The NIET MCA Times

Noida Institute of Engineering & Technology, Greater Noida

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FORM THE DESK OF THE MANAGING DIRECTOR

Work is Worship"

Success is not a one-shot process. It is the result of a continuous improvement after each failure. The fear of failure needs to be captured in order for a person to learn from his failure too. It is an invaluable opportunity to rectify errors and move forward. Failure in working for a good cause is better than success in working for a wrong cause. Over the years now, NIET has built quite a special position in the private higher education sector. With its distinctive culture, it provides a clear student-centered environment in which to explore existing technical knowledge, and gain new learning at the leading edges of technology development.

Our unique educational system ensures that you gain not just depth and breadth in your chosen area of specialization, but also a holistic set of skills that will equip you to face the real world. At every stage there will be opportunities to expand your boundaries, platforms for collaboration and learning, and recognitions for those who strive to excel. Thus, I would like each one of you to join NIET and aspire as global leaders and a successful human being.

Dr. Om Prakash Agarwal
(Managing Director)

MESSAGE FROM THE EVP

Strive to be best

At NIET, we want to ensure that we are providing students with a deeply transformative experience -intellectually, socially and personally - that will prepare them for a life of citizenship and leadership. The focus on 360 degree transformation is because we function as an institution that's committed to excellence at all levels.Over the years, it has been our deep and rich value system that has made NIET synonymous with quality education. By design, learning at NIET is cross-disciplinary and integrative. Our students experience considerable flexibility, freedom, and independence in their academic programs.

Raman Batra
(EVP)

THE DEPARTMENT

The Master of Computer Application course is formed in the year 2001, is approved by AICTE, New Delhi and affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow.The department offers M.C.A with an annual intake of 60.

The M.C.A. Department helps in providing the I.T. and Computer Industry with world-class talent and creating some of the finest software professionals every year. By providing concept-oriented subject knowledge through a high-quality teaching that is supplemented with practical training, the Department aims to bring out the brightest minds into the world of computers and technology. Typically, an MCA is a full-time degree course with a duration of three years (six semesters). It covers various aspects of computational theory, programming, algorithm design and optimization, network and database management, mobile technologies, electronics, mathematics, probability, statistics, accounting, finance, etc.

MESSAGE FROM THE DEAN *Ritesh Rastogi (HOD)*

Department is committed to academic excellence, with special focus on teaching-learning process, research and holistic development. We inculcate multi-disciplinary and inter-disciplinary competence and leadership skills in our students. Department aims to equip the students with the ability and skills to analyze, design and develop computer systems and their applications, with a curriculum that has a balanced emphasis on theory, practical's and projects. The focus will be on development and strengthening systems thinking, problem solving, analysis, design, research, team work, communication skills, and readiness for lifelong learning in areas of Artificial Intelligence, Machine Learning, Deep Learning, Cloud Computing, Cyber Security, Internet of Things. The courses run by the Department will use mixed techniques of interactive lectures, tutorials, laboratory work, guided case studies, literature surveys and project work that require team work, critical and creative thinking. Creativity flourishes in an atmosphere that is free, friendly and above all, democratic and participatory in nature. Every course is designed, delivered and monitored in a manner that will add a significant value to a student. We equally emphasize on the development of core human values, mental well-being and physical well-being of our students.

VISION AND MISSION OF THE DEPARTMENT

Vision

To create technologically superior and ethically strong globally competent manpower for industry and entrepreneurial mindset.

Mission

M1: To impart technology enabled quality education to students with innovative mindset to meet the challenges of the industries in a creative manner.

M2: To inculcate socially ethical mindset with lifelong learning aptitude and global outreach.

M3: To broaden their thinking with entrepreneurial zeal.

PROGRAMME EDUCATION OBJECTIVE

PEO 1: To produce successful post graduates for industry, government, academia and research for lifelong learning to fulfill their goals.

PEO2: To develop ethical leaders with strong communication ability who will excel as individual and team in a society.

PEO3: To produce successful innovative professional with computing and analytical ability to design and develop system with entrepreneurial aptitude.

PROGRAMME OUTCOMES

Po1: Computational Knowledge: Develop knowledge of computing fundamentals, computing specialization, mathematics and domain knowledge for solving real world problems.

Po2: Problem Analysis: Identify formulate review research literature and analyze complex problems reaching substantial conclusions using first fundamental principles of mathematics, computing science and relevant domain discipline.

Po3: Design /Development of Solutions: Ability to design and evaluate system, components or processes for complex computing problems that meets specified needs with appropriate consideration for the public health and safety and cultural societal and environmental consideration.

Po4: Conduct investigations of complex Computing problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

Po5: Modern Tool Usage: Create, select, adapt and apply appropriate techniques, resources, and modern computing tools including prediction and modeling to complex computing activities, with an understanding of the limitations.

Po6: Professional Ethics: Understand and commit to professional ethics and cyber regulations, responsibilities, and norms of professional computing practices.

Po7: Life-long Learning: Recognize the need, and have the ability, to engage in independent learning for continual preparation and development as a computing professional for broadest content of technological change.

Po8: Project management and finance: Demonstrate knowledge and understanding of the computing and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

Po9: Communication Efficacy: Communicate effectively with the computing community, and with society at large, about complex computing activities by being able to comprehend and write effective reports, design documentation, make effective presentations, and give and understand clear instructions.

Po10: Societal and Environmental Concern: Understand and assess societal, environmental, health, safety, legal, and cultural issues within local and global contexts, and the consequential responsibilities relevant to professional computing practices.

Po11: Individual and Team Work: Function effectively as an individual and as a member or leader in diverse teams and in multidisciplinary environments.

Po12: Innovation and Entrepreneurship: Identify a timely opportunity and using innovation to pursue that opportunity to create value and wealth for the betterment of the individual and society at large.

GUEST LECTURE ON WEB API

A Guest Lecture on WEB API was conducted on 30/07/2017 by Mr.Priyank Mittal. The target group was faculty and Students. Mr.Mittal discussed on the Web API, Automated design methods Web services that use markup languages, Regression Testing of Web service, Web Service Change Management and various types of web services technologies. All in all , it was a highly motivational and informative event.

SMART INDIA HACKATHON 2018

The event was organized by the department from 30/03/2018 to 31/3/2018 . Different mentors from MHRD and corporates attended the event. Around 400 attendies were present.

WORKSHOP

A workshop on Internet of Things (IOT) was conducted on 04/08/2018 for students . This workshop was helpful for understanding:

IOT & its Components
Choosing own hardware platform
Interfacing peripherals
Device access through BT and Internet
Cloud setup and a real life IOT project

KPIT SPARKLE DAY

The event was organized by the department on 25/07/2018. Mr. Rahul Uplap , Associate Vice President grace the event. Around 400 attendies were present for the event.
Executive vice president delivered his speech on the occasion.


THINK NIET
THINK AHEAD

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NIET
Greater Noida
GET FUTURE READY

NIET hosted the 6th Edition of KPIT Sparkle Day

एनआईईटी ने केपीआईटी स्पार्कल डे के 6वें संस्करण का किया आयोजन

ग्रेटर नोएडा, 28 अगस्त (देशबन्धु)। नोएडा इंस्टीट्यूट ऑफ इंजीनियरिंग एण्ड टेक्नोलॉजी ने 'केपीआईटी स्पार्कल डे' नाम से कार्यक्रम आयोजित किया गया। आयोजन का उद्देश्य छात्रों को इमेर्जिंग, आइडेंटिफाई और विचारों को स्वच्छ, सुरक्षित, हरित और टिकाऊ तकनीकों में सक्षम बनाना था। कार्यक्रम में तुषार जुवेकर-सीएसआर हेड, विशाल

- तकनीकी शिक्षा से जुड़े विद्यार्थियों को इन्नोवेशन के लिए मिलेगा अवसर

एनआईईटी ने इस आयोजन की सराहना करते हुए छात्रों को