



Guest Lecture

Digital Intelligence for Sustainable Energy Systems: Convergence of AI, IoT and Smart Grids

18th June 2026

10:00 AM - 12:30 PM

Falconry Seminar Hall



Dr. Hitesh Datt Mathur

Professor - EEE
Head, School of Interdisciplinary Research and Entrepreneurship (SIRE)
Birla Institute of Technology and Science, Pilani
Pilani Campus, Vidya Vihar

Organising Committee

Dr. Vinoth Kumar K
Professor and Associate Head - R&D
Advisor IEEE IES NHCE SBC

Dr. Sujitha S
Professor and HoD - EEE

Dr. Revathi V
Dean - R&D

Dr. R J Anandhi
Dean - Academics

Dr. Manjunatha
Principal

Organised by
Department of Research and Development
Department of Electrical and Electronics Engineering



R. Manjunatha
Dean
Department of Research and Development
NEW HORIZON COLLEGE OF ENGINEERING
New Horizon Knowledge Park, Bellandur Main Road,
Near Marathalli, Bengaluru - 560 103



Event Report

Title	Guest Lecture on Digital Intelligence for Sustainable Energy Systems: Convergence of AI, IoT and Smart Grids	
Department	Research and Development	
Date	From: 18.06.2026	To: 18.06.2026
Time	From: 10:00 AM	To: 12:30 PM

Introduction:

The Department of Research and Development, in association with the Department of Electrical and Electronics Engineering, New Horizon College of Engineering, successfully organized a Guest Lecture on "Digital Intelligence for Sustainable Energy Systems: Convergence of AI, IoT and Smart Grids" on 18 June 2026 (Thursday) from 10:00 AM to 12:30 PM (IST) at the Falconry Seminar Hall.

The keynote session was delivered by Dr. Hitesh Datt Mathur, Professor, Department of Electrical and Electronics Engineering and Head, School of Interdisciplinary Research and Entrepreneurship (SIRE), Birla Institute of Technology & Science, Pilani.

The lecture focused on the transformative role of Artificial Intelligence (AI), the Internet of Things (IoT), and Smart Grid technologies in developing sustainable energy systems. The speaker discussed the integration of digital intelligence into modern power systems, highlighting applications such as intelligent energy management, predictive maintenance, renewable energy integration, smart metering, demand-side management, and data-driven decision-making for efficient and resilient power networks.

The session provided valuable insights into emerging research trends, industry challenges, and future opportunities in intelligent energy systems. Participants gained a comprehensive understanding of how AI and IoT technologies are reshaping the energy sector and enabling the transition towards sustainable and smart power infrastructure.

The programme witnessed enthusiastic participation from 128 faculty members and research scholars of various engineering disciplines. The interactive question-and-answer session enabled participants to engage with the speaker, clarify technical concepts, and discuss current research opportunities in the field of sustainable energy systems.

The programme concluded with a vote of thanks expressing sincere gratitude to the distinguished speaker for sharing his expertise and to the management, organizing committee, faculty members, and participants for their valuable support in making the event a grand success. The lecture served as an excellent platform for knowledge dissemination, fostering innovation, and strengthening academia-industry collaboration in the domain of digital technologies for sustainable energy systems.







NEW HORIZON
COLLEGE OF ENGINEERING

Department of Research and Development

Participant details

S.No	Name	Designation	Department	Signature
1.	Apekha NH	Assistant Professor	AIML	[Signature]
2.	Maninder Kaur	Assistant Professor	AIML	[Signature]
3.	Sivasantani SS	Sr. " "	AIML	[Signature]
4.	M. Pragy. Subh. Dev	Sr. Asst Prof	CSE1	[Signature]
5.	Salna Joy	Sr. Asst Prof	CSE1	[Signature]
6.	V. Lakshmi Deyar	Sr. Asst Prof	CSE1	[Signature]
7.	R. S. Syam Dev	Sr. Asst. Prof	AIML	[Signature]
8.	Dr. Srujith S	Associate Professor	AIML	[Signature]
9.	Dr. Meenakshisundaram	Sr. Asst. Prof	EEE	[Signature]
10.	VENOD KUMAR S	Sr. AP	EEE	[Signature]
11.	Dr. Sujay Das	Sr. AP	EEE	[Signature]
12.	Bhaya. R	Sr. AP	CSE-1	[Signature]
13.	Kavitha K	Sr. AP	CSE-1	[Signature]
14.	Divyanshi Amabha	Assistant Professor	CSE-1	[Signature]
15.	Dr. Ishani Mishra	Associate Professor	ECE	[Signature]
16.	Dr. Saampa Das	Sr. Assistant prof	ECE	[Signature]
17.	Dr. Nandini Yadav	Assistant Professor	ECE	[Signature]
18.	Dr. SRINATH. M.K	Asst. Prof	ME	[Signature]
19.	Moham. Kumar. Gh	Assistant professor	ME	[Signature]
20.	Smitha B.S	Sr. Assistant prof	ME	[Signature]
21.	Dr. Ananda. K	Sr. Assistant prof	AS	[Signature]
22.	Dr. LIPSA DASH	Sr. AP	ECE	[Signature]
23.	Dr. Pragati Jaipathi	Sr. A.P.	ECE	[Signature]
24.	Vinay R	SAP	ECE	[Signature]
25.	Dr. Vandana Ahuja	Sr AP	AS	[Signature]
26.	Dr. Tamrika Sharma	Sr. A.P	AS	[Signature]
27.	Dr. Nagabhushana N	SAP	ME	[Signature]
28.	Dr. Veeresh. G	SAP	ME	[Signature]
29.	Channabasava	A.P	A.S	[Signature]

30	Dr. Manjunath R.K	A.P	A.S	SAP
31	Dr. Suchin Patel	S.A.P	AS	AS
32	Dr. D.D. Padma Kalya	Sr. A.P	A.S	AS
33	Asha.K	SAP	A.S	AS
34	AKshitha.K	AP	A.S	AS
35	Dr. Suma.T	S.A.P	A.S	AS
36	Pooja Jose	AP	EEE	EEE
37	Surat Pyari A	SAP	EEE	EEE
38	Vinodkumar M.H	Sr AP	EEE	EEE
39	Satishkumar.D	Sr. A.P	EEE	EEE
40	Sundar P	AP	ECE	ECE
41	Thangaraj D	AP	EEE	EEE
42	Abhay Suriya.P		CSE	Abhy
43	M. Vinayakra	AP	CSE-2	Abhy
44	Dr. B.S. Patel	Assoc. Prof.	CSE-2	Dr. B.S.
45	SANDESH D M	Sr. A.P.	CSE-2	S.P.
46	Ashwini G.B	AP	CSE-1	AS
47	Mehda B	Sr. AP	CSE-2	AS
48	Rahul Xavier	Student (DSATM)	MCA	Rahul
49	Rajath H	Student (DSATM)	MCA	Rajath
50	Pratham M chowla	Student (DSATM)	MCA	Pratham
51	Sunil S.K	Sr. A.P	ECE	Sunil
52	Waleed Nami	Student (DSCE)	CSE	Waleed
53	Ved Prakash Singh	Student (DSCE)	CSE	Ved
54	Rajith D	Student (VEITECH)	EEE (P.E)	Rajith
55	MAADUZA	CSE-2 Sr. AP.	CSE-2	MAADUZA
56	Veenuka Singh	A.P	CSE-2	Veenuka
57	Garima Joshi	A.P	CSE-2	Garima
58	Varvathy B	Sr. A.P.	S.B.F	Varvathy
59	A. Yashathi	A.P	CSE-1	A. Yashathi
60	Chitra C	Sr. AP	CSE-1	Chitra
61	Saranya S	A.P	CSE-1	Saranya
62	Bhaskar sv	Sr AP	CSE-1	Bhaskar
63	Ashvank	AP	IT	Ashvank
64	Ran Kumar M	Sr-AP	ME	Ran Kumar
65	Sumanth K.P	Student (Presidency)	CSE-4	Sumanth
66	Budheshha G.R	Student (Presidency)	CSE	Budheshha
67	Dattanand	Student (Presidency)	CSE	Dattanand
68	Dr. Madhumohanala	Associate Professor	AS-maths	Dr. Madhumohanala
69	Dr. Prabhakarav	ASP	ECE	Dr. Prabhakarav
70	Dr. M. Jayanthi	ASP	ECE	Dr. M. Jayanthi
71	Harsh Kumar	Student (NMIT)	ISE	Harsh Kumar
72	Sameer G	Student (NMIT)	ISE	Sameer G
73	Saij Raja	Student (NMIT)	ISE	Saij Raja
74	Sikharush	Student (PU)	T.S.T	Sikharush

76.	G. Sruvathi	Student P.U	IST	Sruvathi
77.	B. Sargika	Student pu	IST	S
78.	Dr. S. Lakshmi	MHEE	AIM	S
79.	Dr. Prashant K.K.	NHCE	A.S	S
80.	Nagendra R	SAP/NHCE	ECF	Hay
81.	Kanana	Student	MCA	Kan
82.	Shivani Sangwan	NHCE P-	ISE	S
83.	Arihana Das	NHCE	ISE	Arihana
84.	Sai Sini Naidu O	Student Presidency	CIG	S
85.	Lakshitha DP	Student Presidency	CSG	Lak
86.	Nishal Gowda H	Student Presidency	CSH	V
87.	A. V. Ekan	AP AP	SCA	A
88.	Omkar K. Kanetkar	AP	GCE	S
89.	Ajay Raj	SAP	ECE	A
90.	Kiran moham ms	AP	AIML	CO

91.	Subhashree Rah	S. AP	CSE-1	S
92.	Dr. Nirendra M	Prof	CSE-1	M
93.	Shashank	Professor	CSE	S
94.	Shwetha BN	Professor	CSE	S
95.	Sandhya B.S	Asst professor	CSE(DS)	S
96.	Swati Selyal	AP.	CSE(DS)	S
97.	Asunthy	AP	CSE(DS)	S
98.	Dr. Renuathy	Professor	CSE(DS)	R
99.	Shifali sharma	Asst. Professor	CSE(DS)	Shifali
100.	Kavitha. U	Asst. Professor	CSE(DS)	Kavitha
101.	Swathi Vinesh	Asst Prof	CSE(DS)	S
102.	Mamta BS	SAP	ECE	M
103.	Dr. Hamsalekha-R	SAP	ECE	Hamsalekha
104.	Dr. Padmaja	SAP	ECE	P
105.	S. Ramya	AP	EEE	S
106.	M. Paghur Tilak	SAP	ME	P
107.	Dr. Padma Di. Rijesh G	ASP	ECE	G. Rijesh
108.	Karthick V	AP	EEE	V
109.	Manoj. V	Student	CSE	Manoj

110.	Darshan.T	MTech (Student)	CSE	
111.	DRP BASKAR	AS (Maths)	Associate prof (maths)	
112	Prof. Rashmi K.	Professor.	ECE	
113	Dr. T. Kanitha	Professor	ECE	
114.	Thana Deepu	Asst. Professor	AIML	
115	Kajal Bunnani	Research scholar	ISE	
116	Bhakti K.	Asst. Profss	ECE	
117	Shruthi G R	Sr. Asst. prof	ISE	
118	S. Subhashini	Sr. Asst Prof	ECE	
119	G. Vanthana	Asst Prof	ISE	
120	Shubhi Srinivas	Sr. Asst Prof.	ISE	
121	J. Beline Jini fa	Asst. Prof	ECE	
122	Dr. Divya-k.v	Assoc. prof	ISE	
123	HARISH.R. HANCIHAL	Sr. Assistant professor	ECE	
124	Dhanush.V	cmr university (student)	MCA	
125	Amshaykundanam	cmr university (student)	MCA	
126	Harsha	cmr university (student)	MCA	
127	DR. Anurag H.K.	Associate Prof, NHCC	AIML	
128	Puja Negi	Assistant Prof. NHCC	AIML	