

IIMT
COLLEGE OF ENGINEERING
KP-III, **Greater Noida**
— Aim For Excellence —



Aryabhata

A Quarterly Publication of
Department of Computer Science & Engineering

Volume IV. Issue 4. April- June 2021



About the Department of Computer Science and Engineering

Department of Computer Science was established in the year 2005 with an intake of 60 students which has been rose to 120 seats, with the objective of imparting quality education in the field of Computer Science Engineering.

The department has also achieved prestigious NBA (National Board of Accreditation) and aims to be the Centre of Excellence in providing international standard education and consultation in the field of computer science and thus targets to produce globally competent and self disciplined computer engineers.

To Keep pace with rapidly evolving technology and continuous need for innovation in year 2020, the department has also started B.Tech. in "Artificial Intelligence" with an intake of 60 students, we always aim to produce quality professionals, holding important positions in information technology industry in India and abroad.

The Department of Computer Science and Engineering offers B.Tech course, lays emphasis on deep understanding of fundamental principles and knowledge of Computing Devices, logic, circuits, and computer architecture. The department is fully equipped with laboratories, along with advanced softwares like MATLAB, Oracle, j meter and Selenium under the supervision of well-qualified Professors with M.Tech. and P.hd. from reputed institutes like IITs, NITs, etc.

From Editor's Desk



The Department of Computer Science & Engineering is accredited with NBA. The Department executes 4 year B.Tech. Course in "Computer Science Engineering" since 2005 and in "Artificial Intelligence" since last year. It has state-of-the-art & world class facilities, with clear aim to be known as the best department in Computer Science & Engineering among all other Indian Colleges of repute. As a wealth, the department has a strong team of faculty members with high dedication towards the commitment. The pass out students of the department are performing extremely well in almost all the leading organizations and making the name of the department sparkle bright. Here at IIMT we are committed to provide not only technical education to our students but also the leadership qualities through which they can create employment for others.

Sincerely,
Dr (Prof.)K.Rama Krishna

"QUOTE FOR THE QUARTERLY"

Cyberattacks have become a permanent fixture on the international scene because they have become easy and cheap to launch. Basic computer literacy and a modest budget can go a long way toward invading a country's cyberspace.

[Evgeny Morozov](#)

Faculty Corner

Student Corner

(12) PATENT APPLICATION PUBLICATION	(21) Application No. 20211102947 A
(19) INDIAN	
(22) Date of filing of Application: 05/05/2021	(43) Publication Date: 07/05/2021
(54) Title of the invention: RFID BASED POSITION IDENTIFICATION IN A PLAYING ARENA	
(31) International classification	(71) Name of Applicant : ISHARDA UNIVERSITY Address of Applicant: Plot No. 32, 34, Knowledge Park III, Greater Noida, Uttar Pradesh 201301, India, Uttar Pradesh India 2# I. RAJAJ INSTITUTE OF TECHNOLOGY AND MANAGEMENT IIMT COLLEGE OF ENGINEERING 4#Dr. SIBARAM KHARA 5#Dr. SANDEEP KUMAR SHUKLA 6#Dr. BUDRA PRATAP GUHA 7#Dr. PALLAVI GUPTA 8#JYOTISNA CHENYALAPATI 9#HARSH RAJ 10#AJAY KUMAR GUPTA
(32) Priority Document No.	1#Dr. SIBARAM KHARA 2#Dr. SANDEEP KUMAR SHUKLA 3#Dr. BUDRA PRATAP GUHA 4#Dr. PALLAVI GUPTA 5#JYOTISNA CHENYALAPATI 6#HARSH RAJ 7#AJAY KUMAR GUPTA
(33) Priority Date	
(34) Name of priority country	
(80) International Application No.	
Filing Date	
(87) International Publication No.	
(81) Patent of Addition to Application Number	
Filing Date	
(82) Divisional to Application Number	
Filing Date	

(37) Abstract :
A sports equipment (100) for determining an athlete as well as enable positional determination of the athlete's foot on an athletic playing surface relative to an out-of-bounds line and victory line, the sports equipment (100) comprising: an outer body (104); and a radio frequency identification (RFID) chip (106) embedded in the outer body (104) of the sports equipment (100), wherein the RFID chip (106) comprises: a processor (108) configured to store data, instructions, and program thereon, including storing instructions for generating Radio Frequency (RF) signals to be transmitted; and a transmitter (202) and an antenna (110) connected to the processor (108) to send and receive RF signals to exchange information and data with sensors (302a-302n) incorporated into a playing arena (102); wherein the interaction of the RFID chip (106) with the sensors (302a-302n) enables the determination of a position of the sports equipment (100) on the playing arena (102).

No. of Pages : 23 No. of Claims : 8

The Patent Office Journal No. 19/2021 Dated: 07/05/2021

22345

1.Mr Ajay Kumar Gupta,Assistant Professor (CSE) has published a patent “RFID Based Position Identification In A Playing ArenaProtsahan” on07/05/2021.

2.Prof. K Rama Krishna of IIMT College of Engineering has successfully completed the Online Orientation Training Programme for Mentors organized from 5th April to 9th April 2021 under National Initiative for Technical Teachers Training.

Our students, Ramneek Kaur and Md.Kaiffrom the CSE4thyear, were placed in blackNgreen with handsome package of Rs.4.00 LPA.

Alumni Connect Program

Alumnus Name	:	Prashant Yadav(CSE 2014 Pass out)
Present Profile	:	Public Cloud Specialist Engineer (HCL Technologies)
Event Title	:	“ALUMNI CONNECT”
Event Date & Time	:	29-May-2021 (11:30 A.M to 12:30 P.M.)
No. of Attendees	:	190
Description	:	<p>“Alumni Connect”, an online event was organized by the department of computer science & Engineering on 29-May-2021 at IIMT college of Engineering. The guest speaker of this event, Mr Prashant Yadav (Alumnus of CSE 2014 batch), shared his valuable knowledge to our students about “The Existing & Next Generation of IT World”. He shared his knowledge about current tools and technologies which could have an impact on students to establish their goal in right manner. The students were very pleased to hear him, learned about new tools and technologies in coming IT World.</p>

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LIVE

WITH
MS Team

PRASHANT YADAV
(Batch 2010-2014)

Company - HCL Technologies
Public Cloud Specialist Engineer

Organized By : Department of CSE



29TH MAY ,2021



11:30 AM ONWARDS

Alumni Connect



Coordinator: Vipul Verma

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Faculty FDP & Research Publications

Sr. No	Name of Faculty	FDP	Date	Period	Topic/Title	Venue
1	Dr K. Rama Krishna	FDP	26 April, 2021 to 30 April, 2021	5 Day	Inculcating Universal Human Values in Technical Education	All India Council for Technical Education(AICTE)
2	Dr K. Rama Krishna	FDP	20-04-2020 to 24-04-2020	5 Day	Blockchain	JNTUA College of Engineering, Pulivendula

Sr. No	Name of Faculty	Journal	Title of Paper	Session	Volume
1	Mr.Gambhir Singh	Turkish Journal of Computer and Mathematics Education	Impact of AI on Environment	April 2021	Vol.12 No.6 (2021), 1928-1933
2	Dr. Indradeep Verma	Design Engineering	Cloud Based:Virtual Smartphone over IP	April 2021	Issue: 4 Pages: 800 - 812
3	Dr K. Rama Krishna	Design Engineering	Cloud Based:Virtual Smartphone over IP	April 2021	Issue: 4 Pages: 800 - 812
4	Dr. Indradeep Verma	Turkish Journal of Computer and Mathematics Education	Impact of AI on Environment	April 2021	Vol.12 No.6 (2021), 1928-1933

“IDEATHON on Covid 19 Problems (Software based)”

1. A software based national-level “Ideathon on Covid 19 Problems” was organised by the Department of CSE and IIC-IIMT Group of Colleges, Gr.Noida Campus.

Objectives:

- ❖ To organize an Idea deriving competition leading to fetching up of solutions for Covid -19 crisis.
- ❖ To share various software based approaches to derive on a solution.
- ❖ To develop Methods to cope up with issues and challenges in implementation about various problem statements to fight Covid crisis.

650 Registrations from all over the Nation were obtained in the initial round, out of which best 150 ideas were selected for second round. Later on in qualifier round 3, total 30 ideas were selected and in step 4 i.e. semi final round, 15 ideas were selected for video submission of their ideas. In the last round, 11 ideas were selected for presentation out of which following 3 winners were declared.

S.No	NAME	POSITION
1	AYUSH TYAGI	<u>I</u>
2	Minhaj Uddin	<u>II</u>
3	Mudit Sharma	<u>III</u>



VALEDICTORY SESSION OF 3 DAYS IDEATHON ON COVID - 19 PROBLEMS (SOFTWARE BASED)

Organized By
IIC IIMT &
Department of
Computer Science & Engineering

Date - 12th JUNE 2021 | Time - 9:30 AM - 11:30 AM

Other Departmental Events

INSTITUTION'S INNOVATION COUNCIL
IIMT COLLEGE OF ENGINEERING
Greater Noida
— Aim For Excellence —

McE IIMT ENGINEERING INNOVATION CELL & DEPARTMENT OF CSE
is Jointly Organizing
GUEST LECTURE
ON
Industry Interaction with Faculties and Students About a Specific Problem
Under CSI
16th April 2021 | 10:00 AM - 11:00 AM
Speaker
Mr. Ayush Tyagi
Managing Director
Daur India Technologies
Online Mode
Coordinator:
Dr. K. Rama Krishna (HOD-CSE)
PATRONS:
DR. SANJAY RACHAURI President, IIC IIMT DR. GOURAV SINHA Director, IIMT College of Engineering, Greater Noida

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GUEST LECTURES

A guest lecture on the topic **“Industry Interaction with faculties and students about a specific problem”** was organised on 16/04/2021 by department of CSE and IIC-IIMT Group of Colleges, Gr.Noida Campus. An eminent and distinguished learned personality, **Mr. Ayush Tyagi**, Managing Director of Daur India Technologies Noida, delivered an inspiring lecture.

A guest lecture on **“Lets be an Entrepreneur Start Now”** was organised on 27/05/2021 by department of CSE and ED Cell-IIMT Group of Colleges, Gr.Noida Campus. The department invited an eminent and distinguished learned personality **Prof.(Dr) Rajesh Kumar Pathak**, a specialist in the field. The guest speaker delivered a great lecture on entrepreneurship, about the steps to initiate to become an entrepreneur. He showed the best ways to start with entrepreneurship explaining the benefits of entrepreneurship and issues and challenges in becoming an entrepreneur.

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Years of Excellence
IIMT COLLEGE OF ENGINEERING
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Organized Jointly by Department of Computer Science and Engineering and ED Cell.

SESSION ON
Let's be an Entrepreneur-Start now

Thursday
27 MAY 2021
10:30 - 11:30 AM

Keynote Speaker
Prof. (Dr.) RAJESH KUMAR PATHAK
Hon'ble Vice Chancellor,
Shri Rawatpura Sarkar University
Raipur (C.G.)

Coordinator:
Mr. Praveen Tomar,
Assistant Professor
Department of CSE

YouTube LIVE

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A guest lecture on the topic **“Tableau for data science”** was organised on 10/06/2021 by department of CSE and IIC-IIMT Group of Colleges, Gr.Noida Campus. Invited guest was an eminent and distinguished learned personality, **Professor Dr. Indu Kashyap**, a specialist in his field. She motivated the listeners.

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GUEST LECTURE
Organized By: Department of CSE

TOPIC
TABLEAU FOR DATA SCIENCE

Thursday
10 June 2021
10:30 - 11:30 AM

Speaker
Dr. Indu Kashyap
Professor, (CSE)
Hansa Rashtra International Institute
of Research and Studies, Raichur

Coordinator:
Ms. Shrutli Mehta Assistant Professor, Department of CSE
Mr. Praveen Tomar Assistant Professor, Department of CSE

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Upcoming Departmental Events

AICTE Sponsored
National Conference (Online)
On

Cryptography and Network Security-2021

Under

Grant for organizing conference (GOC) Scheme

Dates of Conference: 10thAug, 2021-12 Aug 2021

❖ About Conference

All India Council for Technical Education (AICTE) is a statutory body, and a national-level council for technical education, under the Department of Higher Education. AICTE is responsible for proper planning and coordinated development of the technical education and management education system in India. As part of its institutional development schemes, AICTE has introduced Grant for organizing conference (GOC). This scheme provides financial assistance to institutions for organizing Conference at National and International level in various fields of Technical Education. Department of Computer Science & Engineering, IIMT College of Engineering, has received this grant for organizing online National Conference on Cryptography and Network Security.

The National E- Conference on Cryptography and Network Security affords a collaborative forum for academicians, students, research scholars and industry delegates to present their innovative ideas, discoveries, models and concepts of diversified areas. The theme of the conference is an emerging interdisciplinary area where a wide range of theories, methodologies & algorithms are explored to analyse or secure complex data/challenging real world problems.

The objectives of this conference are:

To promote scientific information interchange among researchers, developers, engineers, students and practitioners working in India and Overseas

To discover solutions for the key challenges faced by digital entrepreneurs and enterprises across the world through sharing of research ideas.

To provide exposure in various domains (and not limited to) such as Secure information systems, Security in networks, Development and realization of fundamental technologies, Application Areas and Security Assurance.

To offer keynote talks and paper presentations in online mode by academia and industry to inspire young participant's minds and henceforth enrich their knowledge.

Editorial Board**➤ Chief Editor:**

- Prof (Dr.) K.Rama Krishna, (HOD Dept. of CSE)

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- Mr. Ajay Kumar Gupta (A.P., CSE Dept)

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