



KINGS
COLLEGE OF ENGINEERING
(NAAC Accredited Institution)
(Approved by AICTE, New Delhi, Affiliated to
Anna University, Chennai)



**TWO DAYS
FACULTY DEVELOPMENT
PROGRAMME
on
“ROBOTICS AND AUTOMATION”**



22nd & 23rd February 2019

Organized by
Department of CSE

**Kings College of Engineering
Punalkulam, Thanjavur**

Contact: hodcse@kingsindia.net

ABOUT THE COLLEGE

Kings College of Engineering is an institution which was formed with the aim of providing quality education to the poor and under-privileged students. KCE is approved by All India Council of Technical Education, New Delhi (AICTE) and is affiliated to Anna University. The institution was established in the year 2001 on a sprawling campus of around 60 acres on the Thanjavur – Pudukkottai Highway and run by Raj Educational Trust. The institution offers five UG and four PG programmes. KCE is ISO 9001:2008 and NAAC certified institution.

ABOUT THE DEPARTMENT

The Department of Computer Science and Engineering since its inception in the year 2001 offers programme keeping in pace in technological advancements. Department offers Post Graduate course M.E – MPC and M.E – CSE . Importance to practical training which lay great stress on "hands on" experience besides a sound theoretical background is practiced. Short term courses and technical lectures by eminent professors and professionals are arranged on a regular basis to broaden the knowledge spectrum of students. The state-of-the-art computer centre has over 300 computers with 100 Mbps internet connectivity. The department has highly qualified and experienced faculty to offer both class room teaching and practical instructions

SCOPE

The progress in robotics and vision applications is massive and wide spread from industrial automation to defense applications. These fields contribute significantly on future intelligent systems in industry and society. Since next generation industries need engineers with an interdisciplinary attitude and experience to meet the future demands, this FDP is aimed to explore the potential areas and the significance in the fields of robotics and automation.

COURSE CONTENT

The major areas addressed in this FDP are Robot modeling & control and vision assistance in robotic applications. The topics in this programme are covered with the blend of theory and practice sessions which includes

- Introduction to robotics & automation
- Vision , Control techniques
- Advances in Robotics
- Research Areas

COURSE OUTCOMES

The course will provide a forum for faculty members to get exposed to the state of the art of research and development in the field of Robotics and Automation. The course will also help to identify future research needs in the interdisciplinary emerging field.

RESOURCE PERSON

Eminent faculty from academia and industry/ organizations will be handling the sessions.

Dr. V. Sankaranarayanan

Associate Professor
NIT,Trichy

WHO CAN ATTEND

Programme is open to Faculty Members from Engineering Colleges/ Arts & Science Colleges/ Polytechnic Colleges of any domain and Professionals from industries

REGISTRATION

Interested candidates can apply online through the following link:

<https://goo.gl/forms/ff4C2Xk6Cw1MzSgy2>

REGISTRATION FEE

Faculty	: Rs 400
Research Scholar & Industry Persons	: Rs 600

IMPORTANT DATES

Last date of Registration	: 18.2.19
Notification of acceptance	: 20.2.19

ORGANIZING COMMITTEE**Chief Patrons**

Dr.R.Rajendran
Secretary

Mr.T.R.S.Muthukumaar
C.E.O

Patron

Dr. J.Arputha Vijayaselvi
Principal

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Convener

Dr.S.M.Uma
HOD/CSE

Co-ordinator(s)

Ms.R.Sugantha Lakshmi
AP/CSE
Ms.G.Chandra Praba
AP/CSE

For further information, please contact

Ms.R.Sugantha Lakshmi	Ms.G.Chandra Praba
AP / CSE	AP / CSE
Ph: 9894688906	Ph: 9176184722

REGISTRATION FORM

Name :
(in Capital letters)

Institution / Organization Name :

Designation :

Department :

Address for Communication :

Email id :

Mobile No :

Date :

Signature of the candidate

CERTIFICATE

This is to certify that is a faculty of our institute and is permitted to attend the Two Day FDP on "Robotics and Automation"

Signature of Head of the Institution
(With office seal)