NEWS LETTER UPSURGE

Vol. 2 - Issue 5 January, 2023 - March, 2023

Dr. Kedar Nath Modi
1922 - 2005

80 Years Of Excellence in Education

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

Dr. K. N. MODI INSTITUTE OF ENGINEERING & TECHNOLOGY

Modinagar, Distt Ghaziabad, (DELHI - NCR)
www.knmiet.edu

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: January 2023 to March 2023) 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

DATA SCIENCE WORKSHOP

A data science workshop was successfully conducted by Computer Science Department on 17th March 2023. This workshop was organized by 'Training Basket'. The students actively attended the workshop of data science. The Data Science Workshop focuses on building up your practical skills so that you can understand how to develop simple machine learning models in Python or even build an advanced model for detecting potential bank frauds with effective modern data science.

24TH BLOOD DONATION MELA

The 24th blood donation Mela was organized by Dr. K.N. Modi Institute of Engg & Tech, Modinagar on March 18, 2023. It was conducted in Auditorium. The Chief Guest Prof. Dr. D.K. Modi, President of Dr K N Modi Foundation inaugurated this event. Function was started with lightning of lamp and Saraswati Vandana. Further, students of BBA and BCA presented a patriotic song which encouraged the students.

About 26 students had volunteered for donating blood. Dr. Tushar Tyagi and Dr. Rohit Kansal with the team of 10 doctors and R.K. Charitable Trust Hospital, Modinagar came in our Institute. More than 100 students, teachers and alumni were came up for donated the blood. The blood bank centre encourages the students by providing Certificate, trophy and refreshment.

This was under the guidance of our IQAC Coordinator & Addl. Director Dr Deepankar Sharma, Faculty coordinator (Ms.Pratiksha Gupta, Ms. Neha Gupta, Mr. Randhir and Dr. Brijesh Kumar). Program ended at around 3.30 with presenting a token of gratitude towards team of doctors.

AAP KI ADALAT

The BBA students got the opportunity to visit of India TV on the Rajat Sharma Renowned show "Aap ki Adalat". The guest of the show was Hon'ble Smriti Irani ji. The show was telecasted on 18.03.2023 at 10.00 PM.

FELICITATION CEREMONY

The faculty felicitation ceremony was conducted on 11th February 2023. Ten faculty members were felicitated as star faculty. Dr. Deepankar Sharma felicitated the star faculty and admission team members for their constant support in college activities.

FACULTY DEVELOPMENT PROGRAM

Faculty development program on Microsoft Power BI Data Analyst Associate. This was organized with the help of ICT Academy, Chennai. Mr. Senthil trained the faculty members on Microsoft Power BI tool.

MoU Signed

The parties intended to cooperate within the area of skill based training, placement assistance and internships.

1. Edunet Foundation 2. Zaphire Information Technology 3. Byjus, The Learning App 4. Blogic Software Technologies 5. Connecting Dreams Foundation 6. Softcon

FACULTY BOOKS DETAILS (SESSION 2022-23)

S.No.	Professor Name	Department Name	Book Name
1.	Dr. Brijesh Kumar	ASH	Applied Mathematics
2.	Dr. Saurabh Sharma	CHE	Renewable Energy Resources Technology
3.	Mr. Prabhat Gupta	CSE	Agile Software Dovelopment
4.	Mr. Prabhat Gupta	CSE	The Cloud Revolution
5.	Mr. Prabhat Gupta	CSE	Operating System
6.	Dr. Brijesh Kumar	ASH	Probability, Statistics and Random Processes
7.	Dr. Brijesh Kumar	ASH	Discrete Mathematics and Graph Theory

PATENT PUBLICATION DETAILS

S.No.	Faculty Name	Deptt	Patent Title	Patent No.	Filing Date	Publication Date
1.	Dr. Brijesh Kumar	ASH	First order differential equation solution using numerical networks interpolation and LaGrange	202341002968	14/01/2023	20/01/2023
2.	Dr. Deepankar Sharma & Dr. Brijesh Kumar	ASH	Using probability distribution and proportion of rejecting a true null hypothesis comparing the spurious correlation methods.	202311003613	18/01/2023	27/01/2023
3.	Dr. Brijesh Kumar	ASH	Evaluation of availability and reliability characteristics of two different system using linear first order differential equation.	202311004005	20/01/2023	27/01/2023
4.	Mr Prabhat Gupta	CSE	Artificial intelligence based smart diets system to suggest best diets for all types of patents and other peoples for healthy life using cloud and machine learning algorithms.	202341001885	9/1/2023	20/01/20223
5.	Dr. Mohd Uruj Jaleel & Mr. Prabhat Gupta	CSE	Machine Learning based non-invasive detection and prevention of anemia at early stage using, image processing and deep learning algorithms for all ages of people for healthy life.	202311001191	5/1/2023	13/01/2023
6.	Mr. Rahul Kumar	ME	An artificial Intelligence Based air Pollution Prediction and Monitoring	202311008120	8/2/2023	17/02/2023
7.	Dr. Mohd Uruj Jaleel	CSE	AI and cloud based prediction and diagnosis of various heart diseases and chances of heart attack and to prevent at early stage with affordable rate using data mining techniques and machine learning algorithms.	202341002576	12/1/2023	17/02/2023
8.	Mr. Prabhat Gupta	CSE	IoT based automatic smart water quality monitoring system for all purpose using wireless sensor networks and machine learning algorithmic.	2023410003220	16/01/2023	17/02/2023
9.	Mr. Rajeev Kr. Maheshwari	BCA	Artificial Intelligence based approach for classification of Nano- Material based on their efficacy in the treating breast cancer.	202341007256	5/2/2023	24/02/2023
10.	Dr. Brijesh Kumar	ASH	Deep Learning Techniques for estimation of the probability of presence using presence of background	202311008512	9/2/2023	9/3/2023
11.	Mr. Arun Chauhan	ASH	Analysis of flexible perovskite solar cells with evaluating there efficiency operational stability and mechanical reliability	202311008508	9/2/2023	9/3/2023

S.No.	Faculty Name	Deptt	Patent Title	Patent No.	Filing Date	Publication Date
12.	Mr. Devendra Kumar	ASH	Systematic approach to predict the role and research of artificial intelligence in mathematics	202311010027	15/2/2023	9/3/2023
13.	Mr. Sanjeev Kumar	ASH	Utilization of photovoltaic powered wireless tags in flexible perovskites to support the smart IOT world.	202311011179	18/02/2023	17/03/2023
14.	Ms. Pratiksha Gupta	EE	Implementation of Classification Models to improve the electric charging system to cope up with their exponential growth	202341011765	21/02/2023	17/03/2023
15.	Ms. Pratiksha Gupta	EE	Smart Home Energy Management System Control through Deep Reinforcement Learning	202341013222	27/02/2023	17/03/2023
16.	Ms. Satyam Dubey	CE	Implementation of Safety Management Techniques in Civil Engineering using Artificial Intelligence and IOT	202341012570	24/02/2023	17/03/2023
17.	Mr. Devendra Kumar	ASH	Application of linear algebra and partial derivatives to machine learning and Artificial intelligence	202341015521	8/3/2023	17/03/2023
18.	Mr Ajit Singh	CSE	IOT Based Automatic Attendance Management Systems to monitor and track the students using AI camera using deep learning algorithms.	202341018319	17/03/2023	31/03/2023

FACULTY FDP DETAILS (SESSION 2022-23)

S.No.	Faculty Name	Deptt	FDP Name	Conducted by
1.	Mr. Mayank Chauhan	CIVIL	Microsoft Power BI Data Analyst Associate	ICT Academy
2.	Dr. Brijesh Kumar	ASH	Microsoft Power BI Data Analyst Associate	ICT Academy
3.	Mr. Sachin Sharma	CSE	Microsoft Power BI Data Analyst Associate	ICT Academy
4.	Ms. Pratiksha Gupta	EE	Microsoft Power BI Data Analyst Associate	ICT Academy
5.	Ms. Manisha Tyagi	EE	Microsoft Power BI Data Analyst Associate	ICT Academy
6.	Mr. Randhir Kumar	ME	Microsoft Power BI Data Analyst Associate	ICT Academy
7.	Ms. Rachna Singh	BCA	Microsoft Power BI Data Analyst Associate	ICT Academy
8.	Mr. Sagar Nehra	BCA	Microsoft Power BI Data Analyst Associate	ICT Academy
9.	Mr. Saransh	BCA	Microsoft Power BI Data Analyst Associate	ICT Academy
10.	Mr. Rajeev Maheshwari	BCA	Microsoft Power BI Data Analyst Associate	ICT Academy
11.	Mr. Mayank Chauhan	CIVIL	Recent Trends in Science, Management & Technology	IIMT University, Meerut
12.	Mrs. Pratiksha Gupta	EE	Conference paper " Smart Energy management Techniques of Microgrid: A Review"	AMU ALIGARH

S.No.	Faculty Name	Deptt	FDP Name	Conducted by
13.	Mr. Mayank Chauhan	CIVIL	Multiple- Objective particle swarm optimization method based Time -Cost Trade off Model for construction Projects	International Conference
14.	Mr. Ajay Chaudhary	BCA	Factors affecting Young Consumer buying behavior towards apparel in Modinagar(West U.P India)	International Conference
15.	Sachin sharma	EE	Big data applications in electrical engineering	NITTTR, Chandigarh
16.	Mr. Prabhat Gupta	CSE	Big data applications in electrical engineering	NITTTR, Chandigarh
17.	Mrs. Manisha Tyagi	EE	A Review power Quality Enhancement in Flicker Problem.	International Conference
18.	Dr. Brijesh Kumar	ASH	Numerical and Statistical methods with engineering application	NITTTR, Chandigarh
19.	Mr. Sanjai Kumar	ASH	Numerical and Statistical methods with engineering application	NITTTR, Chandigarh
20.	Mr. Ashwani kr. Sharma	ASH	Numerical and Statistical methods with engineering application	NITTTR, Chandigarh
21.	Mr. Devendra Kumar	ASH	Numerical and Statistical methods with engineering application	NITTTR, Chandigarh
22.	Mr. Arun Chauhan	ASH	Numerical and Statistical methods with engineering application	NITTTR, Chandigarh
23.	Mr. Mayank Chauhan	CIVIL	Low cost housing techniques and Practices (Cluster)	NITTTR, Chandigarh
24.	Mr. Mayank Chauhan	CIVIL	Evaluation and Rehabilitation of Pavements	NITTTR, Chandigarh

PLACEMENT DETAILS OF STUDENTS

S.No.	Student Name	Company Name	Branch
1.	Ravi Shankar	KP Reliable	ME
2.	Sourabh Raj Gupta	KP Reliable	ME
3.	Bhole Shankar	KP Reliable	ME
4.	Atul Tyagi	KP Reliable	ME
5.	Vikash Gaurav	KP Reliable	ME
6.	Asad Khan	KP Reliable	ME
7.	Pratik Mishra	KP Reliable	ME
8.	Harshit Kumar	KP Reliable	ME
9.	Abhishek Kumar	VIVO	EC
10.	Kumar Gautam	BELECTRIQ MOBILITY PVT LTD.	EEE
11.	Alim Ansari	SHIJAY PROJECT	CE
12.	Ritik Sharma	ELEATION	CE
13.	Saurabh Kumar	ELEATION	CE
14.	Rohit Singh	Appnox Technology Pvt. Ltd	CSE
15	Abul Faizy Ansari	Chetu Software	CSE
16	Ankit Kumar	Chetu Software	CSE
17	Ansh Sharma	Chetu Software	CSE
18	Ashutosh Sharma	Chetu Software	CSE
19	Ayush Sirohi	Chetu Software	CSE
20	Chaitanya Kumar Singh	Chetu Software	CSE
21	Hemant Kumar Singh	Chetu Software	CSE
22	Himanshu Kanaujia	Chetu Software	CSE
23.	Anuradha Singh	Chetu Software	CSE
24	Km Kaja Rani	Chetu Software	CSE
25	Kumar Utsaw	Chetu Software	CSE
26	Lakhan Singh	Chetu Software	CSE
27.	Maziburrahman	Chetu Software	CSE

S.No.	Student Name	Company Name	Branch
28	Mohammad Lalbaboo	Chetu Software	CSE
29	Mohd Mohatram	Chetu Software	CSE
30	Pooja Giri	Chetu Software	CSE
31	Raja Kumar	Chetu Software	CSE
32	Rishav Yadav	Chetu Software	CSE
33	Sunny Kumar	Chetu Software	CSE
34	Rituraj Yadav	Chetu Software	CSE
35	Sandeep Verma	Chetu Software	CSE
36	Avinash	Chetu Software	CSE
37	Aniket Pandey	Indus Valley Partner	CSE
38	Ashad Saifi	Indus Valley Partner	CSE
39	Anshika Patel	MSL	CSE
40	Govind Jaiswal	MSL	CSE
41	Honey Verma	Novel Pattern	CSE
42	Shrejal Kesharwani	Pherututre Studion Pvt Ltd.	CSE
43	Samarth Singhal	QSS Technology	CSE
44	Tripti Tiwari	QSS Technology	CSE
45	Keshav Mohta	Surasa Technology	CSE
46	Pranshu Pandey	Symb Technology	CSE
47	Tanisha Singh	Symb Technology	CSE
48	Arpita Kumari	Connect & Heal	CSE
49	Tanu Priya	Re Sustainability	CHE
50	Akash Bharti	Chetu	BCA
51	Abhianchal Tripathi	Chetu	BCA
52	Abhishek Gaur	Chetu	BCA
53	Arjun Gaur	Chetu	BCA
54	Manu Jindal	Chetu, Wipro	BCA
55	Ishan Mangal	Chetu	BCA
56	Gaurav Rana	Chetu	BCA
57	Mohd Ayan Khan	Qspider	BCA
58	Harshit Sharma	Chetu	BCA
59	Garima Sharma	Chetu	BCA
60	Komal Verma	Chetu	BCA
61	Sourabh	Chetu, Byju's	BCA
62	Sneha Singhal	Chetu	BCA
63	Anshuk Sharma	Qspider	BCA
64	Kshitij Kumar	Qspider	BCA
65	Rupal Sharma	Qspider, Safalta	BCA
66	Sarthak Sharma	Coud Analogy, Wipro, Chetu	BCA
67	Abhay Sharma	QSPIDER	BCA
68	Abhishek Singh	W3 Villa	BCA
69	Anushka Anand	Indus Valley Partner	BBA
70	Ayush Gupta	AHOM Technologies Pvt. Ltd.	BBA
71	Deepanshu Gaur	Heyoo! Community Building and Discovery App	BBA
72	Dhruv Sharma	Safalta Edu. Pvt. Ltd.	BBA
73	Harsh Kayat	Safalta Edu. Pvt. Ltd.	BBA
74	Jishan	Learning Closet Pvt. Ltd.	BBA
75	Kajal Sharma	Indus Valley Partner	BBA
76	Khushi Vishnoi	Indus Valley Partner	BBA

S.No.	Student Name	Company Name	Branch
77	Lakshay Vats	Safalta Edu. Pvt. Ltd.	BBA
78	Ritik Sharma	Aegis Customer Support Services Pvt. Ltd.	BBA
79	Rohan Garg	Indus Valley Partner	BBA
80	Sagar	DK Hukum & Co.	BBA
81	Sheetal	Indus Valley Partner	BBA
82	Shivam Tyagi	Ms. ARC Infratech	BBA
83	Tanvi Tyagi	Wood Capital Finance Ltd.	BBA
84	Vidhi	Indus Valley Partner	BBA
85	Vishwa Bandhu Gupta	Indus Valley Partner	BBA
86	Yashi	Training Basket	CSE
87	Neelakshi	Training Basket	CSE

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:
Ms. Pratiksha Gupta,
Head of Department, Electrical Engineering.

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NEWAI, (NEAR JAIPUR) RAJASTHAN (INDIA)
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