

Registration Form
FACULTY DEVELOPMENT PROGRAMME
On
“Wireless, Sensor System and IoT.”
13th to 17th Feb 2017

(Kindly fill all the details in Block Letters)

Name: _____

Designation: _____ Department _____

Name of College: _____

Address: _____

PhoneNo. _____ MobileNo. _____

Email: _____

Accommodation required: Yes No

Payment Details:

DD No. / Transaction ID _____

Dated _____

Issuing Bank _____

Signature of Applicant

SPONSORSHIP CERTIFICATE

Dr./Mr./Ms.....
..... is an employee of
our Institute/Organization and is hereby sponsored to
participate in the FDP on “Wireless Sensor And IoT”
sponsored by Dr. A.P.J. Abdul Kalam Technical
University, Lucknow during 13 to 17 February 2017
at Raj Kumar Goel Institute of Technology &
Management, Ghaziabad.

Signature of Head of Institution
(with seal)

RESOURCE PERSONS

Dr. Vinay Tripathi, VNIT, Nagpur
Mr. Shashwat Pathak, MNNIT, Allahabad
Dr. Pawan Kumar Verma, RKGIT, Ghaziabad
Mr. Rajeshwar Singh, Eigen Technologies, Delhi
Mr. Utkarsh Mishra, Eigen Technologies, Delhi

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RKG Group of Institutions
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Organizing Members:

Ms. Sarika Tyagi
Ms. Pragya
Mr. Amit Pratap Singh

ONE WEEK
FACULTY DEVELOPMENT PROGRAMME
ON
“WIRELESS , SENSOR SYSTEM AND IoT”

(13th to 17th Feb 2017)

Sponsored by



Dr. A.P.J. Abdul Kalam Technical University
Uttar Pradesh, Lucknow



ORGANIZED BY



Department of Information Technology
Raj Kumar Goel Institute Of Technology And
Management, Ghaziabad
5 Km Stone, (Opp. Jain Tube Co. Ltd),
Delhi-Meerut Road, U.P, India
Phone: +91-120-2788273
Website: www.rkgitw.edu.in

About the College

RKGITM (Estd, 2008), strategically located on,5 Km Stone, Delhi-Meerut Road is one of the most well-known educational institutes of Ghaziabad. The college is affiliated to Dr. A.P.J. Abdul Kalam Technical University (formally UPTU), Lucknow. The college runs UG programme in ECE, EEE, CSE & IT.

RKGITM is a manifestation of academic heritage. Our focus is on human values, academic excellence and composite personality development programs for enhancing the potential of individual students, enriching human values, upholding the Indian value system, all acting in union as a vehicle for growth at the national and international level, thereby making it a “student driven” institute of higher learning.

About the Department

The Department of Information Technology (IT) is one of the major departments of RKGITM, Ghaziabad, formally RKGITW since its foundation in 2008. The department is very active in teaching and research in the area of Information Technology, Communication Technology, Multimedia and Animation, Management of Information System, Cyber Security, Artificial Intelligence, and many more emerging technologies. The department is equipped with the state of the art computational and experimental facilities for fulfilment of the requirement of Information Technology activities in various fields. Software Engineer, Software Consultant, Project Manager, Software Designer, IT Manager, Cyber Security Expert and many more are the opportunities available to our IT graduates. IT department has affiliation with many premier organizations and offers Industry and Research based education and transforms the students to be industry and placement ready.

Objective

The aim of this programme is to introduce the participants to the amazing world of sensor network and IoT, use and evolution of wireless sensor system with in the wider context of IoT. IoT is the idea of

making devices and objects smarter by linking them to the internet. This technology frontier (IoT) with immense engineering applications is the need for today’s industry and academia. This FDP serves as a platform to train and educate the research scholars, faculty, and people from industry to interact on cutting-edge technologies in this emerging area.

This faculty development training program is intended to provide opportunity for teaching faculties employed in affiliated colleges of the Dr. A.P.J. Abdul Kalam Technical University for teaching and upgrading their knowledge in the areas of Wireless, Sensor System and IoT.

Major Course Contents:

The major topics that would be covered in FDP are:

- Introduction to wireless and sensor system
- Under water sensor network.
- Magnetic Induction based communication for non-conventional media application.
- Coverage in terrestrial wireless sensor network
- Machine to machine communication, Enterprise Networks.
- Introduction to IoT, Current products, Open source electronics for IoT, IoT languages and its tools.
- Communication protocols, interconnections, system design and development, latest sensors and actuators.
- Sensor web and IoT cloud.

Hands-on training sessions will be provided with demos on real-time applications.

Outcomes

After completion of this FDP participants will be able to:

- Improve the teaching learning process in the subject of global importance..
- Apply the innovative ideas to bring the focus on the relevant issues in area of wireless, sensor systems and IoTs.
- Analysis of different protocols used in different application in relevant area.
- Design and test new protocols in the IoTs and sensor system.

The effects of the program will be seen, ultimately, in

the quality of the instruction students receive and in the quality of scholarly activity and collegial involvement on campus.

Benefits of one week FDP

Participant will earn 10 points (as per UGC guidelines) for his/her API score after successful completion of one week FDP. Participation certificate shall be issued to all the participants by the institute.

Participants: Faculty members from institutions affiliated to Dr. A.P.J. Abdul Kalam Technical University, Uttar Pradesh, Lucknow will participate in the event.

Accommodation: Accommodation may be arranged based on request from participants. Only limited seats are available in boys/girls hostel.

Registration

Registration Fee: (2000.00/- for each participant)

Registration fee may be paid through:

Demand draft, Online or Cash (on spot registration),

DD in favour of “Raj Kumar Goel Institute of Technology & Management” payable at Ghaziabad.

Online Payment (NEFT/RTGS) Details:

Name of Beneficiary “Raj Kumar Goel Institute of Technology & Management”

Bank Name and Branch “**Punjab National Bank, Ambedkar Marg, Ghaziabad**”

Account number “**3703002100315180**”

IFSC Code **PUNB0370300**

Registration form in the prescribed format should reach via mail on fdp_it@rkgitw.edu.in before **10.02.2017**. If fee is paid online then please email the transaction id.

How to reach:

