

Institute of Engineers, India



**Sponsored
Two days workshop**

on

**“Advances in Robotics and
Automation in Indian Industries”**

28th & 29th April 2017

Organised by

**Department of Mechanical Engineering
E.G.S. Pillay Engineering College**

(Accredited by NAAC ‘A’ Grade)

(NBA accredited programmes MECH, EEE & CSE)

Affiliated to Anna University

ISO Certifies 9001: 2008 Institution,

Nagapattinam – 611 012.

www.egspec.org



Coordinators

**Dr. S.Ramabalan
Dr. S.Krishnamohan
Prof. G.Gurumoorthi**

Organising Secretary

Prof.D.Elayaraja

About the Institute

E. G. S. Pillay Engineering College is one of the pioneering non-grant engineering Colleges in the State. It was established by the G. S. Pillay Educational and Charitable Trust, Nagapattinam in the year 1995. The College is approved by A.I.C.T.E, New Delhi. The college is accredited by NAAC with “A” Grade and three departments namely Mechanical, EEE and CSE are accredited by NBA. The College has earned the reputation of being one of the most preferred colleges by the students and parents all these years and it is known for its excellent infrastructure and facilities for learning. A gate-way to success, the college has now set on long-range planning to enlarge and enrich its programs and activities to empower the youth who aspire to become successful Engineers, Scientists and Managers.

About the Department

The department of Mechanical Engineering was established in 1995. The department offers a under graduate B.E (Mechanical Engg.) and a Post Graduate M.E (Manufacturing Engg.) programmes. The department has highly qualified and experienced faculty. The department has well infrastructural facilities and has fully equipped laboratories with adequate hardware and software. The teaching faculties are active in conducting research and publishing the papers in reputed Journals and Conferences. The department has conducted nine International Conferences and two AICTE sponsored Faculty Development Programs. The department is one the approved research centre of Anna University, Chennai.

About the workshop

Advanced robotics refers to sensor-based robots that attempt to mimic human intelligence. They are used in a variety of fields ranging from manufacturing, nuclear power, construction, space and underwater exploration, health care and especially in engineering. It goes beyond the conventional robots already adopted by Indian industry. It can dramatically improve productivity and safety. Industrial robotics is a technology used to automate a variety of manufacturing processes in different industries such as Automotive, Food and Beverage, and Electronics. Industrial robots are programmed to automate and control manufacturing processes.

These robots help in the automation of processes such as welding, painting, assembly, product inspection, testing, and packaging. Indian industry has repeatedly demonstrated potential to develop world-class products. Adoption of the advanced manufacturing trends would provide necessary thrust to Indian manufacturing to compete and win in the global markets.

The workshop brings experts from different aspects of robotics to talk about the recent developments, methods and technologies and advances in industrial robotics in India.

Our workshop covers the following broad areas:

- Application of manipulators in Indian industries.
- Application of mobile robots in Indian industries.
- Application of mobile manipulator in Indian industries.

Who should attend

- Research scholars doing research in robotics
- Faculty members handling robotics course
- Robotic Aspirants (PG & UG Students)

Chief patrons

Mrs.S.Jothimani Ammal

Chairman

EGS Pillay Group of Institutions

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Associate Professor
Department of Mechanical Engineering
Pondicherry Engineering College

Internal Resource person

Dr. S. Ramabalan

Principal
E.G.S.Pillay Engineering College

Prof. D. Elayaraja

Associate Professor
Department of Mechanical Engineering
E.G.S.Pillay Engineering College

Important Dates

Last date for
Receiving application: 25 .04.2017
Intimation of selection: 26 .04.2017

Registration Fees

Research Scholars : Rs. 400/-
Students (PG) : Rs. 350/-
Students (UG) : Rs. 300/-
For IEI Memebers: 300/-
For spot registration a prior confirmation is required over phone.
Registration fee includes: Lunch and refreshments.

The mode of payment should be done either by DD in favour of “**The Principal, E.G.S.Pillay Engineering College**” payable at Nagapattinam.

or

Deposit registration fee in the following account through net banking.

Account No. :0486301000031631

IFSC Code : LAVB0000486

Shift Code : LAVBINBB

Branch Code : 0486

Branch Name : Nagapattinam

MICR Code : 611056002

Mailing Address

Prof.D.Elayaraja

Organising Secretary

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Indian Industries
Department of Mechanical Engineering,
EGS Pillay Engineering College,
Nagapattinam - 611002.

Email: air2017@egspec.org

Phone: 7639808796, 7373067028

Workshop on

“Advances in Robotics and Automation in Indian Industries”

28th & 29th April 2017

Name:

Age & DOB:

Designation:

Educational Qualification:

Teaching Experience:

Institution:

Address for communication:

E-mail ID:

Mobile Number:

Accommodation required: Yes / No

Signature of the Applicant

Declaration

The information provided by me is true to the best of my knowledge. I agree to abide by the rules and regulations governing the workshop. If selected, I shall attend the training programme for the entire duration. I also undertake the responsibility to inform the coordinator in advance in case of inability to attend the programme.

Date:

Place:

Signature of the Applicant

Sponsorship

Mr. /Ms. /Dr.

_____ is an employee of our college/institution and is hereby sponsored for the above FDP. He/She will be permitted to attend the programme, if selected.

Date:

Place:

Signature & Seal of the Sponsoring Authority