Jan, 2019

Program details
Eligibility: B.Tech. 2nd, 3rd & 4th year students of Mechanical Engineering
Intake : 25 Seats
Duration : 40 Hrs (one week)
Fee : Rs. 1000/*-

An initiative of Department of Mechanical Engineering ABESIT Ghaziabad under Center of Excellence of ANSYS Mechanical

Registration form can be downloaded from website www.abesit.in. Fill the registration form and mail to amit.gupta@abesit.in, Contact No.: 8506957380 *Payment can be made online through PayTM link provided on website

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