Swami Keshvanand Institute of Technology, M & G, Jaipur
<u>Department of Electrical Engineering</u>

Title of the Activity: International Conference on Engineering Optimization and Data Science (ICEODS-2019)

Type: International

Objectives:

1. To bring together leading academicians, researchers and research scholars to exchange and share their experiences and research results in the area of Artificial Intelligence and Machine learning.
2. To provide a platform to learn proven case studies and success stories across industries and the risks and potential, AI, Machine Learning and Soft Computing.
3. To bridge the gap between two global knowledge antipodes, the academia and the industry, it also works as a pool of information, which in future processed and stored as knowledge into the minds of participants.
4. To share experience and exchange of ideas, that can foster National and international collaborations.

Program Details:

08:00 AM	Registration Begin	**Sir M. Visvesvaraya Block Porch (Civil Block, SKIT)**
08:30 AM	Inaugural Video	**Gyan Mandir Auditorium**
08:40 AM	Lamp Lighting Ceremony	
08:45 AM	Dignitaries on Stage	
08:50 AM	Welcome Note	Chairman
08:55 AM	Motivational Talk	Director
09:00 AM	Engineering Optimization & Data Science	Dr.S.L. Surana
09:20 AM	About SKIT	Dr. Ramesh Kumar Pachar
09:30 AM	Felicitation Chief Guest	Dr. Swagatam Das
	Felicitation Guest of Honour	Md. Apel Mahmud
	Felicitation Guest of Honour	Dr. Jagdish Chand Bansal
09:40 AM	Motivational Talk	Dr. Swagatam Das
09:50 AM	Motivational Talk	Md. Apel Mahmud
10:00 AM	Motivational Talk	Dr. Jagdish Chand Bansal
10:05 AM	Vote of Thanks	Dr. Akash Saxena
10:10 AM	Poster Presentation	**Sir M. Visvesvaraya Block (Guest Room)**

10:30 AM	High Tea	**Lift Area** **(Civil Block, SKIT)**
Technical Session-I		
11:00 AM	Keynote Speakers Felicitation	**JC Bose Seminar Hall** **(Civil Block, SKIT)**
11:00 AM -11:45AM	Keynote Address-1	**Dr. Swagatam Das**
11:45AM-12:45PM	Keynote Address-2	**Dr. Jagdish Chand Bansal**
12:45 PM - 02:00 PM	Keynote Address-3	**Md. Apel Mehmud**
02:00 PM - 02:30 PM	Lunch	**Mess** **(Old Pharmacy Block, SKIT)**
02:30 PM - 04:30 PM	Paper Presentation	**JC Bose Seminar Hall** **(Civil Block, SKIT)**

Day 2
12/October/2019

08:00 AM	Registration	**Sir M. Visvesvaraya Block Porch** **(Civil Block, SKIT)**
Technical Session-II		
08:30 AM	Keynote Speakers Felicitation	**Dr.Rajesh Kumar**
08:30 AM- 09:30 AM	Keynote Address	**JC Bose Seminar Hall** **(Civil Block, SKIT)**
09:30 AM 11:30 PM	Paper Presentation	
11:30 AM	High Tea	**Lift Area** **(Civil Block, SKIT)**
Technical Session-III		
12:00 PM	Keynote Speakers Felicitation	**Dr. Jayashree Vajpai**
12:00 PM – 01:00 PM	Keynote Address	**JC Bose Seminar Hall** **(Civil Block, SKIT)**
01:00 PM -2:00 PM	Paper Presentation	**JC Bose Seminar Hall** **(Civil Block, SKIT)**
2:00-PM - 02:30 PM	Lunch	**Mess** **(Old Pharmacy Block, SKIT)**
02:30 PM-03:30 PM	Paper Presentation	**JC Bose Seminar Hall** **(Civil Block, SKIT)**
03:30 PM	Valedictory Ceremony	**JC Bose Seminar Hall** **(Civil Block, SKIT)**

Expected Outcomes:

- Conference provided a platform for leading academicians, researchers and research scholars to discuss latest research in the area of Artificial Intelligence and Machine learning.
- Conference proven to a beneficial platform for bridging the gap between the academia and the industry.
- Conference provided a platform for students to share experience and exchange of ideas, with leading scientists and academicians.

Details of the Activity:

An international conference on Engineering Optimization and Data Science (ICEODS-19) was organized by Department of Electrical Engineering on 11-12 October 2019.

Day 1.

Day 1 started with the inaugural ceremony of ICEODS with Saraswati vandana and lamp lighting by the dignitaries. Welcome note was delivered by **Shri. Jaipal Meel (Director, SKIT, Jaipur)**. After the welcome note, felicitation of the chief guest **Dr. Swagatam Das** (ISI, Kolkata, Editor-in-Chief Swarm and Evolutionary Computation), guest of honor **Dr. Jagdish Bansal** (South Asian University) and **Dr. Apel Mahmoud** (Deakin University, Australia) was done by Principal **(Dr. Ramesh Kumar Pachar)**, HOD, EE **(Dr. Dhanraj Chitara)** and Director Academics **(Prof. S.L. Surana)**. The felicitation was followed by talk of Prof. S. L. Surana on the role of big data analytics and optimization with the special reference to power system. Short introductory and motivational talks were delivered by Chief guest and guest of honors. Finally, the vote of thanks was proposed by conference convener (Dr. Akash Saxena).

The first technical session was chaired by Dr. Swagatam Das, Dr. Jagdish Bansal and Dr. Mohd. Apel Mahmud jointly that contains the keynote speeches delivered by all three panelists.

1. **Dr. Swagatam Das** (Generative Adversarial Network- Machine Learning)
2. **Dr. Jagdish Bansal** (Nature Inspired optimization)
3. **Dr. Mohd. Apel Mahmud** (Local Energy trading framework for residential micro grid: A game theoretic approach).

Second Technical Session was chaired by Dr. Apel Mahmud and Dr. Akash Saxena jointly and in that session 14 papers were presented by different participants.

Day 2.

Day 2 started with the keynote speech of **Dr. Rajesh Kumar (Professor and Head, MNIT, Jaipur)**. Dr. Kumar spoke on Danger of big data and its implications. Dr. Kumar explained the role of big data in human modeling. After his keynote speech second technical session started and around papers were presented on different themes of conference such as optimization, data analytics, smart grid, image encryption, hybrid vehicle technology.

The third technical session was started with the keynote of **Dr. Jayashree Vajpai (Professor and Head, MBM Engineering College, Jodhpur)**. She spoke on different topologies of Particle Swarm Optimization (PSO). Presentations of different papers were done in this session around 23 papers were presented in this session. The third parallel session was conducted on SKYPE for outstation candidates who could not come to Jaipur for presentation. The SKYPE session was jointly chaired by Dr. Shalini Shekhawat and Dr. Soniya Lalwani. Six papers were presented in this session.

Valedictory session was followed by this technical session and best paper and poster awards were given to following paper and poster presenters.

Best Paper Technical Session-1
1. Mr. Ayush Agarwal (Jaipuria Institute of Management)

Best Paper Technical Session-2
2. Ms. Manish Gaur and Dr. Jayashree Vajpai

Best Paper Technical Session-3
3. Mr. P.D. Dewangan, Vinay Pratap Singh and S. L. Sinha

Best Poster Awards
1. Pranshul Kumar, Priya Gupta, Pulkit Jain and Shubham Mathur
2. Anshul Agarwal, Ashish Pathak, Deepak Agarwal, Avik Sharma and Divyansh Jain.
3. Rajesh Choudhary, Mohit Verma and Pankaj Choudhury.

Presenters from following institute were the participants of this international conference:
1. Sur University, Sultanate of Oman.
2. Malaviya National Institute of Technology, Jaipur.
3. National Institute of Technology, Raipur.
4. MBM Engineering College, Jodhpur.
5. Rajasthan Technical University, Kota.
6. P.D.A College Of Engineering, Gulbarga, Andhra Pradesh.
7. Xavier Institute of Engineering, Mumbai.
8. Dharam Singh Desai University, Nadiad, Gujrat
9. Career Point university, Kota.
10. College of Technology and Agriculture (CTAE), Udaipur.
11. Jaipuria Institute of Management, Jaipur.
12. University of Engineering and Management (UEM), Jaipur.
13. Chitkara University, Chandigarh.
14. Maturi Venkata Subba Rao Engineering College, Hyderabad.
15. Dr. Babasaheb Ambedkar Open University.
16. Sangam University, Bhilwara.

Press Coverage

डाटा साइंस है वर्तमान का फ्यूल

जयपुर ❖ जगतपुरा स्थित एक इंस्टीट्यूट में शुक्रवार को इलेक्ट्रिकल इंजीनियरिंग विभाग की ओर से दो दिवसीय 'इंजीनियरिंग ऑप्टिमाइजेशन एवं डाटा साइंस' विषय पर इंटरनेशनल कॉन्फ्रेंस शुरू हुई।

कार्यक्रम की शुरुआत मुख्य अतिथि प्रो. डॉ. स्वागतम दास, गेस्ट ऑफ ऑनर डॉ. जगदीश चंद बंसल तथा डॉ. एल मह्मूद व संस्था के डायरेक्टर जयपाल मील, डायरेक्टर (एकेडमिक्स) डॉ. एस.एल. सुराणा, प्राचार्य डॉ. रमेश कुमार गुनार, रजिस्ट्रार रचना मील, इलेक्ट्रिकल विभागाध्यक्ष

डॉ. धनराज वितारा व कॉन्फ्रेंस के कंवीनर डॉ. आकाश सक्सेना ने दीप प्रज्वलित कर की। श्रीका यूनिवर्सिटी से आए डॉ. एल मह्मूद ने बताया कि ऑस्ट्रेलिया में लोकल एनर्जी ट्रेडिंग पर फोकस किया जा रहा है। इसमें पर्सन टू पर्सन बिजली की लोकल ट्रेडिंग की जा सकेगी। साउथ एशिया यूनिवर्सिटी दिल्ली के डॉ. जगदीश बंसल, आईएसआई कोलकाता के डॉ. स्वागतम दास ने डाटा साइंस को वर्तमान समय का फ्यूल बताया एवं इसकी एप्लीकेशंस की नॉलेज शेयरिंग की।

सोलर एनर्जी में अपार संभावनाएं

डेली न्यूज, mbs रिपोर्टर

जयपुर। जगतपुरा स्थित स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी, एम.जी. एवं सी के इलेक्ट्रिकल इंजीनियरिंग विभाग की ओर से शुक्रवार को इलेक्ट्रिकल इंजीनियरिंग ऑप्टिमाइजेशन एवं डाटा साइंस विषय पर दो दिवसीय इंटरनेशनल कॉन्फ्रेंस आईसीईओडीएस की गई। इस दौरान समय का फ्यूल बताया एवं कॉन्फ्रेंस का शुभारंभ मुख्य अतिथि प्रो. डॉ. स्वागतम दास, गेस्ट ऑफ ऑनर डॉ. जगदीश चंद बंसल व डॉ. एल मह्मूद व संस्था

डायरेक्टर जयपाल मील, डायरेक्टर (एकेडमिक) डॉ. एस.एल. सुराणा सहित वरिष्ठ गणमान्य लोग रहे। श्रीका यूनिवर्सिटी के डॉ. एल मह्मूद ने बताया कि ऑस्ट्रेलिया में लोकल एनर्जी ट्रेडिंग पर फोकस किया जा रहा है। इलेक्ट्रिकल इंजीनियरिंग विभागाध्यक्ष डॉ. धनराज वितारा व कॉन्फ्रेंस के कंवीनर डॉ. आकाश सक्सेना ने कहा कि पर्सन टू पर्सन बिजली की लोकल ट्रेडिंग की जा सकेगी। डॉ. मह्मूद ने कहा कि सोलर एनर्जी की अपार संभावनाएं है, लेकिन सरकार को विजन लेकर चलना होगा। इसमें ने केवल लोगों को फायदा मिले, बल्कि सरकार को भी एनर्जी जनरेट कर सकेंगी।

The Conference ended with the vote of thanks of Convener

Enclosures: Proceeding of the conference

Pictures of Conference:
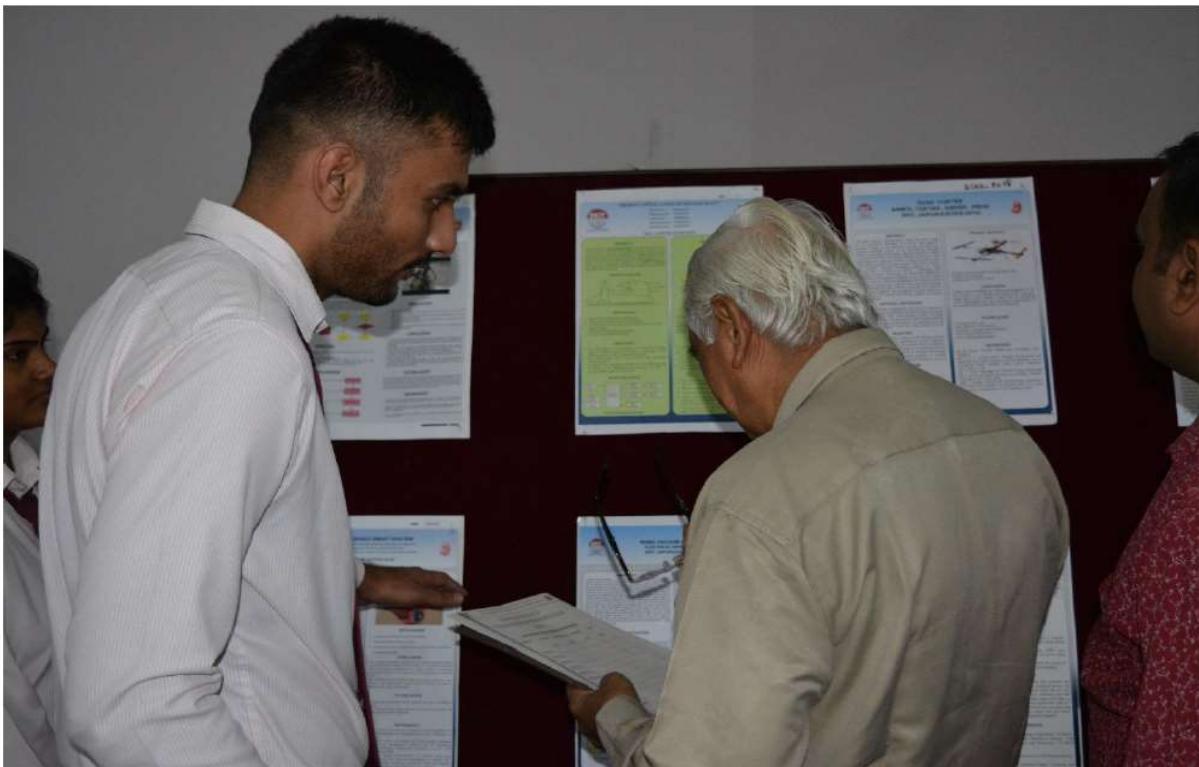
International Conference on Engineering Optimization & Data Science 11-10-2019 to 12-10-2019
Participant List

S.No.	Roll No./Ids	Participant Name
1	15ESKEE066	Naresh Kumar Menariya
2	16ESKEE001	Aayush Jain
3	16ESKEE002	Aayushi Meena
4	16ESKEE003	Abhinav Saini
5	16ESKEE004	Abhishek Garg
6	16ESKEE005	Abhishek Meena
7	16ESKEE007	Abhishek Vashishtha
8	16ESKEE008	Adil Rayees Ansari
9	16ESKEE025	Ayush Bhardwaj
10	16ESKEE027	Cheshta Choudhary
11	16ESKEE028	Darshan Sharma
12	16ESKEE029	Deepanshu Mittal
13	16ESKEE030	Devendra Gautam
14	16ESKEE031	Faizuddin Ahmed
15	16ESKEE032	Gaurav Sharma
16	16ESKEE033	Gaurav Soni
17	16ESKEE034	Gireek Raj
18	16ESKEE036	Harsh Haldiya
19	16ESKEE037	Harsh Sharma
20	16ESKEE038	Harsh Vardhan Bairagi
21	16ESKEE040	Harshvardhan Singh Hada
22	16ESKEE041	Himanshu Awasthi
23	16ESKEE042	Hina Khatri
24	16ESKEE043	Ishan Punia
25	16ESKEE044	Jatin Sharma
26	16ESKEE045	Kaushal Kumar Meena
27	16ESKEE046	Kunal Sharma
28	16ESKEE048	Lakshaya Kumawat
29	16ESKEE049	Lalit Kishor Tiwari
30	16ESKEE051	Madhvendra Singh
31	16ESKEE052	Mamta Mishra
32	16ESKEE053	Manan Deora
33	16ESKEE054	Manav Chauhadiya
34	16ESKEE055	Manish Faujdar
35	16ESKEE056	Manish Kumar Jain
36	16ESKEE057	Manish Sharma
37	16ESKEE058	Manmohan Singh
38	16ESKEE059	Manmohan Singh Shekhawat
39	16ESKEE060	Manvendra Singh Rathore
40	16ESKEE061	Mayank Gupta

41	16ESKEE062	Mayank Gupta
42	16ESKEE063	Mayank Gupta
43	16ESKEE064	Mayank Kumar Pankaj
44	16ESKEE065	Mohd Danish
45	16ESKEE066	Mohit Kumar Verma
46	16ESKEE067	Monika Rathore
47	16ESKEE068	Mukul Jain
48	16ESKEE069	Mukul Kumar
49	16ESKEE070	Mukul Saini
50	16ESKEE071	Mumukshu Vyas
51	16ESKEE072	Muskan Yogi
52	16ESKEE073	Naveen Saharan
53	16ESKEE074	Navinder Singh Solanki
54	16ESKEE075	Nikhil Bhardwaj
55	16ESKEE078	Nikhil Parashar
56	16ESKEE079	Nikita Saini
57	16ESKEE080	Nimish Upadhyay
58	16ESKEE081	Nitish Kumar Thapar
59	16ESKEE082	Nupoor Singh Meena
60	16ESKEE083	Pankaj Choudhary
61	16ESKEE084	Parikha Sharma
62	16ESKEE085	Pawan Kumar
63	16ESKEE086	Pawan Kumar
64	16ESKEE087	Prachi Raman
65	16ESKEE088	Pragya Jain
66	16ESKEE089	Priyanka Meena
67	16ESKEE091	Radhika Agrawal
68	16ESKEE092	Rahul Singh Rathore
69	16ESKEE093	Rajat Agrawal
70	16ESKEE094	Rakesh Choudhary
71	16ESKEE096	Ravi Choudhary
72	16ESKEE097	Ravi Jain
73	16ESKEE098	Ravi Shankar Verma
74	16ESKEE099	Robin Singh
75	16ESKEE100	Rohit Jonwal
76	16ESKEE101	Roopal Singh
77	16ESKEE102	Rupanshu Arora
78	16ESKEE103	Sachin Ghasolia
79	16ESKEE105	Samiksha Vijay
80	16ESKEE106	Saransh Gupta
81	16ESKEE107	Saurabh Jangid
82	16ESKEE108	Shaiphali Maheshwari
83	16ESKEE109	Shashank Sharma
84	16ESKEE110	Shekhar Kumar Singh
85	16ESKEE111	Shrayansh Bhardwaj
86	16ESKEE112	Shubham Bhardwaj
87	16ESKEE113	Shubham Nagar

88	16ESKEE114	Shubham Sharma
89	16ESKEE115	Shubhro Chakraborty
90	16ESKEE116	Siddhant Sharma
91	16ESKEE117	Sunita Choudhary
92	16ESKEE118	Sushil Kumar Sharma
93	16ESKEE119	Tarun Agarwal
94	16ESKEE120	Vaibhav Kulshrestha
95	16ESKEE121	Ved Prakash Meena
96	16ESKEE122	Vipin Swami
97	16ESKEE123	Yogesh Sharma
98	16ESKEE300	Ashish Yadav
99	16ESKEE301	Aman Kumar Sharma
100	16ESKEE400	Unnati
101	16ESKEE401	Dreamy Gupta
102	17ESKEE200	Abbyshek Verma
103	17ESKEE201	Chetan Singh
104	17ESKEE204	Sahil Bishnoi
105	15ESKEE002	Aastha Agrawat
106	15ESKEE003	Abhishek Jain
107	15ESKEE004	Aditya Singh Tomar
108	15ESKEE005	Ajay Jangid
109	15ESKEE006	Ajeet Meena
110	15ESKEE007	Amit Kumar
111	15ESKEE008	Animesh Sharma
112	15ESKEE009	Anish Kumar
113	15ESKEE010	Anisha Bansal
114	15ESKEE011	Ankita Sharma
115	15ESKEE012	Anurag Jindal
116	15ESKEE013	Apurav Vaishnav
117	15ESKEE014	Arvind Choudhary
118	15ESKEE015	Aryan Godara
119	15ESKEE016	Asif Khan
120	15ESKEE028	Devesh Yadav
121	15ESKEE029	Dhawal Gandhi
122	15ESKEE030	Dheeraj Kumar Sharma
123	15ESKEE031	Ekagrata Dhanker
124	15ESKEE032	Gargy Swami
125	15ESKEE033	Harendra Singh Baghel
126	15ESKEE034	Harshita Badlani
127	15ESKEE035	Himank Sharma
128	15ESKEE036	Himmat Singh
129	15ESKEE037	Hitesh Jain
130	15ESKEE038	Hitesh Mainani
131	15ESKEE039	Ishant Bhatia
132	15ESKEE040	Jagmohan Saini
133	15ESKEE041	Jaiprakash Menariya
134	15ESKEE042	Jitender Kumar

135	15ESKEE043	Jyoti Yadav
136	15ESKEE044	Kamal Kishore Bhakar
137	15ESKEE045	Kamlesh Kumar
138	15ESKEE046	Kanishka Mathuria
139	15ESKEE047	Ketan Sharma
140	15ESKEE048	Komal Gupta
141	15ESKEE049	Kumar Amit
142	15ESKEE050	Kushagra Pachar
143	15ESKEE051	Mahesh Kumar Yogi
144	15ESKEE052	Manan Saxena
145	15ESKEE053	Mangti Ram Prajapat
146	15ESKEE054	Manoj Yadav
147	15ESKEE055	Mayank Gupta
148	15ESKEE056	Mayank Swami
149	15ESKEE057	Md Hidaytullah
150	15ESKEE058	Md Jamshed Alam
151	711	Dr. Akash Saxena
152	61	Mr. Sarfaraz Nawaz
153	172	Mr. Bharat Modi
154	64	Mr. Ankush Tandon
155	189	Mr. Abhishek Gupta
156	670	Mr. Jinendra Rahul
157	191	Mr. Avadesh Sharma
158	756	Mr. Gaurav kansal
159	714	Mr. Mohd. Imran
160	687	Ms. Baibhav Bishal
161	688	Mrs. Rammurti Meena
162	732	Mr. Ankit Vijay
163	779	Mr. Vikas Mahala
164	137	Mrs. Pooja Jain
165	827	Mr. Arun Nayak
166	192	Mr. Tarun Naruka
167	691	Mr. Manish Navlakha
168	788	Mr. Vivek Sharma
169	690	Mr.Jitendra singh
170	758	Mr. Akash Deo
171	822	Mr.Deepak Saini
172	816	Md.Yusuf Shareef
173	194	Mr. Tarun Chheepa
174	188	Mrs. Kavita jain
175	658	Mrs. Deepti Arela
176	72	Mr. Ajay Bharadwaj
177	662	Mr. Garvit Gupta