

ATAL Academy

AICTE Training and Learning Academy is established with vision to empower faculty to achieve goals of Higher Education such as access, equity and quality. ATAL is committed for development of quality technical education in the country by initiating various schemes launched by Govt. of India, Ministry of HR Development. Council understands that there is a need of the day to train the young generation in skill sectors and having faculty & technicians to be trained in their respective disciplines.

Eligibility

Faculty, Research Scholars & PG Scholars from AICTE approved Technical Institutions and Industry Personnel can apply.

Certification

Participants satisfying the following criteria will be given a certificate endorsed by ATAL Academy.

- Having at least 80% of attendance in the FDP
- Securing a minimum of 60% marks score in the test conducted at the end of the FDP
- Giving on-line feedback on the last day of the feedback

Important Dates

Registration Deadline - 1st December 2020
Intimation of Selection - 3rd December 2020
Acknowledgment - 5th December 2020

Instructions

- Number of participants is limited to 300 and there is no registration fee
- Participants will be selected on first-come, first-serve basis
- Delivery Platform : Microsoft Teams
- Selected Candidates will be intimated by email
- Certificates will be provided to candidates satisfying the criteria under Certification
- Participants interested in attending must necessarily register in the link below

<https://atalacademy.aicte-india.org/login>

Contact Information

Dr . S. Sankar

Phone: +91 9962590631

E-mail: sankar@kcgcollege.com

Dr. R. Dhanalakshmi

Phone: +91 9486518523



KCG

COLLEGE OF TECHNOLOGY
(A Unit of Hindustan Group of Institutions)



*A Five-Day Faculty Development
Programme on*

Robotics

Sponsored by

AICTE Training and Learning (ATAL) Academy

08.12.2020 - 12.12.2020



Organised by

Department of Computer Science and Engineering

About KCG College of Technology

KCG College of Technology (A Unit of Hindustan Group of Institutions) was established in the year 1998 to fulfill the vision of late Founder Chairman Dr. KCG Verghese, "To Make Every Man a Success and No Man a Failure". KCG College of Technology is affiliated to Anna University and approved by AICTE. KCG College of Technology has been accredited by NAAC with A+ Grade and is an ISO 9001:2015 certified institution. Four UG Programmes have been accredited by NBA for three years. The college is providing excellent infrastructure and progressive outlook in order to achieve high academic standards and performance. The college has established Centers of Excellence in Engineering to facilitate active involvements in Research and Development. The campus is beautifully landscaped in a lush green stretch of land spread over 50 acres at Karapakkam, about 10KM from Adyar on the Old Mahabalipuram Road, the IT corridor of Chennai.

About the Department

The Department of Computer Science and Engineering is ranked one among the top 21 institutes by AICTE-CII and is recognized under PLATINUM CATEGORY. It is accredited by NBA in the revised norms since June 2017. It has a permanent affiliation to Anna University and is recognized as a research center with funded projects from DST, TNSCST etc. Our students have participated in world's largest Hackathon organized by MHRD & AICTE and won the FIRST prize twice worth Rs. 1L in the year 2017 & 2019 and are also winners of Smart City Challenge for three consecutive years 2017, 2018 and 2019 conducted by IET-UK. It has Centers of Excellence by Virtusa in Java Full Stack Development, DELL-EMC in Data Science - Big Data Analytics and Hexaware in Cloud Computing respectively. The department has established CISCO Local Academy offering courses in CCNA and Cyber Security. It also has partnerships with Infosys, NOKIA, GAVS and Servion to offer courses respectively in Python, IoT, AI & Data Science and RPA.

About the Programme

Robotics in Process Automation is a new age IT solution which is used to automate business processes which typically require human intervention. It is about creation of a software "robot" to capture and interpret existing applications for processing a transaction, manipulating data, triggering responses and communicating with other digital systems. The robot is designed to mimic human actions within digital systems to optimize business processes. It is a great way to infuse AI capabilities into business processes. It is an emerging technology and has an assured place in future business processes. The impact of RPA is wider across all industries are felt. This FDP paves a path to understand the applications of RPA and creation of software robot using RPA tool to automate some processes in a real-time scenario.

Objectives of the Program

- To impart knowledge to academicians and research scholars on emerging technology of Robotic Process Automation
- To explain the use of Rules and Workflows in automation
- To demonstrate how software robots are created to eliminate manual tasks
- To explore and utilize robotic process automation tool
- To automate few software applications and implement them in real time

Course Content

- Rpa Introduction
- Rpa in Various Industry
- Intelligent Automation
- Test Automation
- Extract and Organize Information
- Rules and Workflow Automation
- Data Capture from an Application
- Decision Making / Sales Analytics
- Automate Repetitive Tasks
- Data Analysis and Visualization
- Data Gathering from Internet
- Extracting Data From Pdfa Scanned Documents
- Periodic Report Preparation
- Generating Mass Emails
- Intelligent Chat Bot Creation

Organizing Committee

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Dr. (Mrs) Elizabeth Verghese

Chairperson, Hindustan Group of Institutions, Chennai

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Dr. Anand Jacob Verghese.

Director & CEO, Hindustan Group of Institutions, Chennai.

Dr. Annie Jacob

Director, KCG College of Technology, Chennai.

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Technology Advisor, GAVS Technologies, Chennai

Mr. Supriyo Dutta

Delivery Leader, NSEIT Ltd, Mumbai

Dr. P Arun Raj Kumar, NIT Calicut

Mr. Shubham Sharaff, Founder AI Startup, Mumbai

Coordinator

Dr. S Sankar, Professor - CSE.

Co-Coordiators

Dr. R Dhanalakshmi, Professor - CSE.

Mr. V Vasanthakumar, Asst. Professor. - CSE.

Executive Committee

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Associate Dean, Industry Partnership and Corporate Affairs

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