

GALGOTIAS UNIVERSITY

G-KAIZEN

The Annual Academic Journal

School of Computing Science & Engineering



GALGOTIAS METACOGNITION

Galgotias University in association with Wipro technologies launches Adobe centre of excellence.

TEDX GALGOTIAS UNIVERSITY

TEDx Galgotias University was organised for the second time in Galgotias. There were 5 speakers, the first was Dr Vikram Dutt who is a former civil servant and motivational speaker

2016-17

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The key to success of every magazine is the working relationship between its key editors, and those are our faculties and students. However our relationship with our team of editors is also vital because the organizational and presentation skills are important because we and our team have to deliver the final product, that has to look good, sometimes under tight deadlines and massive contents.



Shaurya Chauhan
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Member Partner.

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developed a racing car for Automantra

McGraw Hill Smartbook

2 day workshop on "Advanced Java"

Training on 'Internet of Things Using Rashberry Pi

Cognizant Project Award Competition 2017

6/13/2017

On 22nd May 2017 Cognizant conducted a Project Competition at Galgotias University

The competition helped students to convert their ideas into real world projects

Our students Shashank Gupta and Uday Garg won the 1st prize for creating a Pay 'N' GO project which helps in making online payments easier for retailers and day to day small amount transactions



School of Computer Science and Engineering organizing IEEE International Conference ICCA-2017 on 5-6th May 2017

5/31/2017

School of Computer Science and Engineering organizing IEEE International Conference ICCA-2017 on 5-6th May 2017





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International Conference on
**COMPUTING
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 (ICCCA2017)**

05-06th May, 2017
www.iccca.in



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With a focus on multidisciplinary research, education and a learning model that emphasizes active learning, GU aspires to be globally known for innovation at the intersection of disciplines. GU's bold vision builds upon over a decade of excellence of Galgotias Institutions in engineering and business education. Galgotias Institutions have been nationally ranked by India Today, Business Today and Outlook for their programs in engineering.

About ICCCA2017

School of Computing Science and Engineering, Galgotias University is organizing, International Conference on Computing, Communication and Automation (ICCCA2017). The conference will take place from 5-6th May, 2017 at the university campus, located on the bank of Yamuna Expressway, Near Badliha International Circuit, Greater Noida, UP, India. This conference provides a forum for researchers, engineers, educators, govt officials and corporate representatives involved in the area of Computing, Communication and Automation to disseminate their original research results and exchange their views on the future trends in these fields. ICCCA2017 is a non-profit conference with an aim to bring together the researchers, developers, students, academicians, and corporate practitioners to meet, exchange and derive the thoughts and future directions in Computing, Communication and Automation.

About School of Computing Science and Engineering

The School is backed with competent faculty members having good expertise in various fields of computer Science & Engineering. The faculty members of this department are very active researchers with varied experience in different areas of Computer Science & Engineering. The well designed curricula and the Flexible Credit System enable the students to acquire the relevant knowledge and skills with lot of flexibility in choosing the courses of interest. The department offers undergraduate, postgraduate and research programs in various disciplines of Computer Science & Engineering.

Call For Papers

Authors are solicited to contribute to the conference by submitting articles that illustrate research results, projects, surveying works and industrial experiences that describe significant advances in computing, communication and Automation. Topics of interest for submission include, but are not limited to:

Tracks Detail:

Web Intelligence & Semantics, & Data Mining: Semantic web, Computer vision, Automation, Service Oriented Architecture, Software, Engineering, Big Data, Data warehousing and Mining, Object and multi agent system, Business Analytics

Evolutionary Computing: Fuzzy logic, Natural Language Processing, Artificial Intelligence & Bio, Cognitive, Psychology, Game theory & applications, Genetic algorithm, Bio-inspired hardware & networks, Nature inspired computation

Ubiquitous Computing & Networking: Mobile ad-hoc networks, Mobile Identity Management, Security access policies, Network security management, Privacy-respecting authentication issues, Sensor N/W, Data Communication

Distributed Computing & Cloud Computing: Distributed & Parallel Computing, Grid & Cloud Computing, Cloud Quality Management & Service level agreement, High performance cloud computing, Green cloud computing

Software Engineering & Information System: Component based and Service oriented software systems, Software Engineering, Reliability and Testing, Information retrieval & Security, Knowledge Engineering & Management, Information, System modeling and Simulation Techniques

Intelligent System & Automation: Intelligent control & intelligent system, Intelligent Management & Decision Making, Intelligent Automation & Manufacturing, Mechatronics & Robotics, Industrial Automation

Multimedia Services & Technologies: Digital Image Processing, Computer Graphics, Virtual Reality, Image processing & acquisition, Video Processing

Green Computing & Internet of Things: Climate and Eco-system Monitoring, Energy Saving Solutions and Trade-offs, Power-aware Algorithms and Protocols, Renewable Energy Based Algorithms, Smart Buildings, Eco-friendly Computing & Green Cloud Computing, IoT Business Models and Case studies, Green IoT, IoT Architectures, Platforms and Applications, Mobile IoT, Security, Privacy and Trust, The Smart City

Hardware Design and Communication: Logic based planning, VLSI Designing, Modeling, Simulation & Automation, Process Monitoring, Green Computing & Internet of Things (IoT), Biomedical Informatics, Integrating & mapping biomedical ontologies, bioinformatics, genomics, proteomics, health informatics Reliability & Fault tolerance, Wireless Communication

ICCCA is indexed in SCOPUS and GOOGLE SCHOLAR

All ICCCA-2015 registered & presented papers are available on IEEE Xplore Digital Library
ICCCA2016 is about to publish on IEEE Xplore

Submission Procedure and Guidelines

Interested authors are invited to submit full papers including results, figures and references. Papers will be accepted only by electronic submission through easy-chair: <https://easychair.org/conferences/7conf=iccca2017>

All accepted & presented papers of the duly registered authors, will be submitted to IEEE Xplore Digital Library for Publication.

IMPORTANT DATES

Submission Deadline: 15 Jan, 2017
Acceptance Notification: 01 March, 2017
Camera Ready Paper & Early Registration deadline: 10 March, 2017
Late Registration: 20 March, 2017

CONFERENCE DATE

5-6th May, 2017

For more details please visit:

www.iccca.in

Or write to us at

iccca2017@gmail.com

Fee Details		Early Registration	Late Registration
Registration Type		By: 10 th March, 2017	By: 20 th March, 2017
Regular Author	IEEE Member	INR 7,300	INR 8,300
	IEEE Foreigner	USD 300	USD 350
Student Author	Non-IEEE Indian	INR 8500	INR 9,500
	Non-IEEE Foreigner	USD 350	USD 400
Industry	IEEE Indian	INR 5,500	INR 6,500
	IEEE Foreigner	USD 250	USD 300
Attendee	Non-IEEE Indian	INR 6,500	INR 7,500
	Non-IEEE Foreigner	USD 275	USD 325
Attendee	IEEE Indian	INR 9000	INR 10,000
	IEEE Foreigner	USD 400	USD 450
Attendee	Non-IEEE Indian	INR 10,500	INR 11,500
	Non-IEEE Foreigner	USD 450	USD 500
Attendee		INR 3000/USD 70	

Designed By: Manpreet Singh

An MOU has been signed between Galgotias College Of Engineering & Technology & NIIT Ltd to provide training in JAVA SE8 Programmer and Oracle 12C for B.Tech students during Summar Vacation on 29/05/2017

5/31/2017



TEDx event at Galgotias University was a resounding success

4/25/2017

TEDx EVENT AT GALGOTIAS UNIVERSITY WAS A RESOUNDING SUCCESS

Major Gaurav Arya, Stand-up comedian Apoorv Gupta, BJP leader Nupur Sharma were some of the prominent speakers at TEDx talk. An auditorium full of students got inspired and learned many amazing things from the speeches of eminent speakers. While Ms. Nupur Sharma an excellent orator herself spoke about the art of public speaking, Major Gaurav Arya talked of Army's brave history.

Speaking at the event Nupur said, "Public speaking is one of the easiest things to do. It is just that a person should know of some basic thumb rules of this art. Also it is very important for any public speaker to make eye-contact with maximum possible people to make them feel connected.

Major Gaurav Arya talked of brave history of Indian army and narrated stories of the past. He said, "Money can get one all mortal things but a sense of fullness comes only through following passion. Being in Indian army is no easy job and all of the people who do it, do so for the love of country".

Stand-up comic Apoorv had the audience in splits through his 'idea nahi hai' talk. Ms. Vartika Nanda, Social activist spoke on her success story with Tihar jail inmates. Mr. Rakshit Tandon, cyber security expert spoke on digital security especially after demonetisation.





Infosys recognizes Galgotias University as a Member Partner.

4/6/2017

Infosys recognizes Galgotias University as a Member Partner.

Galgotias world-class teaching methodology and focus on research & innovation has impressed Infosys.



Galgotias University organised workshop on "IOT".

3/20/2017



Galgotias University organised expert lecture on "Cybersecurity-The Evolving Threat Landscape"

3/20/2017

Galgotias University organised expert lecture on "Cybersecurity - The Evolving Threat Landscape " by Commodore A. Anand, Director, National Critical Information Infrastructure Protection Centre (NCIIPC), India.

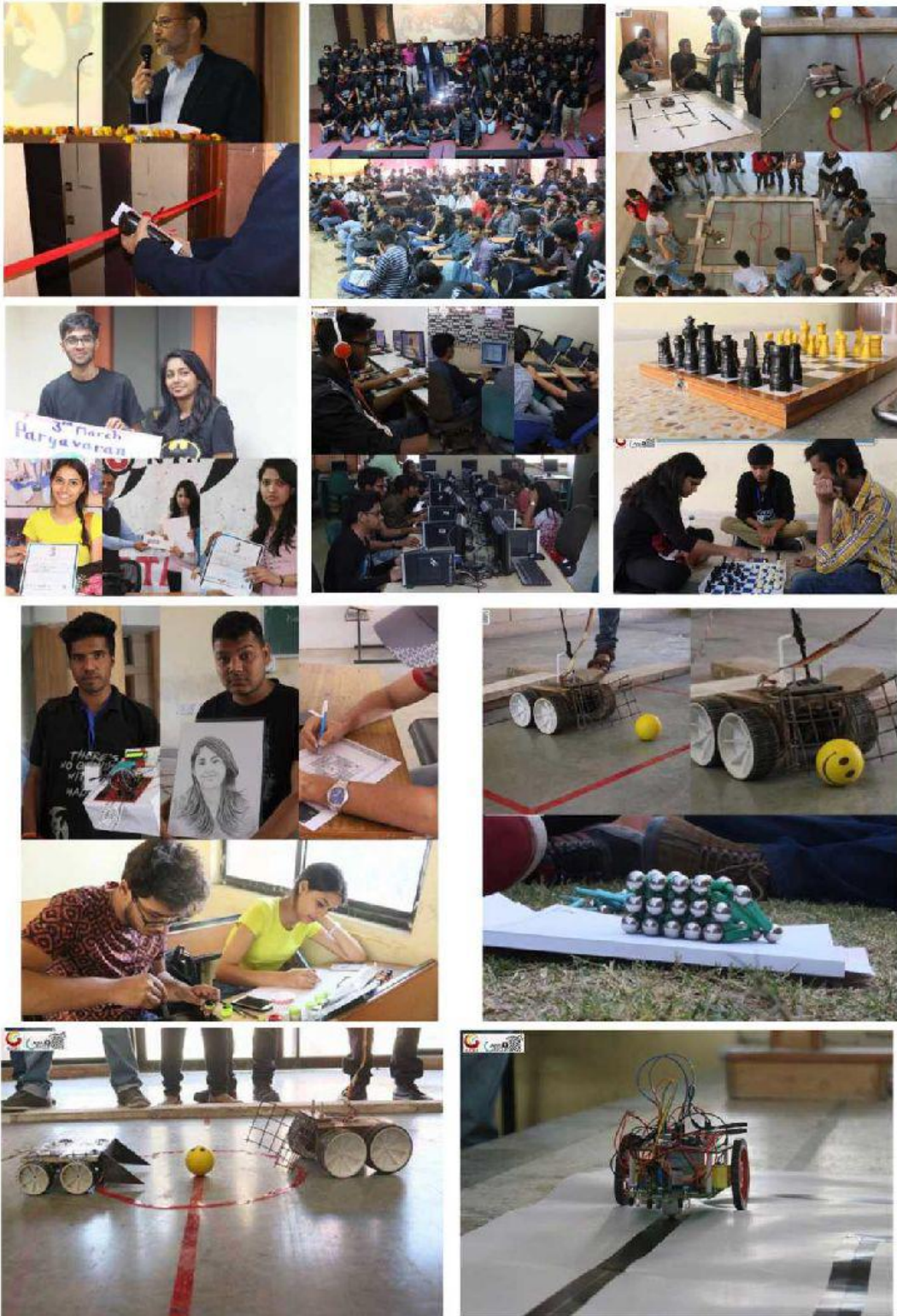


Galgotias Techfest: METACOGNITION 2017 was a huge success once again

3/6/2017



Galgotias Techfest : METACOGNITION 2017 was a huge success once again



Dhakkad Girl Babita Kumari was the Chief Guest at Galgotias University unifest

2/27/2017



Babita Kumari, Gold medallist of 2014 Commonwealth Games was the Chief Guest at Galgotias University Unifest.



Speech of Honble Shri M.Venkaiah Naidu, Union Minister for Urban Development, Housing and Urban Poverty Alleviation, and Information and Broadcasting during Galgotias University Convocation

1/27/2017

Hon'ble Shri M.Venkaiah Naidu, Union Minister for Urban Development, Housing and Urban Poverty Alleviation, and Information and Broadcasting gave motivating speech during the convocation program. The ceremony was conducted in the Galgotias University.



Some of his lines read as:

“Friends!

It is a great pleasure and honour to address the Convocation of Galgotias University. This university has done remarkably well in a short span of time distinguishing itself as a premier university in the NCR region and the country.

It reflects the dedication and commitment of the teachers and the staff, sincere efforts of the students and the inspiring vision of the management.

Let me first congratulate the winners of various awards and all the bright young students who are here today for their convocation, beaming with pride and joy, which they truly deserve after years of hard work. I also congratulate the proud parents of the students passing out today.

The function of education is to teach one to think rationally intensively and critically. A well developed Education system would create individuals that are empowered and enlightened, who would then become a positive force for the well-being and advancement of the society.

India has a rich and glorious tradition of learning which focussed on the development of the inner self of the student. The ancient Indian Universities such as Nalanda, Taxila taught advanced subjects like meta-physics, astronomy, philosophy etc.”

FDP on "VMWare Certification on Virtualization for Beginners" for Computer Science faculty



FDP on "VMWare Certification on Virtualization for Beginners" for Computer Science faculty

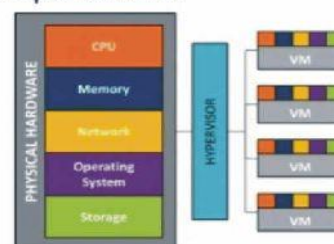
Recently a FDP on "VMWare Certification on Virtualization for Beginners" was conducted for the School of Computer Science & Engineering (SCSE) faculty. 37 SCSE members got certified digitally and this FDP made full usage of Go Digital concept. Banners, Attendance Register, Soft copy of notes, Video tutorials all were done through Digital mode.



Virtualization for beginners

- Virtualization is software or firmware
- virtualization is the process of simulating virtual instances of hardware resource within a physical server, into multiple watertight compartments

- CPUs/cores,
- Memory,
- network components,
- operating systems,
- storage



- It is opposed to creating one physical instance of those resources in a physical server, which we have been calling "a server" for a number of years

Galgotias University students create a placement record once again!

12/20/2016

The campus placements at Galgotias University hit a record high this year. More than 1,000 jobs were offered within the first 15 days of the placement period. The average package goes between 3 to six lacs.

More than 400 companies including Amazon, Samsung R&D, Flipkart, Ericsson, ICICI Bank, Future Group, Havells, LG Electronics, Ashok Leyland, and IndusInd Bank visited the campus during the placement season. The top employers were Infosys, Cognizant, Wipro and TCS.

About 84 % of students at the university were placed in sectors such as Logistics & Supply Chain Management, IT/ITeS, Law, Hotel Management, and Pharmacy. Galgotias University has tie-ups with several corporate firms and MNCs. Suneel Galgotia, Chancellor, Galgotias University, said, "This placement season has been great for our students. Many of them have got job offers from top-notch companies." He added that the faculty worked hard for the all-round personality development of the students and ensured that they were ready to enter the corporate world. "Our strategic learning techniques, clubbed with state-of-the-art facilities and a modern campus, help develop the necessary professional skills among students. These make them ready to face competition and deliver in the dynamic corporate environment," said Mr. Dhruv Galgotia, CEO, Galgotias University.

कैंपस चयन में विद्यार्थियों को तीन से छह लाख का ऑफर



ग्रेटर नोएडा, 19 दिसम्बर (देशबन्धु)। गलोटिया विश्वविद्यालय के में अब तक का सबसे अधिक प्लेसमेंट हुआ, विश्वविद्यालय में गत वर्ष चल रहे कैंपस चयन प्रक्रिया ने एक अपना ही कीर्तिमान स्थापित करते हुए कम्प्यूटर साइंस के 84 प्रतिशत और कुल मिलाकर 70 प्रतिशत छात्रों का रिकार्ड प्लेसमेंट कराया है। जबकि चयन सत्र अभी खत्म भी नहीं हुआ है। इस वर्ष विश्वविद्यालय के साथ और कई बड़ी कंपनियों चयन प्रक्रिया में जुड़ गईं हैं। अब तक देश-विदेश को 120 से ज्यादा बड़ी एमएनएमो कंपनियों ने

विवि में चयन प्रक्रिया में भाग लेकर छात्रों का चयन किया है। प्रमुख कंपनियों ने विश्वविद्यालय के छात्रों को 3 से 6 लाख का वार्षिक वेतन ऑफर किया है। इस अवसर पर ध्रुव गलोटिया मुख्य कार्यपालक गलोटिया विश्वविद्यालय ने कहा कि विश्वविद्यालय छात्रों में व्यवहारिक कौशल का समावेश तथा वैश्विक पेशेवर तैयार कर रही है। गलोटिया विश्वविद्यालय अपने अत्याधुनिक परिसर, सामरिक शिक्षा, अधिगम प्रक्रिया और सबसे उन्नत सुविधाओं के लिए जानी जाती रही है।

Celebrations on campus for excellent placements

CELEBRATION ON CAMPUS FOR EXCELLENT PLACEMENTS

Galgotias University is proud of its students who recently got placed in top corporates like INFOSYS, IBM, COGNIZANT, TECH MAHINDRA among others. To celebrate the excellent placements, a special event was organised on 25th November. Students shared their experiences and gratitude on getting placed in top companies.



Galgotias Engineering students designed and developed a racing car for Automantra

11/24/2016

Galgotias Engineering students designed and developed a racing car for Auto Mantra. Every year we build up a formula car and compete in Formula student competition (nationally and internationally). Currently making car for Formula Bharat 2017, it is gonna compete at kari motor speedway, Chennai from January 26-29. Last year competed in the same competition at Buddha international circuit and came 16th and 2 in NCR. Also we organise technical workshops for students giving them idea regarding the competition and technical aspects of Formula Student.



McGraw Hill Smartbook

9/16/2016

What is SmartBook? SmartBook is a digital version of your course textbook. It contains the same content within the textbook, but unlike a typical eBook, SmartBook actively tailors that content to your individual needs as a student. It can be accessed online through your laptop. And, many SmartBooks are available on tablet, too! It is the first and only adaptive reading experience available for the higher education market. Powered by the intelligent and adaptive LearnSmart engine, SmartBook facilitates the reading process by identifying what content a student knows and doesn't know. As a student reads, the material continuously adapts to ensure the student is focused on the content he or she needs the most to close specific knowledge gaps.

E-book is an PDFs version of a print book which is available on a digital format. Whereas smartbook is a live book which adapt as per the learning pace of its user. SmartBook actively tailors content as per the individual need of a student for smart/adaptive learning. It can be accessed online through your laptop or Tablet. SB is powered by the intelligent and adaptive LearnSmart engine, SmartBook facilitates the reading process by identifying what content a student knows and doesn't know. As a student reads, the material continuously adapts to ensure the student is focused on the content he or she needs the most to close specific knowledge gaps.



SMARTBOOK™

Dear Students,

All the students who opted for McGraw SmartBook can access FAQs under HIGHLIGHTS section of GU website. Also for any other support/clarification, you can mail to: support@mheducation.com

GALGOTIAS UNIVERSITY

"2 day workshop on "Advanced Java"

9/16/2016



"5 day workshop on 'Training on 'Internet of Things Using Rashberry Pi' from 5-9 Sep 2016 in ECE divison at GU (target parcipants are students of ECEW/EEE/EE/CSE)"

8/31/2016



EFYGROUP
Technology Solutions

GALGOTIAS UNIVERSITY

Hands-on Training INTERNET OF THINGS Using Raspberry Pi

Date: 5th - 9th September 2016
Time: Afternoon session on all the 5 dates.
Venue: Computer labs of SECE and SCSE

Training Agenda

<p>Day 1: Introduction to Raspberry Pi 3</p> <ul style="list-style-type: none">- What is Raspberry Pi- Features of Raspberry Pi- Booting Procedure- SD card setup- NOOBS installation <p>Day 2: Sensor Interfacing (Contid to Day 3 also)</p> <ul style="list-style-type: none">- Basic Led Blink Program- Python Code-Implementation- Basics of Sensor- Concept of Voltage Divider- Interfacing DHT11 temperature Sensor- Interfacing PIR sensor- Interfacing LDR- Ultrasound- 7 Segment LED	<p>Day 3: Introduction to IOT</p> <ul style="list-style-type: none">- What is IOT- Basic block diagram of IOT- Introduction to cloud service in Thingspeak platform <p>Day 4: Building Project 1</p> <ul style="list-style-type: none">- Setting Up- Coding- Implementation- Testing <p>Day 5: Building Project 2</p> <ul style="list-style-type: none">- Setting Up- Coding- Implementation- Testing
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