NEWS LETTER UPSURGE

Vol. 2 - Issue 4 October, 2022 - December, 2022

80 Years Of Excellence in Education

Dr. K. N. MODI INSTITUTE OF ENGINEERING & TECHNOLOGY
Modinagar, Distt Ghaziabad, (DELHI - NCR)
www.knmiet.edu

Mothers Lap to Ph.D
DR. KEDAR NATH MODI FOUNDATION
Value • Knowledge • Character

Prof. (Dr.) Devendra K. Modi
Chairman
B. Tech (Chem. Engg., IIT BHU, Varanasi)
M. A. (Eco), MBA, PhD, D. Litt.

My parent's vision, beliefs, deeds and activities were all pervasive and wholesome. They not only confined to the growth of Modi Enterprises but operated in larger context of wholesome development of Industry Nationally and Internationally, besides being in the forefront in the promotion of social welfare, culture, sports, research, rural development, education and social development of people. As such it would be formidable to narrate their belief, visions, deeds, etc. in totality but as a mark of homage to both of them, emulating remembrance and above all to gain insight about great humanists.

I welcome you all to the family of Dr. K. N. Modi Foundation. We are very happy to have you on campus, marking a fresh start to your academic journey. You will be spending the most valuable years of your life on this campus, which will offer the best possible opportunities to enhance your intellect and pursue your dreams.

Dr. K. N. Modi Foundation is home to research oriented faculty and staff members who are committed to your success and will act as a catalyst for your learning experiences: both inside and outside the classroom. The knowledge quotient is alive and thriving in all corners of Dr. K.N. Modi Foundation. Your stint at the campus shall provide you with new insights, experiences and friendships to last for a lifetime.

We extend our best wishes and look forward to your success. I look forward to welcoming you to our vibrant family.

Prof (Dr.) Devendra K Modi
Chairman

It's my immense pleasure to introduce Dr. K. N. Modi Institute of Engg & Tech., Modinagar. The institute is offering undergraduate & postgraduate AICTE approved programs, with more than 4000 students & over 200 well qualified faculty. Apart from curriculum based studies, emphasis is made on promotion of innovative-driven projects, interaction with industries, soft skill & personality development, co-curricular and extra-curricular activities. Our core values of knowledge, character, excellence, integrity, transparency, quality, team work, execution with passion, trust, continuous and student centric learning are all closely integrated into our academic programs. We have over 5000+ alumni who occupy coveted positions both in India and abroad and are a source of pride and inspiration to us.

We are committed to achieve excellence in Technical, Management education & Research and assess the success and leadership of its programs using the highest standards of quality, innovation and visibility. Our goal is to be the most preferred choice of students, faculty & industry and to be in the top 10 in every discipline of education, engineering and management. Our aim is to achieve global leadership in human development & excellence in education. Recently Dr. KNMIET has been is accredited by NAAC successfully.

I am confident that with the concerted efforts of our team Dr.KNMIET, will scale upto the greater heights of excellence in the years to come.

Further, It's my privilege to convey my best wishes for the News letter UPSURGE (Issue: October 2022 to December 2022) as it represents the efforts of our esteemed faculty members and students. I convey my thanks to editorial team for their efforts in presenting the things in such a nice manner. BEST WISHES.

Dr. Deepankar Sharma
Addl. Director, Dr. KNMIET

CYCLE WITH SPIC MACAY

Dr. Kiran Seth, ex-emeritus professor at IIT-Delhi and founder of SPIC-MACAY (Society for the Promotion of Indian Classical Music And Culture Amongst Youth) as part of his solo cycle yatra from Kashmir to Kanyakumari. He began his jouney on 15th August and will end up on 31st January 2023. He visited Dr. K.N. modi Foundation on 1st October 2022 and interacted with the students and faculties to promote Mahatma Gandhi's vision of simple living and high thinking. Dr. D. K. Modi, President, Dr. K.N. Modi Foundation and all directors from various institutes of Dr. K.N. Modi Foundation welcomes him and discussed about his journey. Dr Seth, Padma Shri awardee, told that the three objectives of his yatra were "simple living and high thinking, to raise awareness about the environment and make students familiar with Indian culture".

FACULTY DEVELOPMENT PROGRAM ON CYBER SECURITY

Dr. KNMIET was signed a memorandum of understanding (MoU) with ICT Academy to offer various skill- based and employment-based programs to students for academic session 2022-2023. They provide training for faculties to facilitate knowledge about the topic named "Cyber security for educator and students". The training was started from 26 Sept 2022 upto 6 Oct 2022 under which four faculties participated named Mr. Rahul Kumar from Mechanical Department, Mr. Prateek Dubey from ECE Department and Mrs. Rachna Sharma and Mr. Sagar Nehra from BCA Department. The training was conducted by Dr. Raghvendra swamy k. Senior technical trainer from Microsoft philanthropies training.

DELHI DARSHAN

A trip to Delhi Darshan was organised by BBA and BCA Department of Dr. KNMIET, Modinagar. Lotus Temple, India Gate and Red fort were the centre of attraction where the students had enjoyed a lot and also understood the cultural heritage of their country. Trips like this are very important to impart practical learning to the students which make them apart from others.

INDUSTRIAL VISIT TO CHETU SOFTWARE

An industrial visit of BCA students was conducted on 01 Oct 2022. Around 55 students visited Chetu Softwares Sec - 62, Noida. The main aim of industrial visit is to provide exposure to students about technical working environment. It also gives students an opportunity to gain full awareness about industrial practices and learning about emerging technological trends. The visit was coordinated by the departmental faculty members by Mr. Rajeev Maheshwari and Mr. Sagar Nehra.

INDUSTRIAL VISIT TO YAKULT

An industrial visit of BBA students was conducted on 03.10.2022. Around 60 students visited Yakult, Sonipat (Haryana) and Garam Dharam.The principal point of the visit is to give modern openness to the studies which prepare them for the business. The modern visit assists with fostering the sharpness of business. It helped students gain Corporate Exposure to aspiring students.

GUEST LECTURE

A guest lecture on "Aptitude" was conducted on 6 Oct for all BCA Students of Dr. KNMIET. The speaker was Mr. Gaurav Singh from the department of Training of Dr. KNMIET. He stressed on the importance of aptitude with positive mindset and how it helps in one's career and life. The lecture was packed with interesting anecdotes which were thoroughly enjoyed by the students as well as the faculty members.

'DIYOTSAVA'

The students of Dr. KNMIET celebrated Diyotsava on 19.10.2022. Around 100 students participated in various activities like Rangoli Competition, Slogan making, Logo Designing, Best Out of Waste Material, and many more. These kinds of initiative help the student in their holistic development. The winners were rewarded with attractive gifts and to motivate the rest of the students were given certificates of participation.

JAGRITI PREMIER LEAGUE (JPL)

In order to develop the sportsmanship and team spirit among the students, an inter college Cricket Match JPL (Jagriti Premier League)was organized on 18th and 19th November. All the schools and colleges under the umbrella of Dr. KN Modi Foundation participated. The participants included Dr. KNMIET, KNMIPER, Dr. K.N. Modi Global School, CMD and KNMEC. The league has been played on knock out basis and in that Dr. KNMIET (BBA & BCA) beat KNMIPER in the final match. The winner team of BBA & BCA got trophy from our respected Director Dr. Deepankar Sharma and a cash prize of Rs. 5100 from our respected Administrator Mr. Meghraj Sharma.

SAMANVAY-2022

The program Samanvay 2022 of Dr. K. N. Modi Institute of Engineering and Technology was successfully organized at the campus on 17th December 2022. In this program, more than 100 alumnus of Dr. K.N. Modi Institute of Engineering and Technology 2003, 2004, 2005 participated. These students are currently working in various big companies as Directors, CEOs and other high positions in the country and abroad. The program was inaugurated by the chairman of the organization Dr. D.K. Modi by lighting the lamp. All the old students shared their experiences with the current students and gave them success mantras. B.Tech 1st year students Vivek Pandey, Himani Bhatt etc successfully staged the programme. B.Tech 2nd year students Inder Sharma, Jasmine, Shailja etc. also staged many colorful programs. Director Dr. Deepankar Sharma greeted all the old students by giving them a symbol. Prominent alumni were Mr. Alok Gupta , Deepak Kumar, Dr. B.B. Sagar, BITS Mesra, Mr. Alok Srivastava, Rubnik, Bangalore etc. All the alumni praised the institute for organizing this event. Mr. Nidheesh Sharma and his team made this event a grand success.

WORKSHOP ON METAVERSE TECHNOLOGY

Trace Networks has organized an introductory workshop on Web 3.0 & Metaverse on 1st December 2022 for B.Tech (Computer Science & Engineering) and BCA students. The speaker of the event was Mr. Mayank Gupta. Trace Network Labs is enabling human-like-looking avatars and lifestyles for them in the metaverses. Apart from this, Trace Network aims to enable fashion brands to build an experiential ecosystem that encompasses building virtual stores with their exclusive digital merchandise on display.Trace Network is working towards bringing awareness to this new frontier of the internet and we will be obliged to have you as a partner in this endeavour.

AARAMBH 2K22: THE FRESHER'S PARTY OF B.TECH. IST YEAR STUDENTS.

Fresher's party AARAMBH arranged to welcome all new comers of Dr. KNMIET to encourage their creative impulse to boost their confidence and to motivate them to get ready to take on the challenge of the year ahead. The program started at sharp 11:00 AM on 21st November 2022 for BCA and B.Tech students and on 22 November 2022 for BBA students with the opening ceremony. The program was inaugurated by the Director Dr. Deepankar Sharma Sir. Around 600 students participated in this and a refreshment followed the program. All the freshers love the welcome given to them. Mr. Fresher and Ms. Fresher was selected from all the departments. Vikas Saini and Shreya Kaushik from BCA Department , Shubhangam Asthana and Himani Bhat from B.Tech felicitated as Mr. Fresher and Ms. Fresher respectively .

INDUSTRIAL VISIT TO UFLEX LIMITED, NOIDA

An industrial visit to Uflex Ltd, Noida was organized for B.Tech Chemical and Mechanical engineering students. The main purpose of visit was to provide practical exposure and industrial knowledge to the students. It helps them in developing the awareness about the technological development in industry which will help them in future.

SPIC MACAY PROGRAM

The SPIC MACAY, Modinagar Chapter intends to enrich the quality of formal education by increasing awareness about different aspects of Indian heritage and inspiring the young mind to imbibe the value-s embedded in it. The SPIC MACAY Orientation took place on 18th October 2022 and was attended by over 150 students. The session proceeded with a brief introduction of SPIC MACAY, the hierarchical structure of the organization, Odissi dance by Madhavi Mudgal. Mr. Ankit Babbar

WORKSHOP ON "TECHNOLOGY LANDSCAPE"

A workshop on “Technology Landscape “ was conducted for CSE students. The speaker was Mr Kumar Anupam, Software Delivery Manager, IVY Comptech, Hyderabad. He discussed about the emerging 5G technologies have the potential to unleash the power of digital technologies to transform Indian society and bridge the Urban-Rural divide. India has drawn up a roadmap to promote indigenous IP development and deployment, in collaboration with global players, of this technology. As the global community gears up to implement the first wave of 5G technologies, it is important to collaborate on the trials, pilots and share the experiences. A shared vision for further development and deployment of futuristic technologies is necessary to accelerate the delivery of benefits of 5G to the global community.

TECH WIZARD EVENT

Tech Wizard is a Computer Science & Engineering society which is conducted by the students of Computer Science & Engineering” branch of Dr. K.N. Modi Institute of Engineering and Technology, Modinagar working together as a team. The students are working with the sole aim of providing a platform for the second year students of Computer Science & Engineering department for their all round development. This society conducts Technical events that help the participants to sharpen their technical knowledge and also the verbal events which help them in enhancing their communication and presentation skills. It is conducted by the coordinator of the club, “Ms. Padma Sharma” with “Mr. Nidheesh Sharma”. Since then the club has been working for creating a healthy learning environment by conducting events that collaborate both the 2nd year and 3rd year students of the department. This club has also conducted workshops on the hot topics of the computer science field in the past years & plans to do the same in the future.

FACULTY ACHIEVEMENTS

Patent Published

S.No.	Professor Name	Department Name	Patent (Name)	Ending Date/ Published Date
1.	Mr Sachin Sharma	EE	Enumerating and manipulating tree data for tagging tree using machine learning	21/10/2022
2.	Mr. Ashwani Sharma & Dr. B.K.Chauhan	ASH	Patient's health care monitoring system using WBAN and IOT	14/10/2022
3.	Mr Satyam Dubey & Dr.Brijesh Kumar	ASH	IOT employment for monitoring the rise of temperature of mass	11/11/2022
4.	Mr. Arun Chauhan	ASH	Impurities on heat absorption and retention properties of fresh water and its effects	11/11/2022
5.	Mr. Nidheesh Sharma	CSE	Method for Transmitting Data Between Plurality and Trees and Arrays	21/10/2022
6.	Mr. Prateek Kumar Dubey	ECE	Visual Tracking of Indoor Flying Advanced Auto Monitor Robots	04/11/2022
7.	Ms. Pratiksha Gupta	EE	Identify a Distant Eight Planet Solar System using Artificial Intelligence	11/11/2022
8.	Mr Sachin Sharma	EE	Artificial intelligence based approach to early predication of natural coma based on brain mapping techniques	02/12/2022
9.	Mr Prabhat Gupta	CSE	2 -D materials and their electronic and physical properties in transistors	18/11/2022
10.	Prabhat Gupta & Dr. Uruj Jallel	CSE	An efficient deep learning technique for intrusion detection system in cyber security application	09/12/2022
11.	Mr.Pramod Kumar Garg	BBA	Using corporate organization analyzing the usefulness of business re engineering as a strategic for the survival	09/12/2022
12.	Mr Saransh Srivastava	BCA	Machine learning based approach to predict the importance of bio energy system that are based on anaerobic digestion and fermentation techniques.	30/12/2022
13.	Mr.Satyam Dubey	CIVIL	Systematic approach to analyze the proper functioning of west water in brewing and predict the influence of chemical contaminants assessment	13/01/2023

FDP Attended Detail

S.No.	Faculty Name	FDP Name	Conducted by	Duration
1.	Mr. Pratik Kr. Dubey	Smart Material and Nanotechnology	NITTTR, Chandigarh	17-21 Oct'22
2.	Mr. Sachin sharma	Matlab, Artificial Intelligence and optimization technique	NITTTR, Chandigarh	21-25 Nov'22
3.	Ms. Pratiksha Gupta	Matlab, Artificial Intelligence and optimization technique	NITTTR, Chandigarh	21-25 Nov'22
4.	Mr. Satyam Dubey	Application of Auto CAD in Engineering	NITTTR, Chandigarh	14-18 Nov'22
5.	Ms. Upasna	System designing with controllers	NITTTR, Chandigarh	14-18 Nov'22
6.	Dr. Brijesh Kumar	Optimization for engineering problems with MAT LAB	NITTTR, Chandigarh	5-9 Dec'22
7.	Mr. Devendra Kumar	Optimization for engineering problems with MAT LAB	NITTTR, Chandigarh	5-9 Dec'22
8.	Mr. Ashwani Kr. Sharma	Optimization for engineering problems with MAT LAB	NITTTR, Chandigarh	5-9 Dec'22
9.	Mr. Sanjai Kumar	Optimization for engineering problems with MAT LAB	NITTTR, Chandigarh	5-9 Dec'22

Students may visit our website www.knmiet.edu to view
(Contact: 8859500790/91/92)

1. 360° View of our Institute.
2. Courses running
3. Placement details
4. Fee structure 2023-24
5. Our affiliation, approval and accreditation etc.
6. Online query
7. MoU signed with industry
8. NIRF DCS etc.

EDITOR'S ZONE

The newsletter 'Upsurge' is a snapshot of the various activities and advancements for all associated with Dr KNMIET. The 'Upsurge' can be termed as an acknowledgment and respect to the efforts and outcomes of Dr KNMIETians. Reader's valuable suggestions and comments are always welcome. While this newsletter is only a small step towards a long journey. This issue of newsletter would lead to a new beginning enlightened with hope, confidence, and faith in each other in the road ahead..... Happy Reading!

We are thankful to have privileged to gather versatility of our colleagues and of students in one platform

Chief Editor:
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