



PROJECT COMPLETION REPORT

For

International Conference

On

**Sustainable and Innovative Solutions for Current Challenges in
Engineering & Technology**

(ICSISCET - 2019)

02-03 November 2019

Website: [Website: http://icsiscet.mitsgwalior.in](http://icsiscet.mitsgwalior.in)

Sponsored by

All India Council of Technical Education (AICTE)

(File Number: F. No. 67-6/RIFD/GOC/Policy-1/ 2017-18 dated 22.04.2019)

[Partially supported under TEQIP-III, in collaboration with Delhi Technological University, Delhi]

Coordinator

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MITS, Gwalior - 474005

Organized by

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

(A Govt. Aided UGC Autonomous & NACC Accredited Institute Affiliated to RGPV, Bhopal)



**AICTE Sponsored International Conference on
Sustainable and Innovative Solutions for Current Challenges in Engineering & Technology
2-3 November, 2019**

(Partially Supported under TEQIP-III, In Collaboration with Delhi Technological University, Delhi)
MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR (M.P.)
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PREFACE

The concept of sustainability is central to all developments. The term becomes more relevant by each passing day as the very existence of life on this planet is endangered due to the continuous and mindless exploitation of nature and natural resources due to population explosion, economic growth, infrastructure development, lifestyle changes and many other such factors. Nature, defined by its abundance, is a miraculous entity; it nurtures and blesses our lives in a million ways; nature keeps rejuvenating, replenishing, recycling and renewing itself constantly, at a steady pace. However, alarm bells are ringing now in every corner of the globe as the latest figures reveal a very grim picture, showing a huge gap between the rate of resource depletion and rate of recycling.

The professionals of engineering, management, science & technology fraternity need to redefine their role at this crucial point in the history of humanity, where the saying, “the last straw breaks the camel’s back” seems to fit so well. The signs are already visible everywhere, be it heavy smog in winter, frequent floods & cyclones, erratic climate pattern, unmanageable burgeoning piles of waste, polluted air, water, earth; even the stars are losing their sheen. Nature is crying out for help! We urgently need to answer that call to help ourselves, and to the future generations.

However, sustainability is a rather controversial issue; some would argue that development comes at the cost of sacrificing resources or else the human race will regress to the dark ages. I would say that striking a balance between development and sustainability is perhaps the biggest challenge before mankind. Accepting this challenge is our only hope, else we are doomed for sure; the only question is when & how.

The idea behind the conference is to bring together engineers, scientists, researchers, academicians, sociologists, planners and all those who can make a difference by introducing new policies, models, techniques and ideas that may help in creating a better tomorrow.

This interdisciplinary conference was planned about two years ago but it got a final form after receiving the sanction from the AICTE; the idea was to encompass and link all domains of engineering & technology with sustainable development. Overall there were 10 tracks;



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broadly based on exploring sustainability in infrastructure, manufacturing practices and design, Power & Energy systems, and Computing & Information Technology. Tracks were also planned on the latest developments in Computational Intelligence & Machine learning, Embedded Systems & VLSI Design and advances in Electronics & Communication Technology; two tracks on Societal Implications of Technology and Multidisciplinary Research & Practices.

The conference received **148 papers** through the ‘**easy chair conference management system**’. The papers were checked for plagiarism using the standard Turnitin software before sending the papers for review. After a rigorous review (each paper was reviewed by minimum two reviewers), **88 papers** were accepted and are scheduled to be presented over today and tomorrow in **16 separate sessions**. There is one Skype session. **Five sessions** were run in parallel on 2nd November afternoon, 3rd November morning & afternoon. Each session were chaired by one internal and one external expert. Also, spread over these two days, there are **10 expert sessions** which are placed before the paper presentations in each session. Overall there are **24 experts** from diverse fields of engineering, technology and science who were participated in the conference.

The session chairs and supporting teams have been provided with the review comments and soft copies of all camera ready papers assigned to their respective sessions, in advance.

In keeping with the conference theme of ‘sustainability’, the organizers have tried to avoid the use of paper as far as possible; all communication, review process, data management, registration, most of the session documentation etc. has been done electronically, to the extent that we have planned to give e-certificates to all participants, session chairs and experts, as a best practice and also as a small initiative towards the commitment of the institute to sustainability.



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ACKNOWLEDGEMENT

The organizers of the International Conference on “*Sustainable and Innovative Solutions for Current Challenges in Engineering & Technology*” gratefully acknowledge financial support from the **All India Council for Technical Education (AICTE)**, New Delhi, INDIA (Sanction order no. No. 67-6/RIFD/GOC/Policy-1/ 2017-18 dated 22.04.2019) and Technical Education Quality Improvement Programme (TEQIP), Phase III (A Government of India Project assisted by the World Bank.

The organizers also acknowledge support from the **Delhi Technological University (DTU), Delhi**, India under twinning arrangement in TEQIP-III.

The **conference patron Prof. K K Aggarwal, Chairman NBA** was the guiding force behind the conference and he also kindly accepted to deliver the keynote address, for which the organizers is eternally indebted.

Dr. S.N. Singh, Vice Chancellor, Vice Chancellor, Madan Mohan Malaviya University of Technology, Gorakhpur, India deserves a special mention for accepting the offer to deliver the **Plenary Talk**.

The organizers are grateful for the constant inputs and support from our conference chairs **Prof. R.V. Rao of NIT, Surat** and **Dr. J.C. Bansal of South Asian University, New Delhi** and **Dr. Mukhtiar Singh of DTU, Delhi**. Without their support the conference could not have been conducted at this scale.

Dr M.H. Lim of **Nanyang Technological University, Singapore**, deserves special thanks for helping the organizers in publishing the proceedings.

The organizing team is grateful to **Shri Prashant Mehta, Former Director General of the Academy of Administration**, Bhopal for sparing time to inaugurate the conference.

Sincere thanks to Alumnus and Secretary of **The Scindia Engineering College Society, Gwalior**, **Er. Ramesh Agrawal** who is a constant source of support.



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Thank are also due to all the **esteemed reviewers** for their time and significant contribution in maintaining the quality of the papers.

The contribution of **internal and external experts as session chairs** and the **session support teams** during the two days was most important for the effective conduction of the conference. They accepted the invitation and played a key role in conference conduction by giving valuable comments for improving the quality of the paper, post conference, before publication. The organizers are grateful for their support and efforts in conference conduction.

We thank the experts who have taken time from their busy schedules for delivering expert sessions during the conference.

The hard work and efforts of the Conference Core Team are sincerely acknowledged. The members have worked relentlessly and have left no stone unturned to make the conference a reality.

Thanks are also due to media persons, guests, authors, and all those who have directly or indirectly contributed in organizing and conducting this conference.

Organizing Team



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OBJECTIVES OF THE CONFERENCE

Technology is progressing at a very fast pace which is putting great burden on natural resources, creating heavy damage to environment. The price of development is being paid in the form of climate change, hazardous pollution levels and degradation of environment, which is endangering the very existence of life of the planet earth.

There is a need for technocrats, academicians, researchers and all other stakeholders to come together and deliberate on this issue and try to find engineering solutions to the problem. This is the time when new innovations, start-ups and novel ideas are needed to address the ecological problems created by industrial and other ventures. Alternate solutions are urgently needed to handle the crisis created by the previous technological set up.

There is an urgent need for professionals from Electrical Engineering, Electronics and Communication Engineering, Mechanical & Automobile Engineering, Computer Science, Information Technology, Energy Studies and mathematicians to come together and collaborate for generating sustainable solutions for maintaining the growth of economy without damaging the environment.

There is a need to develop new strategies and technologies which are environmentally self-sustainable. Scientific discoveries and technological innovations taking place for fulfilling the requirements of the power and energy sector, manufacturing sector, transportation, industrial automation, waste disposal etc. now must pointedly focus on the ecological footprint.

This conference aims to cover the topics from various disciplines to present their innovative ideas for sustainable development.



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CALL FOR PAPER



The proceeding of the conference will be published in Springer Series "Proceedings in Adaptation, Learning and Optimization"

<https://www.springer.com/series/12543>

Extended versions of selected/ registered/presented papers from the conference are invited for review and potential publication

IN Edited volume of "Algorithms for Intelligent Systems (AIS)", Springer under "Advances in intelligent computing and sustainable engineering systems and practices".

Special Issue of "International Journal of swarm intelligence", Inderscience Publishers.

Special Issue of "International Journal of Design Engineering", Inderscience Publishers.

Special Issue of "International Journal of Sustainable Design, Inderscience", Inderscience Publishers.

Special Issue of "International journal of smart grid and green communications", Inderscience Publishers.

International Journal of Ambient Computing and Intelligence (IJACI), IGI, Global.

International Journal of Rough Sets and Data Analysis (IJRSDA), IGI, Global.



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About the Conference

The Madhav Institute of Technology & Science (MITS), Gwalior is organizing two-day international conference on Sustainable and Innovative Solutions for Current Challenges in Engineering & Technology "ICSISCET 2019" from 2nd-3rd November, 2019. The conference will boost excellent innovations in terms of day to day life and academics. The selected papers of the conference will be published by AIS Series Springer on "Advances in intelligent computing and sustainable engineering systems and practices". The Conference is being organized with the financial support from the All India Council for Technical Education (AICTE), New Delhi, INDIA and Technical Education Quality Improvement Programme (TEQIP), Phase III.

About the Institute

Madhav Institute of Technology & Science (MITS), Gwalior was established in 1957 by His Highness Sir Jiwaji Rao Scindia, Maharaja, of the erstwhile state of Gwalior under open door policy of Govt. of India. The foundation stone of the institute was laid by the then President Dr. Rajendra Prasad, on 20th October, 1956 and the building was inaugurated by President Dr. S. Radhakrishnan on 11th December, 1964. On the occasion of Golden Jubilee Celebrations of the institute, the president of India, Dr. Pratibha Devi Singh Patil graced the Golden Jubilee Celebrations of the institute as Chief Guest on 30th June, 2008. A postal stamp on MITS was also released on this occasion by her on the same day.

SCHEDULE

August 15
(HARD DEADLINE), 2019

- Last date of paper Submission

August 31, 2019

- Notification of acceptance

September 10, 2019

- Camera-ready submission of accepted papers

September 15, 2019

- Registration of accepted papers

November 02-03, 2019

- Conference Date

Venue:
Conference Hall, MITS, Gwalior
(M.P), India

REGISTRATION FEE

	For oral Presentation only	For oral Presentation and Publication
Industry & Academia	2500/-	4500/-
Students & Scholars	1500/-	2500/-
Foreign Participants**	\$100	\$200

Submission Through Easy Chair:

<https://easychair.org/cfp/ICSISCET2019>

Website:

<http://icsiscet.mitsgwalior.in>

Coordinators

Dr. Manjaree Pandit & Dr. Laxmi Srivastava

Organizing Secretaries

Dr. Vijay Bhuria & Dr. Pratesh Jayaswal

Madhav Institute of Technology & Science,
Gwalior, 474005, MP, INDIA.
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PUBLISHING PARTNERS

The formal contract for publishing presented papers in “**Proceedings in Adaptation Learning & Optimization**” was signed on 28th August with **Springer Nature Switzerland**.

Based on relevance, extended versions of some papers are also expected to be published in book volume under Springer series “**Algorithms in Intelligent Systems**” after post conference review. Our other publication partners are **Inderscience publishers and IGI Global**.

Special issues on International Journal of Swarm Intelligence and using selected papers are also planned and will be compiled by their respective editors once the conference is over.

Extended versions of selected/registered/presented papers from the conference will be considered for review and potential publication in:

1. Edited Volume on “Advances in intelligent computing and sustainable engineering systems and practices”, AIS Series, Springer.
2. International Journal of Ambient Computing and Intelligence (IJACI), IGI, Global.
3. International Journal of Rough Sets and Data Analysis (IJRSDA), IGI, Global.
4. Special Issue of International Journal of Design Engineering, Inderscience on “Advanced design and manufacturing practices”.

Proposed Guest Editors: Dr. R.V. Rao, NIT Surat & Dr. Pratesh Jayaswal, MITS, Gwalior.

5. Special Issue of International Journal of Sustainable Design, Inderscience, on “Smart solutions for sustainable development and design”.

Proposed Guest Editors: Dr. R.K. Pandit & Dr. Manoj Gaur, MITS, Gwalior.

6. Special Issue of International Journal of Smart Grid and Green Communications, Inderscience, on “Networked Communication & Computing Technology”.

Proposed Guest Editors: Dr. Amritanshu Pandey, IIIT, Allahabad & Dr. Hari Mohan Dubey, MITS, Gwalior.

7. Special Issue of International Journal of swarm intelligence, Inderscience on “Solutions of real-world problems using state-of-the-art computational intelligence and machine learning tools”.

Proposed Guest Editors: Dr. Manjaree Pandit & Dr. Laxmi Srivastava, MITS, Gwalior.



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CONFERENCE TRACKS

Track 1. Smart Engineering Solutions for Sustainable infrastructure

Management of waste, reduction, conversion, disposal, recycling, reuse, harvesting, managing product lifecycle, pollution, disaster and risk management, asset management, sustainable architecture, built environment, sustainable building materials, green buildings, management of water system, sourcing & distribution, conservation, harvesting, waste disposal, reuse roads and transportation network, resilience of civil infrastructure, vulnerability, climate change

Track 2. Sustainable manufacturing practices and design

Mechatronics, avionics, robotics and automation, industrial and systems engineering, computer integrated manufacturing, intelligent and advanced manufacturing systems, advances in process Industries Intelligent control, robotics and mechatronics including human-machine teaming, Smart manufacturing, Industry 4.0 manufacturing (I4.0), data analytics, AI in industry, optimization techniques

Track 3. Innovative solutions for Power & Energy systems

Smart grid technologies, communication, control, power electronics, energy storage, demand control and response, storage technologies and batteries, information & communication technologies, new and renewable energy resources, challenges in grid integration, micro-grid technologies, role of power converters, energy efficient machines and drives, HVDC & FACTS technology, intelligent protective devices, high voltage engineering and insulation technology, power quality and energy efficient systems

Track 4. Sustainable Computing and Information Technology

Information Security, natural language processing, information security, data networks, wireless network and security, network management and traffic engineering, language technologies and information retrieval, computer systems organization and communication networks, information systems and communication service, software engineering and operating systems, management of computing and information systems, green IT, eco-friendly materials, cloud & grid computing, re-cycling and disposal of e-waste, environmental footprint, awareness drive, energy efficient data centre design, telecommuting, mobile computing, application security



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Track 5. Computational Intelligence & Machine learning.

Optimization techniques, system modelling and simulation fuzzy system, evolutionary computational methods, artificial neural network, Bayesian learning, hybrid intelligent systems, soft computing, smart computing, big-data ((collection, analyses and security), data mining, signal, image and video processing, robotics & computer vision, peer-to-peer computing

Track 6. Embedded Systems & VLSI Design

Embedded architectures, software and hardware, embedded cyber security and cryptography, real time operating systems, microcontrollers and applications, embedded machine learning, deep learning and artificial intelligence, Internet of things (IOT), sensors, computing, control, communication, IOT applications, medical electronics, block chain technology, drones, smart homes and devices, role of electronics in efficiency enhancement, automotive and industrial applications, automation & control, system on chip (SOC) & semiconductor technology

Track 7. Electronics and Communication Technology

Signal & image processing, communication control & networking, smart antenna & arrays, wireless communication, opportunistic networks, Ad-hoc networks GI – FI technology, RF circuits and systems, cognitive radio & spectrum sensing, signal processing, applications in biology and medicine, Nano electronics, Environmental assessment of electronic products, life cycle, re-cycling electronic waste, ecological footprint

Track 8. Societal Implications of Technology

Green & clean technologies, Innovative industrial processes, public health, project management engineering of sustainable solutions, implementation challenges for sustainable technologies, Smart Cities, ethics and professional responsibility, environmental protection laws and policies, sustainable development of resilient communities, social justice, entrepreneurship and innovation



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Track 9. Multidisciplinary Research & Practices

Diagnostic practices & biomedical devices engineering, nanotechnology, bioinformatics, biomedical engineering and applications, Intelligent transportation, electric & autonomous vehicles, V2G-G2V technology, aviation, motors, drive controls, batteries biotechnology, bio-sciences, mineral processing, ceramics, fluid dynamics, environmental science, materials science and thermodynamics, agriculture and food technology, nutrition, pharmacy and pharmaceuticals, Instrumentation and control, smart meters, sensor technologies, dynamic production planning and control, virtual instrumentation

Track 10: Advances in intelligent computing, sustainable engineering systems and practices.

Theory, applications, and design of intelligent systems and intelligent computing in engineering disciplines, natural sciences, computer and information science, ICT, economics, business, e-commerce, environment, healthcare, life science, fusion of computational paradigms, human-centered and human-centric computing, social intelligence, ambient intelligence, computational neuroscience, artificial life, virtual worlds and society, cognitive science and systems, DNA and immune based systems, self-organizing and adaptive systems, e-learning and teaching, recommender systems, knowledge-based paradigms, learning paradigms, machine ethics, Intelligent data analysis, knowledge management, intelligent agents, intelligent decision making and support, intelligent network security, trust management, interactive entertainment, web intelligence and multimedia.



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ADVISORY COMMITTEE MEMBERS

1. Dr. Daizhong Su, Nottingham Trent University Burton Street, Nottingham, U.K.
2. Dr. Joze Balic, University of Maribor Smetanova, Slovenia
3. Dr. J. Paulo Davim, University of Aveiro, Portugal
4. Dr. Felix T.S.Chan, The Hong Kong Polytechnic University, Hong Kong
5. Dr. Ajith Abraham, Machine Intelligence Research Labs, Washington, USA
6. Dr. P. N. Suganthan, Nanyang Technological University, Singapore
7. Dr. Duc T. Pham, University of Birmingham, Birmingham, UK
8. Dr. S. G. Deshmukh, Director, IIITM, Gwalior, India
9. Dr. Andrew Kusiak, University of Iowa, Iowa City, USA
10. Dr. D.P. Kothari, Former Director I/c, IIT, Delhi, India
11. Dr. Ali Cemal Benim, Duesseldorf University of Applied Sciences, Germany.
12. Dr. S. N. Singh, Vice Chancellor, MMM University, Gorakhpur, India
13. Dr. B.K. Panigrahi, IIT Delhi, India
14. PSG College of Technology, Coimbatore Tamil Nadu, INDIA
15. Prof. Aparajita Ojha, PDPM IIITDM Jabalpur, India
16. Prof. Shekhar Verma, IIIT Allahabad, India
17. Dr. Vikas Rastogi, Delhi Technological University (DTU), Delhi
18. Dr. C. Patvardhan, Dayalbagh Educational Institute, Dayalbagh, Agra
19. Dr. Kapil Sharma, Delhi Technological University (DTU), Delhi
20. Dr D.K. Chaturvedi, Dayalbagh Educational Institute (DEI), Agra, India
21. Dr. Lillie Dewan, NIT, Kurukshetra, India
22. Dr. Sumam Mary Idicula, Cochin University of Science and Technology, Cochin, India



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23. Dr. Surender Reddy Salkuti, Woosong University, Republic of Korea, South Korea
24. Dr. Amit Shrivastava, Delhi Technological University (DTU), Delhi
25. Dr. A.K. Saxena, Dayalbagh Educational Institute, Dayalbagh, Agra
26. Dr. S. C. Choube, UIT, RGPV, Bhopal, India
27. Prof. Shekhar Verma, IIIT Allahabad
28. Sandeep Gandhi, General Manager (QS) Tata Projects Ltd, India
29. Dr. R. K. Mishra, IIT, BHU, Varanasi, India
30. Ashutosh Chincholikar, Smart Controls India Ltd (Member Zeppelin Group), India
31. Dr. K.V. Arya, ABV-IIITM, Gwalior, India
32. Dr. Rajesh Kumar, Malaviya National Institute of Technology Jaipur, India
33. Dr. Aditya Trivedi, ABV-IIITM, Gwalior, India
34. Dr. H. M. Suryawanshi, VNIT, Nagpur, India
35. Dr. P.K. Singh, ABV-IIITM, Gwalior, India
36. Dr. Manohar Singh, Central Power Research Institute, Bengalure, India
37. Dr. M.M. Tripathi, Delhi Technological University (DTU), Delhi
38. Dr. Majid Jameel, Jamia Millia Islamia, New Delhi, India
39. Dr. Surekha Bhanot, BITS, Pilani, India
40. Dr. R. N. Sharma, NIT, Hamirpur, India



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PROGRAMME COMMITTEE MEMBERS

1. Dr. Harimohan Dubey MITS, Gwalior, India
2. Dr. Trapti Jain IIT Indore, India.
3. Dr. Jawar Singh IIIT, Patna
4. Dr. Pushpendra Singh Delhi Technological University (DTU), Delhi
5. Dr. Tripta Thakur MANIT, Bhopal, India
6. Dr. Abhishek Asthana Sheffield Hallam University, U.K.
7. Dr. Rolf Crook University of Leeds, U.K.
8. Dr. A.K. Wadhvani MITS, Gwalior, India
9. Dr. Rajesh Kumar Delhi Technological University (DTU), Delhi
10. Dr. R. S. Thakur MANIT Bhopal
11. Dr. C.S. Malvi MITS, Gwalior, India
12. Dr. Y.Kumar MANIT, Bhopal
13. Dr. Sonali Agarwal IIIT, Allahabad
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15. Prof. Perminderjit Singh Punjab Engineering College, Chandigarh, India
16. Dr. Kamal Raj Pardasani MANIT Bhopal
17. Dr. Arvind Jain NIT, Agartala
18. Dr. Debashis Chatterjee Jadavpur University, Kolkata, India.
19. Dr. Shailaja Kumari M. NIT, Warangal, India
20. Dr. P.K. Singhal MITS, Gwalior, India
21. Dr. Sanjay Tiwari MITS, Gwalior, India
22. Dr. Pratesh Jayaswal MITS, Gwalior, India
23. Dr. V. P. Vishwakarma GGSIPU, Delhi



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|-----|--------------------------|--|
| 24. | Dr. Geetam Singh Tomar | THDC Institute of Hydropower Engineering and Technology, Tehri, Uttarakhand, India |
| 25. | Dr. Anmol Ratan Saxena | NIT Delhi, New-Delhi, India |
| 26. | Dr. Himmat Singh Ahirwar | MITS, Gwalior, India |
| 27. | Dr. Adikanda Parida | Regional Institute of Science and Technology, Nirjuli, Arunachal Pradesh, India. |
| 28. | Dr. Sulochana Wadhvani | MITS, Gwalior, India |
| 29. | Dr. Rekha Gupta | MITS, Gwalior, India |
| 30. | Dr. D. K.Saini | University of Petroleum & Energy Studies, Dehradun, India |
| 31. | Dr. P.K. Singhal | MITS, Gwalior, India |
| 32. | Dr. R. Kansal | MITS, Gwalior, India |
| 33. | Dr. N.S. Raghava | Delhi Technological University (DTU), Delhi |
| 34. | Dr. S. K. Jain | MITS, Gwalior, India |
| 35. | Dr. Akhilesh Tiwari | MITS, Gwalior, India |
| 36. | Dr. Arvind Jain | NIT, Agartala, India |
| 37. | Dr. M. K. Trivedi | MITS, Gwalior, India |
| 38. | Dr. Nitin Mallik | The NorthCap University, Gurgaon, India |



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5. Dr. Mukhtiar Singh, Delhi Technological University, New Delhi India
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4. Dr. Manoj Gaur, MITS, Gwalior, India
5. Dr. Manish Dixit, MITS, Gwalior, India

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2. Dr. Vikram, MITS, Gwalior, India
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2. Mr. Rajesh Sharma, MITS, Gwalior, India
3. Mr. Devendra Singh, MITS, Gwalior, India
4. Mrs. Rajni Sharma, MITS, Gwalior, India
5. Mr. Vinod Sharma, MITS, Gwalior, India

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2. Mr Rajesh Tomar, MITS, Gwalior, India
3. Mr Deepak Soni, MITS, Gwalior, India
4. Mr. Baris Warsi, MITS, Gwalior, India
5. Mrs Priyanka Bhadoriya, MITS, Gwalior, India
6. Mr. Sanjay Aaroliya, MITS, Gwalior, India
7. Shri Mahavir Singh, MITS, Gwalior, India
8. Shri Bahadur Thapa, MITS, Gwalior, India
9. Shri Uttam Singh, MITS, Gwalior, India
10. Shri Gajendra Rajpoot, MITS, Gwalior, India
11. Shri Kaushalendra, MITS, Gwalior, India



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LIST OF INVITED SPEAKERS

1.	Technical Session-I	Dr. R. Venkata Rao	Topic: Metaheuristics: An Overview	Sardar Vallabhbhai National Institute of Technology, Surat, India
2.	Technical Session-II	Dr. M.H. Lim	Topic: Evolutionary Signed Graphs	Nanyang Technological University, Singapore
3.	Technical Session-III	Dr. Jagdish Chand Bansal	Topic: Computational Intelligence	South Asian University, New Delhi, India
4.	Expert Session-I	Dr. Sumantra Duttaroy	Topic: Why Wavelets?	Indian Institute of Technology, New Delhi, India
5.	Expert Session-II	Dr. Tripta Thakur	Topic: Future of Indian Electricity Market	Maulana Azad National Institute of Technology, Bhopal, India
6.	Expert Session-III	Dr. Arvind Jain	Topic: Machine Learning in Smart Grid	National Institute of Technology, Agartala, India
7.	Expert Session-IV	Mr. Ashutosh Chincholikar	Topic: Industries 4.0	Founder & Business Head, Smart Controls India Ltd., India
8.	Expert Session-V	Dr. Mukhtiar Singh	Topic: Internet of Things & Machine Learning	Delhi Technological University, Delhi, India
9.	Expert Session-VI	Dr. Ravi Nath Tripathi	Topic: Technological Aspects for Sustainable Future	Kyushu Institute of Technology, Japan
10.	Expert Session-VII	Dr. D.K. Chaturvedi	Topic: Renewable Energy and Challenges	Dayalbagh Educational Institute, Agra, India



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CONFERENCE SCHEDULE

DAY 1 [02-11-2019] - SATURDAY				Session and Timings
Registration Process/Distribution of Conference Kit				09:30 AM - 10:00 AM VENUE: Conference Hall
Inaugural Session In-Charge: Dr. Manish Dixit, Dr. Vijay Bhuria, Prof. Bhavna Rathore Session Team: Prof. Hemlata Arya, Mrs. Poonam Singh, Ms. Shradha Dubey, Ms. Priyanka Gupta, Ms. Ruchi Jayaswal				
Introduction to Conference Theme	Dr. Manjaree Pandit	Coordinator, ICSISCET-2019		Morning Session 10:00 AM - 11:15 AM VENUE: Conference Hall
Welcome Address	Dr. R.K. Pandit	Director, MITS, Gwalior, India		
Address by Guest of Honour	Er. Ramesh Agrawal	Secretary, Scindia Engineering College Society, Gwalior, India		
Address by Chief Guest	Shri Prashant Mehta	Former Director General, Academy of Administration, Bhopal, India		
Plenary Address	Dr. S.N. Singh	Vice Chancellor, Madan Mohan Malaviya University of Technology Gorakhpur, India		
Keynote Address	Dr. K.K. Aggarwal	Chairman, National Board of Accreditation, New Delhi, India		
TEA BREAK				11:15 AM - 11:30 AM
Techincal Session In-Charge: Prof. Bhavna Rathore, Mr. Nikhil Paliwal, Mrs. Poonam Singh				
Technical Session-I	Dr. R. Venkata Rao	Topic: Metaheuristics: An Overview	Sardar Vallabhbhai National Institute of Technology, Surat, India	Morning Session 11:30 AM - 01:30 PM VENUE: Conference Hall
Technical Session-II	Dr. M.H. Lim	Topic: Evolutionary Signed Graphs	Nanyang Technological University, Singapore	
Technical Session-III	Dr. Jagdish Chand Bansal	Topic: Computational Intelligence	South Asian University, New Delhi, India	
LUNCH				01:30 PM - 02:30 PM
Expert Session In-Charge: Prof. Bhavna Rathore, Mr. Nikhil Paliwal, Mrs. Poonam Singh				
Expert Session-I	Dr. Sumantra Duttaroy	Topic: Why Wavelets?	Indian Institute of Technology, New Delhi, India	Afternoon Session 02:30 PM - 03:15 PM VENUE: Conference Hall
Expert Session-II	Dr. Tripta Thakur	Topic: Future of Indian Electricity Market	Maulana Azad National Institute of Technology, Bhopal, India	Afternoon Session 03:15 PM - 04:00 PM VENUE: Conference Hall
TEA BREAK				04:00 PM - 04:15 PM



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Paper Presentation (Session - 1) : 02.11.2019				Afternoon Session 04:15 PM - 05:45 PM
Session Chair 1: Dr. Harish Sharma, RTU, Kota, India				
Session Chair 3: Dr. R.S. Jadon, MITS, Gwalior, India				
SESSION TEAM: Prof. Arun Kumar, Prof. Mir Shahnawaz Ahmad				
Paper ID: 56	Lav Upadhyay	Opinion Mining Using Natural Language Processing	MITS, Gwalior, India	VENUE: Conference Hall
Paper ID: 77	Abdul Alim	A Study on Sampling-Based Parameter Estimation Techniques in Big Data Analytics Environment	Dr. Harisingh Gour Vishwavidyalaya, Sagar, India	
Paper ID: 68	Punit Kumar Johari	Retrieval of Content-Based Images by Fuzzified HSV and Local Textural Pattern	MITS, Gwalior, India	
Paper Presentation (Session - 2) : 02.11.2019				Afternoon Session 04:15 PM - 05:45 PM
Session Chair 1: Dr. Jawar Singh, IIT Patna, India				
Session Chair 2: Dr. Sulochana Wadhvani, MITS, Gwalior, India				
SESSION TEAM: Prof. Nipun Gupta, Prof. Avinash Sharma				
Paper ID: 107	Salil Madhav Dubey	Combined Economic Emission Dispatch of Hybrid Thermal-PV System Using Artificial Bee Colony Optimization	MITS, Gwalior, India	
Paper ID: 109	Vikram Saini	Wiener System Identification Using Iterative Instrumental Variable Method	MITS, Gwalior, India	VENUE: Seminar Hall I
Paper ID: 133	Bhavna Rathore	A Comprehensive Study on AC Microgrid Control Strategies at Primary Control Level	MITS, Gwalior, India	
Paper ID: 74 ABSENT	Nitin Kumar Pal	Speed Control of 3- ϕ Induction Motor Using Partial order PID Controller	Jamia Millia Islamia, New Delhi, India	
Paper Presentation (Session - 3) : 02.11.2019				Afternoon Session 04:15 PM - 05:45 PM
Session Chair 1: Dr. Amritanshu Pandey, IIT-BHU, Varanasi, India				
Session Chair 2: Dr. Laxmi Shrivastava, MITS, Gwalior, India				
SESSION TEAM: Prof. Deep Kishore Parsediya, Prof. Pooja Sahoo				
Paper ID: 3	Poonam Parmar	Improvement in Side Lobe Reduction in FIR Filter Design Using Proposed Hybrid Blackman Window	MITS, Gwalior, India	
Paper ID: 76	Vikas Mahor	A Novel Meta-Material Based Micro-Strip Patch Antenna	MITS, Gwalior, India	VENUE: Seminar Hall II
Paper ID: 105	Utkarsh Chouksay, Omeshwari Dharpure	I-Bin: A Smart Segregator	MITS, Gwalior, India	
Paper ID: 126	Amritanshu Pandey	Analysis of Dispersion Characteristics of Helical Metal Clad and Graphene Clad Circular Core Step Index Fiber	Indian Institute of Technology (BHU), Varanasi, India	



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Paper Presentation (Session -4) : 02.11.2019				Afternoon Session 04:15 PM - 05:45 PM
Session Chair 1: Dr. Prashant Baredar, Centre for Energy Studies, MANIT, Bhopal, India				
Session Chair 2: Dr. Manoj Gaur, MITS, Gwalior, India				
SESSION TEAM: Ms Rishika Shah, Mr Pushpendra Singh				
Paper ID:	Name	Title	Institution	
16	Pushpendra Singh	A Review on Role of Solar Drying Technology in Sustainable Development	MITS, Gwalior, India	
17	Vikas Kumar Thakur	Role of Advance Solar Desalination Technique for Sustainable Development	MITS, Gwalior, India	
45	Anurendra Singh	Solar Cell Efficiency Enhancement Using Embedded Surface Plasmonic Nanoparticles in Various Medium	National Institute of Technology, Agartala	
85	Vikas Shukla	Improvement of Pavement Soil Subgrade using Industrial Waste: Cement Kiln Dust and Brick Kiln Dust	MITS, Gwalior, India	
86	Manish Bharadwaj	Schedule Compression of Construction Project: A Review	MITS, Gwalior, India	
Paper Presentation (Session -5) : 02.11.2019				Afternoon Session 04:15 PM - 05:45 PM
Session Chair 1: Dr. Mukhtiar Singh, Delhi Technological University, Delhi, India				
Session Chair 2: Dr. M.K. Trivedi, MITS, Gwalior, India				
Session Chair 3: Dr. Vikas Shinde, MITS, GWALIOR				
SESSION TEAM: Mrs. Rupali Parmar, Ms. Aditi Tiwari				
Paper ID:	Name	Title	Institution	
14	Shourabh Bhattacharya	Low Frequency Stochastic Electromagnetic Field Observed in the Ionosphere Possibly Associated with an Earthquake Activity	MITS, Gwalior, India	
28	Ravinder Sharma	Absolute Ionization Cross Sections of Hydrogen Chloride Gaseous Molecule by Electron Impact	Baba Mast Nath University, Rohtak, India	
21	Siddhartha Kosti	Effect of Reinforced Nano-Composites on AMC Solidification Curve	Rajkiya Engineering College, Atarra, Banda, UP, India	
90	Monisha Mridha Mandal	Immiscible Liquid-Liquid Flow in Coiled Tube	Guru Gobind Singh Indraprastha University, New Delhi, India	
DAY 2 [03-11-2019] - SUNDAY				
Expert Session In-Charge: Prof. Bhavna Rathore, Mr. Nikhil Paliwal, Mrs. Poonam Singh				
Expert Session	Name	Topic	Institution	Time & Venue
Expert Session-III	Dr. Arvind Jain	Machine Learning in Smart Grid	National Institute of Technology, Agartala, India	Morning Session 10:00 AM-10.30 AM VENUE: Conference Hall
Expert Session-IV	Mr. Ashutosh Chincholikar	Industries 4.0	Founder & Business Head, Smart Controls India Ltd., India	Morning Session 10:30 AM-11.00 AM VENUE: Conference Hall
Expert Session-V	Dr. Mukhtiar Singh	Internet of Things & Machine Learning	Delhi Technological University, Delhi, India	Morning Session 11:00 AM-11.30 AM VENUE: Conference Hall



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TEA BREAK				11:30 AM - 11:45 AM
Paper Presentation (Session -6) : 03.11.2019				Morning Session 11:45 AM - 01:15 PM VENUE: Conference Hall
Session Chair 1: Dr. G.L. Prajapati, DAVV, Indore India				
Session Chair 2: Dr. Akhilesh Tiwari, MITS, Gwalior, India				
SESSION TEAM: Prof. Arun Kumar, Prof. Mir Shahnawaz Ahmad				
Paper ID: 34	Sarla More	Group Systematic Lottery (GSL) Scheduling Scheme for Ready Queue Processing Time Estimation in Multi-processor Environment	Dr Harisingh Gour University Sagar, India	
Paper ID: 48	Bulbul Agrawal	Age Estimation and Gender Prediction Using Convolutional Neural Network	MITS, Gwalior, India	
Paper ID: 72	Garima Jain	Student e-Card Management System: A Modern-day Methodology to Handle Future's Technocrats	Swami Vivekanand Subharati University, Meerut, India	
Paper ID: 111	Aashi Singh Bhadouria	An Effective Framework for Enhancement of Hazed and Low-illuminated Images	MITS, Gwalior, India	
Paper ID: 135	Rajeev Goyal	Collaborative Filtering Techniques for Trust Prediction in Online Social Network	Amity University, Gwalior, India	
Paper ID: 69	Garima Jain	Persistent SMS Spam Riddling	Swami Vivekanand Subharti University, Meerut, India	
Paper Presentation (Session - 7) : 03.11.2019				Morning Session 11:45 AM - 01:15 PM VENUE: Seminar Hall I
Session Chair 1: Dr. Manisha Sharma, NIT, Hamirpur, India				
Session Chair 2: Dr. Shishir Dixit, MITS, Gwalior, India				
SESSION TEAM: Mrs. Rupali Parmar, Mr. Vinay Kumar Tatikayala				
Paper ID: 8	Kavita Sharma	Teaching Learning Based Optimization for Static and Dynamic Load Dispatch	MITS, Gwalior, India	
Paper ID: 43	Amit Yadav	Navigation, Guidance and Control System GPS based Autonomous Vehicle (AV)	Dayalbagh Education Institute, Agra, India	
Paper ID: 88	Khusboo Sharma	Short Term Hydrothermal Scheduling Using Bio-Inspired Computing: A Review	MITS, Gwalior, India	
Paper ID: 115	Sunita Shukla	Mixed Integer Differential Evolution Algorithm for Optimal Static/Dynamic Scheduling of a Microgrid with Mixed Generation	MITS, Gwalior, India	
Paper Presentation (Session - 8) : 03.11.2019				Morning Session 11:45 AM - 01:15 PM VENUE: Seminar Hall II
Session Chair 1: Dr. Binod K. Kanaujia, Jawaharlal Nehru University, New Delhi, India				
Session Chair 2: Dr. P. K. Singhal, MITS, Gwalior, India				
SESSION TEAM: Prof. Deep Kishore Parsediya, Prof. Pooja Sahoo				
Paper ID: 10	Priyanka	De-blurring Image Using Weiner Filter	MITS, Gwalior, India	
Paper ID: 25	Garima Sharma	An Efficient Performance of Enhanced Bellman-Ford Algorithm in Wireless Sensor Network Using K-Medoid Clustering	MITS, Gwalior, India	
Paper ID: 58	Prabhat Sharma	Implementation of Cryptography based Security algorithm on Vehicular Ad-Hoc Network	Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore, India	
Paper ID: 83	Anshul Agarwal	Wideband Crossed Dipole Antenna for Base Station Antenna	MITS, Gwalior, India	
Paper ID: 91	Ravi Jain	Numerical Investigation and Validation of Joukowski and NACA Aerofoils by k-epsilon Turbulence Model with High Reynolds Number in ANSYS-FLUENT	Government Engineering College, Bikaner, Rajasthan, India	
Paper ID: 102	Keshav Mishra	Power Allocation in OFDM Based Cognitive Radio Using Geometric Water-Filling Peak Power Algorithm	RGPV, Bhopal, India	
ABSENT				



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Paper Presentation (Session - 9) : 03.11.2019 Session Chair 1: Dr. Sanjay Agrawal, IGNOU, Delhi, India Session Chair 2: Dr. C.S. Malvi, MITS, Gwalior, India SESSION TEAM: Ms Rishika Shah, Mr Pushpendra Singh				Morning Session 11:45 AM - 01:15 PM VENUE: Seminar Hall III
Paper ID: 53	Vasu Pandey	Potential of Solar Panels for Small Electric Public Transport Vehicles/TUMTUMs	MITS, Gwalior, India	
Paper ID: 67	Shantanu Dubey, Krati Saxena	Urban Forests: Implementation Challenges and Opportunities of Sustainable Technologies	MITS, Gwalior, India	
Paper ID: 82	Prachi Sharma	A Review on Mechanisms of Turbulence Generation in Solar Corona	MITS, Gwalior, India	
Paper ID: 112	Rishika Shah	Role of Computational Fluid Dynamics in Sustainable Urban Built Environment: A Review	MITS, Gwalior, India	
Paper Presentation (Session - 10) : 03.11.2019 Session Chair 1: Dr. Mukhtiar Singh, Delhi Technological University, Delhi, India Session Chair 2: Dr. A.K. Wadhvani, MITS, Gwalior, India SESSION TEAM: Prof. Puneet Johari, Mr. Vimal Tiwari				Morning Session 11:45 AM - 01:15 PM VENUE: Conclave Centre
Paper ID: 31	Ruchin Agrawal	GIS and AHP Based Site Suitability Analysis for Desirable Obnoxious Facilities in Sultanpur District in India	Kamla Nehru Institute of Technology, Sultanpur, UP, India	
Paper ID: 33	Nishtha Vyas	An Improved Data Model for Blood Strain Analysis	P K University, Shivpuri, MP, India	
Paper ID: 89	Aastha Mishra	A Hybrid Approach To Decision Support Environment:Onto-DM-DSS Model	Dayalbagh Education Institute, Agra, India	
Paper ID: 93	Siddhartha Kosti	FDTM Modeling to Analyze Flow Circulation Inside a Lid-Driven Cavity	Rajkiya Engineering College, Atarra, Banda, UP, India	
Paper ID: 104	Rahul Baban Pawar	Optimal Weight Design of a Spur Gear Train using Rao Algorithms	S. V. National Institute of Technology, Surat, India	
LUNCH				01:15 PM - 02.00 PM
Expert Session In-Charge: Prof. Bhavna Rathore, Mr. Nikhil Paliwal, Mrs. Poonam Singh				
Expert Session-VI	Dr. Ravi Nath Tripathi	Topic: Technological Aspects for Sustainable Future	Kyushu Institute of Technology, Japan	Afternoon Session 02:00 PM - 02:45 PM VENUE: Conference Hall
Expert Session- VII	Dr. D.K. Chaturvedi	Topic: Renewable Energy and Challenges	Dayalbagh Educational Institute, Agra, India	Afternoon Session 02:45 PM - 03:30 PM VENUE: Conference Hall
TEA BREAK				03:30 PM- 4:00 PM



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Paper Presentation (Session - 11) : 03.11.2019				Afternoon Session 04:00 PM- 05:30 PM
Session Chair 1: Dr. R.S. Thakur, MANIT, Bhopal, India				
Session Chair 2: Dr. Sanjiv Sharma, MITS, Gwalior, India				
SESSION TEAM: Prof. Arun Kumar, Prof. Mir Shahnawaz Ahmad				
Paper ID: 30	Madhavi Dhingra	Malicious Attack Detection Utilizing Classification and Feature Selection Methods	Amity University, Gwalior, India	
Paper ID: 50 ABSENT	Sudipti Banerjee	An Approach for Rainfall Recognition using Artificial Neural Network	MITS, Gwalior, India	
Paper ID: 57	Divya Gautam	Pattern Based Detection and Mitigation of DoS Attacks in MANET using SVM-PSO	Amity University, Gwalior, India	
Paper ID: 80	Chandrika Dabariya	Development of Framework for Greenness Identification	MITS, Gwalior, India	
Paper ID: 106	Shradha Dubey	Image Enhancement Techniques: An Exhaustive Review	MITS, Gwalior, India	
Paper ID: 129	Samta Jain	Human emotion recognition in Human-Computer Interaction using Machine Learning Concepts and Fuzzy Techniques	Amity University, Gwalior, India	
Paper Presentation (Session - 12) : 03.11.2019				Afternoon Session 04:00 PM- 05:30 PM
Session Chair 1: Dr. Pradyumn Chaturvedi, VNIT, Nagpur, India				
Session Chair 2: Dr. Shishir Dixit, MITS, Gwalior, India				
SESSION TEAM: Prof. Nipun Gupta, Mr. Vinay Kumar Tatikayala				
Paper ID: 66	Manisha Sharma	Thermal Aging Analysis of Nomex Paper Solid Insulation Impregnated in Ester Insulation Oil for Possible Use in Transformer	National Institute of Technology, Hamirpur, India	
Paper ID: 108	Ramdev Rawat	Performance Evaluation of 30.5 kWp Grid-Tie Solar System Using PVsyst	MITS, Gwalior, India	
Paper ID: 119	Himmat Singh	NSGA-II based Reactive Power Management in Radial Distribution System Integrated with DGs	MITS, Gwalior, India	
Paper ID: 101	Nikhil Paliwal	PSO Based PID Controller Designing for LFC of Single Area Electrical Power Network	MITS, Gwalior, India	
Paper ID: 132	Mohit Mathuria	Stability Improvement In Power System Using Unified Power Flow Controller	MITS, Gwalior, India	
Paper ID: 130	Monika Agrawal	T-Type Multilevel Inverter Topology with Reduced Switch Count Using Different PWM Techniques	MITS, Gwalior, India	
				VENUE: Conference Hall
				VENUE: Seminar Hall I



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Paper Presentation (Session - 13) : 03.11.2019				Afternoon Session 04:00 PM-05:30 PM
Session Chair 1: Dr. Vijay Bhuria, MITS, Gwalior, India				
Session Chair 2: Dr. Manish Dixit, MITS, Gwalior, India				
SESSION TEAM: Prof. Deep Kishore Parseediya, Prof. Pooja Sahoo				
Paper ID: 27	Garima Nain	Wavelet Based Compression of Acne Face Images with Automatic Selection and Lossless Compression of Acne Affected Region	MITS, Gwalior, India	
Paper ID: 29	Deepak Batham	A Weight Function RSA Strategy Based on Path Length and Bandwidth Demand for Static Traffic in Elastic Optical Network	MITS, Gwalior, India	
Paper ID: 39	Juhi Afridi	A Two Variable Adjustable Window Function Approach to Design FIR Filter	MITS, Gwalior, India	
Paper ID: 59 ABSENT	Rovin Tiwari	Design and Analysis of Microstrip Patch Antenna Array for 5th Generation Applications	Amity University, Gwalior, India	
Paper ID: 110	Raj Kumar Singh	Human-Humanoid Interaction, Safety Measures and Regulations: An Overview	Institute of Engineering and Technology, Bundelkhand University, Jhansi, India	
Paper ID: 142	Himanshi Sharma	Comparative Analysis of Wideband Integrated Circular Slot and Dual Band Integrated Elliptical Slot Microstrip Patch Antenna for RF Energy Harvesting	MITS, Gwalior, India	
Paper ID: 143	Tanvi Agarwal	Identification of Urban and Water Areas from Polarimetric SAR Images using Thresholding Algorithm	MITS, Gwalior, India	
Paper Presentation (Session - 14) : 03.11.2019				Afternoon Session 04:00 PM-05:30 PM
Session Chair 1: Dr. K.V. Arya, ABV- IITM, Gwalior, India				
Session Chair 2: Dr. Rajiv Kansal, MITS, Gwalior, India				
SESSION TEAM: Ms. Aditi Tiwari, Mr. Kamal Sharma, Mr. Jay Singh				
Paper ID: 63	Jitendra Kumar	Exploring the Optimal Path for Supply Chain System using Queueing Model	MITS, Gwalior, India	
Paper ID: 100	Anupam Pathak	Optimization of EC variable for removal of Acid violet 17 dye	Guru Gobind Singh Indraprastha University, New Delhi, India	
Paper ID: 141	Anjula Gaur	A Study on Adsorptive Removal of Malachite Green Dye from Model Liquid Phase onto Activated Pongamia Pinnata Pod Powder: An Eco-Friendly Bioadsorbent	MITS, Gwalior, India	
Paper ID: 32	Abhishek Kumar Jaiswal	Supplementary Cementitious Material: An Elixir for Concrete	Gammon Engineers & Concs. Pvt. Ltd. and 9505-Elevated Highway Road Project, Ludhiana, India	
Paper ID: 103	Divyanka Banotra	Basic Dye Removal Using Fe ₃ O ₄ Magnetic Nano Composite	Guru Gobind Singh Indraprastha University, New Delhi, India	
Paper ID: 123	Ankit Dwivedi	Comparison between Electrical Activity in the Biceps and Forearm Muscles of the Cricket Fast Bowlers While Delivering Yorker and Bouncer Deliveries	MITS, Gwalior, India	
Paper ID: 137	Vikas Shinde	Improved Multi-Verse Optimizer for Numerical Optimization	MITS, Gwalior, India	



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Paper Presentation (Session - 15) : 03.11.2019 Session Chair 1: Dr. Amritanshu Pandey, IIT-BHU, Varanasi, India Session Chair 2: Dr. Hari Mohan Dubey, MITS, Gwalior, India SESSION TEAM: Prof. Avinash Sharma, Mr. Vimal Tiwari			
Paper ID: 124	Punjan Dohare	Laminar Airflow Computational Modelling in the Human Nasal Cavity	MITS, Gwalior, India
Paper ID: 125	Monika Saraswat	Non-Invasive Estimation of HRV Performance for Diabetes Mellitus with Cardiac Disorder on the Basis of Time-Frequency and Poincare Plot Analysis	MITS, Gwalior, India
Paper ID: 127	Rupali Parmar	Application of Elitist Teacher Learner based Optimization Algorithm for Congestion Management	MITS, Gwalior, India
Paper ID: 138	Vimal Tiwari	Smart Grid Communication: A Survey State-of-the Art	MITS, Gwalior, India
Paper ID: 140	Salil Madhav Dubey	Dynamic Scheduling of Energy Resources in Microgrid using Grey Wolf Optimization	MITS, Gwalior, India
Paper ID: 139	Poonam Singh	Optimization of Levelized Cost of Energy for Hybrid Renewable Energy System	MITS, Gwalior, India
Paper ID: 99 ABSENT	Ch. Divya	Application of MCDM Methods for Process Parameter Optimization in Turning Process -A Review	Vignan Foundation for Science Technology and Research, Vadlamudi, Guntur, Andhra Pradesh, India
Paper ID: 148 Shifted from Session 2	Mayank Pratap Singh	Bearing Fault Detection of Three Phase Induction Motor using Sound Signals	Dayalbagh Education Institute, Agra, India

**Afternoon
Session
04:00 PM-
05:30 PM**

**VENUE:
Seminar
Hall III**



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Paper Presentation (Session 16) Skype Presentation [03.11.2019] Session Chair 1: Dr. Arvind K Jain, National Institute of Technology, Agartala, India Session Chair 2: Dr. Pratesh Jayaswal, MITS, Gwalior, India Session Team: Dr. Vikram, Prof. Avinash Sharma			
Paper ID: 44 [SP]	Piyali Das	Performance Analysis of a Twin Rotor MIMO System Using Fuzzy Logic Controller	NERIST, Arunachal Pradesh, India
Paper ID: 121 [SP]	Tushar Kumar	Retail Market in India and its best practices:A Review on Initiatives and Challenges	Maulana Azad National Institute of Technology, Bhopal, India
Paper ID: 96 [SP]	Sanigdha Acharya	Electrochemical Treatment for Removal of Antibiotics from Pharmaceutical Effluent	Guru Gobind Singh Indraprastha University, New Delhi, India
Paper ID: 97 [SP]	Vinita Khandegar	Adsorptive Removal of Cadmium using Agro-residue	Guru Gobind Singh Indraprastha University, New Delhi, India
Paper ID: 84 [SP]	K Sneha	Automated Diagnosis of Optic Atrophy Using Empirical Wavelet Transform	Government Engineering College, Kozhikode, India
Paper ID: 18 [SP]	Himanshu Yadav	Type-1 type Fuzzy Logic Controller for Load Frequency Control (LFC) in Single-Area Power Plant	Rajasthan Technical University, Kota, Rajasthan, India
Paper ID: 118 [SP]	Hitesh Joshi	Modeling and Control of Wind Energy System with PMSG using Maximum Power Tracking	G.B. Pant University of Agriculture & Technology, Pantnagar, India
Paper ID: 60 [SP]	Sunil Kumar	Performance Analysis of Single Gate Strained Si Si-Ge on Insulator MOSFET in TCAD	University Institute of Engineering and Technology, Panjab University, Punjab, India
Paper ID: 113 [SP]	Emmanuel Ndidi Osegi	A Smart Grid Technique for Dynamic Load Prediction in Nigerian Power Distribution Network	National Open University of Nigeria, Nigeria
Paper ID: 35 [SP]	Ashwini M Joshi	Hybrid Model for Public Opinion Identification: A Machine Learning Approach	SGBAU, Amaravati, Maharashtra, India

**Morning
Session
11:45 AM -
02:15 PM**

**VENUE:
EE Computer
Lab**



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LIST OF REVIEWERS

1.	Dr. Amritanshu Pandey	IIT-BHU, Varanasi, India
2.	Dr. Manisha Sharma	NIT, Hamirpur, India
3.	Dr Rajeev Gupta	MNNIT, Allahabad, India
4.	Dr Nitin Malik	NorthCap University, Gurgaon, India
5.	Dr. Chandra Shekhar Malvi	MITS, Gwalior, India
6.	Prof. G K Naveen Kumar	MITS, Gwalior, India
7.	Dr. Anshu Chaturvedi	MITS, Gwalior, India
8.	Prof. Punit Kumar Johari	MITS, Gwalior, India
9.	Dr. Manoj Trivedi	MITS, Gwalior, India
10.	Dr. Sunita Sharma	MITS, Gwalior, India
11.	Dr. Laxmi Srivastava	MITS, Gwalior, India
12.	Dr. M. K. Gaur	MITS, Gwalior, India
13.	Dr Chetan Sharma	MITS, Gwalior, India
14.	Dr. A. K. Wadhvani	MITS, Gwalior, India
15.	Prof. Almas Siddiqui	MITS, Gwalior, India
16.	Dr. Akhilesh Tiwari	MITS, Gwalior, India
17.	Dr. S.K. Jain	MITS, Gwalior, India



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18.	Dr. Pratesh Jayaswal	MITS, Gwalior, India
19.	Dr. Himmat Singh Ahirwar	MITS, Gwalior, India
20.	Dr. Shishir Dixit	MITS, Gwalior, India
21.	Dr. Sanjiv Sharma	MITS, Gwalior, India
22.	Prof. Vishal Chaudhary	MITS, Gwalior, India
23.	Dr. Manjaree Pandit	MITS, Gwalior, India
24.	Mr. Nikhil Paliwal	MITS, Gwalior, India
25.	Dr. Rakesh Singh Jadon	MITS, Gwalior, India
26.	Mr. Anish P. Jacob	MITS, Gwalior, India
27.	Swati Gupta	MITS, Gwalior, India
28.	Mr. Shubham Sharma	MITS, Gwalior, India
29.	Mr. Avinash Sharma	MITS, Gwalior, India
30.	Prof. Bhavna Rathore	MITS, Gwalior, India
31.	Mr. A. K. Saxena	MITS, Gwalior, India
32.	Dr. Vikram	MITS, Gwalior, India
33.	Dr. D.K. Jain	MITS, Gwalior, India
34.	Dr. Anjula Gaur	MITS, Gwalior, India
35.	Dr. Hari Mohan Dubey	MITS, Gwalior, India



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EXTERNAL SESSION CHAIR

1. Dr. Harish Sharma, RTU, Kota, India
2. Dr. Jawar Singh, IIT Patna, India
3. Dr. Amritanshu Pandey, IIT-BHU, Varanasi, India
4. Dr. Prashant Baredar, Centre for Energy Studies, MANIT, Bhopal, India
5. Dr. G.L. Prajapati, DAVV, Indore India
6. Dr. Manisha Sharma, NIT, Hamirpur, India
7. Dr. Binod K. Kanaujia, Jawaharlal Nehru University, New Delhi, India
8. Dr. Sanjay Agrawal, IGNOU, Delhi, India
9. Dr. Mukhtiar Singh, Delhi Technological University, Delhi, India
10. Dr. R.S. Thakur, MANIT, Bhopal, India
11. Dr. Pradyumn Chaturvedi, VNIT, Nagpur, India
12. Dr. K.V. Arya, ABV– IIITM, Gwalior, India
13. Dr. Arvind K Jain, National Institute of Technology, Agartala, India.



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INTERNAL SESSION CHAIR

1. Dr. R.S. Jadon, MITS, Gwalior, India
2. Dr. Sulochana Wadhvani, MITS, Gwalior, India
3. Dr. Laxmi Shrivastava, MITS, Gwalior, India
4. Dr. Manoj Gaur, MITS, Gwalior, India
5. Dr. Vikas Shinde, MITS, GWALIOR
6. Dr. M.K. Trivedi, MITS, Gwalior, India
7. Dr. Akhilesh Tiwari, MITS, Gwalior, India
8. Dr. Shishir Dixit, MITS, Gwalior, India
9. Dr. P. K. Singhal, MITS, Gwalior, India
10. Dr. C.S. Malvi, MITS, Gwalior, India
11. Dr. A.K. Wadhvani, MITS, Gwalior, India
12. Dr. Sanjiv Sharma, MITS, Gwalior, India
13. Dr. Vijay Bhuria, MITS, Gwalior, India
14. Dr. Manish Dixit, MITS, Gwalior, India
15. Dr. Rajiv Kansal, MITS, Gwalior, India
16. Dr. Hari Mohan Dubey, MITS, Gwalior, India
17. Dr. Pratesh Jayaswal, MITS, Gwalior, India



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SESSION CONDUCTION TEAM MEMBERS

1. Prof. Arun Kumar, MITS, Gwalior, India
2. Prof. Mir Shahnawaz Ahmad, MITS, Gwalior, India
3. Prof. Nipun Gupta, MITS, Gwalior, India
4. Prof. Avinash Sharma, MITS, Gwalior, India
5. Prof. Deep Kishore Parsediya, MITS, Gwalior, India
6. Prof. Pooja Sahoo, MITS, Gwalior, India
7. Ms Rishika Shah, MITS, Gwalior, India
8. Mr Pushpendra Singh, MITS, Gwalior, India
9. Mrs. Rupali Parmar, MITS, Gwalior, India
10. Ms. Aditi Tiwari , MITS, Gwalior, India
11. Mr. Vinay Kumar Tatikayala, MITS, Gwalior, India
12. Prof. Puneet Johari, MITS, Gwalior, India
13. Mr. Vimal Tiwari, MITS, Gwalior, India
14. Mr. Kamal Sharma, MITS, Gwalior, India
15. Mr. Jay Singh, MITS, Gwalior, India
16. Dr. Vikram, MITS, Gwalior, India
17. Ms. Shradha Dubey, MITS, Gwalior, India
18. Ms. Priyanka Gupta, MITS, Gwalior, India
19. Ms. Ruchi Jayaswal, MITS, Gwalior, India



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GUIDELINES FOR SESSION CHAIRS

1. Internal session chair is requested to arrange one laptop for the session.
2. Internal session chairs are requested to take care of the external chair and ensure that they are getting proper hospitality etc.
3. **Please clearly announce in the session that papers which are (i) not formatted in Springer Format that was provided to them & (ii) not revised based on previous and present reviewer/session chair comments may not be published in the Springer Proceeding.**
4. The papers scheduled in your session will be mailed to you along with reviewer comments.
5. Please go through these papers once to find any major discrepancies and report such issues in your comments and also ask the authors during the session to correct these issues. (This will be very helpful in post conference review and further publishing of proceedings in Springer PALO)
6. At the beginning of the session time is to be allotted to authors for presentation and question/answer.
7. Each author must get minimum 15 minutes; however more time can be given if session chairs feel the need.
8. Written & signed review comments (general, brief) for each paper to be prepared and to be handed over to the session team.
9. Session Chair(s) will sum up the session with a brief address.
10. Internal Session chair will give mementoes & kit to the External Session chair.



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GUIDELINES FOR SESSION CONDUCTION TEAM

1. Taking attendance/signature of authors at the beginning of the session (data will be provided by the Registration Team)
2. Asking authors to check all their details and e mail id carefully.
3. Search and prepare a short biography of both Session Chairs and read it before the beginning of the session and introduce the Session Chairs.
4. Assisting the Session Chairs in session conduction by setting alarms/using bells to monitor adherence to time limits by authors. However, if Session Chairs feel, more time can be given.
5. Awarding e-certificates to all authors at the end of the session. **Attendance for all authors is compulsory during the full session.**
6. Awarding e-certificates to external session chair after session ends
7. If possible the certificates may be projected on the screen and photos of authors may be taken with session chair, session team & certificate on screen.
8. At the end of session mementoes & conference kit to be given to the external session chair by internal session chair. (please coordinate with registration team)
9. Preparing a brief report (of about 500 words) on the session and submit it to the organizing team.



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SESSION CONDUCTION SUMMARY (SESSION 1-16)

Session	Accepted/Scheduled Papers	Presented Papers
1.	3	3
2.	4	3
3.	4	4
4.	5	5
5.	4	4
6.	6	6
7.	4	4
8.	6	5
9.	4	4
10.	5	5
11.	6	5
12.	6	6
13.	7	6
14.	7	7
15.	8	7
16.	10	10
	Total = 89	Total =84



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REPORT: SESSION 6 (SAMPLE)

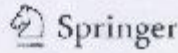
SAMPLE SCHEDULE			
Paper Presentation (Session -6) : 03.11.2019			
Session Chair 1: Dr. G.L. Prajapati, DAVV, Indore India			
Session Chair 2: Dr. Akhilesh Tiwari, MITS, Gwalior, India			
SESSION TEAM: Prof. Arun Kumar, Prof. Mir Shahnawaz Ahmad			
Paper ID: 34	Sarla More	Group Systematic Lottery (GSL) Scheduling Scheme for Ready Queue Processing Time Estimation in Multi-processor Environment	Dr Harisingh Gour University Sagar, India
Paper ID: 48	Bulbul Agrawal	Age Estimation and Gender Prediction Using Convolutional Neural Network	MITS, Gwalior, India
Paper ID: 72	Garima Jain	Student e-Card Management System: A Modern-day Methodology to Handle Future's Technocrats	Swami Vivekanand Subharati University, Meerut, India
Paper ID: 111	Aashi Singh Bhadouria	An Effective Framework for Enhancement of Hazed and Low-illuminated Images	MITS, Gwalior, India
Paper ID: 135	Rajeev Goyal	Collaborative Filtering Techniques for Trust Prediction in Online Social Network	Amity University, Gwalior, India
Paper ID: 69	Garima Jain	Persistent SMS Spam Riddling	Swami Vivekanand Subharti University, Meerut, India



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Session 6 Report

[Compiled by Session Team]

The session was chaired by Dr. G.L. Prajapati (Prof. & head, Computer Engg. at IET, DAVV, Indore) and Dr. Akhilesh Tiwari (Prof. & head Dept. of CSE & IT MITS Gwalior). The session presentations were very much informative & had got of fine technical & experimental calculations & observations. The discussions between Authors & session chairs was interactive & rigorous. The topics discussed by different authors were advanced and informative & were included in machine learning, Data Analytics, Neural networks & image processing. The topics discussed had multidimensional Applications in various fields & include age estimation, gender prediction, Lottery scheduling, image enhancement & Trust Prediction etc. In total there were six presentations scheduled & all were present. The authors were from various institutes like Dr. Harisingh Gaur University Sagar, Swami Vivekanand Subharti University Meerut, Amity University Gwalior & MITS Gwalior.

Name of Session Team Members	Signature
1. Mr. Sahrawaj Ahmad	
2. Arun Kumar	
3.	



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Science: conference Hall

Madhav Institute of Technology & Science, Gwalior, India

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(ICISCEET - 2019) Session Attendance

****I have checked the spellings and accuracy of the following important information and Email ID related to my paper**

S.No.	Session	Paper ID	Author Name	Title	Institute Name	Email ID	**Signature
24	6	34	Santa More	Group Systematic Latency (GSL) Scheduling Scheme for Ready Queue Processing Time Estimation in Multi-processor Environment	Dr. Lansingh Gour University Sagar, India	santamorc@gmail.com	<i>Santa More</i>
25	8	48	Dulbu Agrawal	Age Estimation and Gender Prediction Using Convolutional Neural Network	MITG, Gwalior, India	bulbulag04@gmail.com	<i>Dulbu</i>
26	8	72	Garima Jain	Student e-Card Management System: A Modern-day Mathematics to Handle Future's Technocrats	Swami Vivekanand Subharti University, Meerut, India	jaingarima2011@gmail.com	<i>Garima</i>
27	5	111	Aashi Singh Bhatnagar	An Effective Framework for Enhancement of Hazed and Low-Illuminated Images	MITG, Gwalior, India	aashisingh1910@gmail.com	<i>Aashi</i>
28	6	135	Rajesh Coyal	Collaborative Filtering Techniques for Trust Prediction in Online Social Network	Amity University, Gwalior, India	rcoyal@gwa.amity.edu	<i>Rajesh</i>
29	6	59	Garima Jain	Persistent SMS Spam Blocking	Swami Vivekanand Subharti University, Meerut, India	jaingarima2011@gmail.com	<i>Garima</i>



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Paper Presentation (Session -6) : 03.11.2019 Session Chair 1: Dr. G.L. Prajapati, DAVV, Indore India Session Chair 2: Dr. Akhilesh Tiwari, MITS, Gwalior, India SESSION TEAM: Prof. Arun Kumar, Prof. Mir Shah Nawaz Ahmad		Session Chair's Comments
Title: Group Systematic Lottery (GSL) Scheduling Scheme for Ready Queue Processing Time Estimation in Multi-processor Environment Author's Name: Sarita More Affiliation: Dr. Harisingh Gour University Sagar, India	Comments by Editors and Reviewers: 1. Grammatical mistakes to be carefully corrected. 2. Equations should be properly formatted and numbered. 3. A few latest references from standard journals must be included and discussed. 4. Similarity indeed even after updating by author is still 29%. For inclusion in proceeding this must be compulsorily below 20% 5. Enclosed springer template must be strictly followed for formatting and style 6. Conclusion is not available. 7. Use equation editor for equation. Please write equation number. 8. More Details are required for defining numerical illustration. 9. All ref used in paper are not cited 10. Cite all ref in ascending order 11. Equation used is not visible properly 12. All eq used in paper must be numbered 13. Conclusion is missing	<p>It does not seem any original contribution is accept as a scientific paper; Author has just prepared a notes. No justification analysis is provided regarding the proposed method.</p>
Paper ID: 34 Certificate ID: 34	Signature <i>[Signature]</i> Dr. G.L. Prajapati	



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<p align="center">Paper Presentation (Session -6) : 03.11.2019 Session Chair 1: Dr. G.L. Prajapati, DAVV, Indore India Session Chair 2: Dr. Akhilesh Tiwari, MITS, Gwalior, India SESSION TEAM: Prof. Arun Kumar, Prof. Mir Shahnawaz Ahmad</p>		<p>Session Chair's Comments</p> <p><i>Author has tried to learn the area, but considering as a scientific contribution does not seem ok.</i></p>
<p>Title: Age Estimation and Gender Prediction Using Convolutional Neural Network</p> <p>Author's Name: Bulbul Agrawal</p>	<p>Comments by Editors and Reviewers:</p> <ol style="list-style-type: none"> All the references should be cited using square brackets in the paper in the same order as they are listed in the reference section. Figures 2,5,6 can be easily drawn. Quality of scanned images is poor. Give full forms of all abbreviations, at first use. How many features are there in the dataset, i.e. dimension of the input vector? 62K+ images but features? What is the architecture of network used? 	<p><i>[Signature]</i> Signature (Dr. G. L. Prajapati)</p>
<p>Paper ID: 48</p> <p>Certificate ID: 48</p>	<p>Affiliation: MITS, Gwalior, India</p>	



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**AICTE Sponsored International Conference on
Sustainable and Innovative Solutions for Current Challenges in Engineering & Technology
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2-3 November, 2019**

<p align="center">Paper Presentation (Session -6) : 03.11.2019 Session Chair 1: Dr. G.L. Prajapati, DAVV, Indore India Session Chair 2: Dr. Akhilesh Tiwari, MITS, Gwalior, India SESSION TEAM: Prof. Arun Kumar, Prof. Mir Shah Nawaz Ahmad</p>		<p>Session Chair's Comments</p> <p><i>Length of the paper is not matching with the contribution.</i></p> <p><i>Author has just collected the information for various source like webes.</i></p> <p><i>No original contribution.</i></p> <p><i>It can not be considered as scientific paper.</i></p>
<p>Title: Student e-Card Management System: A modern-day methodology to handle future's Technocrats</p>	<p>Comments by Editors and Reviewers:</p> <ol style="list-style-type: none"> Title should be corrected as "Student e-Card Management System: A modern-day methodology to handle future's technocrats" Each figure should be explained in paper. A few latest references in springer format to be included. Paper should be formatted using springer template provided on website Abstract is too much long abbreviations are needed. 	<p>Signature <i>[Signature]</i> 3/11/2019</p> <p><i>(Dr. G. L. Prajapati)</i></p>
<p>Author's Name: Garima Jain</p>	<p>Affiliation: Swami Vivekanand Subharati University, Meerut</p>	
<p>Paper ID: 72</p>	<p>Certificate ID: 72</p>	



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<p>Title: An Effective Framework for Enhancement of Hazed and Low-illuminated Images</p> <p>Author's Name: Aashi Singh Bhadouria</p>	<p>Comments by Editors and Reviewers:</p> <ol style="list-style-type: none"> Table 1 Page 7: Many methods are shown in table i.e. JED, SRIE, LECARM, Fusion etc. These methods should be described and rearrange table data in proper readable form. Table 1 Page 8,9: Table data is missing Result analysis: Add more results to clarify and justify the proposed method. Result Analysis: Result shown in manuscript are inconclusive, make results more precise and justifiable 	<p>paper looks like a classmate notebook instead of a paper. Information collected from various sources and compiled at one place. As there is no original contribution seen, it can't be considered as a scientific paper.</p>
<p>Paper ID: 111</p> <p>Certificate ID: 111</p>	<p>Affiliation: MITS, Gwalior, India</p>	<p>Signature [Signature] (Dr. G.L. Prajapati)</p>



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<p>Title: Collaborative filtering Techniques for Trust Prediction in Online Social Network</p> <p>Author's Name: Rajeew Goyal</p>	<p>Comments by Editors and Reviewers:</p> <ol style="list-style-type: none"> 1. How collaborative filtering techniques are being applied. 2. Formatting is required as per the stringer conference proceeding. 3. Do not use short form directly i.e OSN. writing for the first time as Online Social Network(OSN) then use short form in remaining paper. 4. Put caption above the table 5. Numbering of equation are missing here .number them in ascending order. 6. Cite ref care fully, only 13 ref in there in the paper but ref 14 is cited here (ref section 1.8) 	<p>Theoretical Analysis is absent hence there is no way to find the soundness of experimental result. Hence it cannot be considered as a contribution.</p>
<p>Paper ID: 135</p> <p>Certificate ID: 135</p>	<p>Affiliation: Amity University Madhya Pradesh, Gwalior (MP)</p>	<p>Signature <i>[Signature]</i> 3/11/2019 (Dr. G. L. Prajapati)</p>



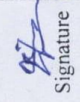
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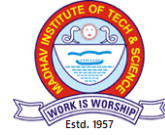
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Paper Presentation (Session - 6) : 02.11.2019
Session Chair 1: **Dr. Harish Sharma, RTU, Kota, India**
Session Chair 2: **Prof. Deepak Garg, Benet University, Gr. Noida, India**
Session Chair 3: **Dr. R.S. Jadon, MITS, Gwalior, India**
SESSION TEAM: Prof. Arun Kumar, Prof. Mir Shah Nawaz Ahmad

Paper ID: 69 Certificate ID: 69 Title: Persistent SMS Spam Riddling Author's Name: Garima Jain Affiliation: Swami Vivekanand Subharti University, Meerut, India	Comments by Editors and Reviewers: 1. Paper needs to do major revisions if it is to be published in Springer proceeding. 2. Title of paper must be corrected. No word should be repeated, semi colon also not permitted. 3. Some latest references from standard publications must be included. 4. Some figures (3,4,7,8 .etc) do not have x axis-y axis labels in graphs. 5. Formatting has to be according to springer template. Subsection should be numbered. 6. The paper is poorly written and it cannot be understood by non specialists. 7. Length of abstract is too large and it does not provide an accessible summary of the paper. 8. The figures are not complete and not clear enough to read. 9. Data presented in manuscript is outdated that should be replaced with more recent ones. 10. The references list needs to be updated and must be rearranged according to Springer Conference Proceedings. 11. OUTLINE is not required, must not be present in manuscript. 12. Cite figures if it has been taken from another source. 13. Formatting of manuscript should be according to Springer Conference Proceedings.	Session Chair's Comments Not suitable for the Springer Proceedings. No contribution in the paper. looks like notes.
	Signature  (Dr. L. Prasad)	



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<p>Title: Group Systematic Lottery (GSL) Scheduling Scheme for Ready Queue Processing Time Estimation in Multi-processor Environment</p>	<p>Author's Name: Sarla More</p> <p>Affiliation: Dr Harisingh Gour University Sagar, India</p>	<p>Comments by Editors and Reviewers:</p> <ol style="list-style-type: none"> Grammatical mistakes to be carefully corrected. Equations should be properly formatted and numbered. A few latest references from standard journals must be included and discussed. Similarity indeed even after updating by author is still 29%. For inclusion in proceeding this must be compulsorily below 20% Enclosed springer template must be strictly followed for formatting and style Conclusion is not available. Use equation editor for equation. Please write equation number. More Details are required for defining numerical illustration. All ref used in paper are not cited Cite all ref in ascending order Equation used is not visible properly All eq used in paper must be numbered Conclusion is missing
<p>Paper ID: 34</p> <p>Certificate ID: 34</p>		

(Dr. Akhilesh Tiwari)



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<p>Title: Age Estimation and Gender Prediction Using Convolutional Neural Network</p> <p>Author's Name: Bulbul Agrawal</p>	<p>Comments by Editors and Reviewers:</p> <ol style="list-style-type: none"> All the references should be cited using square brackets in the paper in the same order as they are listed in the reference section. Figures 2,5,6 can be easily drawn. Quality of scanned images is poor. Give full forms of all abbreviations, at first use. How many features are there in the dataset, i.e dimension of the input vector? 62K+ images but features? What is the architecture of network used? 	<p>Paper ID: 48</p> <p>Certificate ID: 48</p> <p>Affiliation: MITS, Gwalior, India</p>



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<p>Title: Student e-Card Management System: A modern-day methodology to handle future's Technocrats</p>	<p>Comments by Editors and Reviewers:</p> <ol style="list-style-type: none"> Title should be corrected as "Student e-Card Management System: A modern-day methodology to handle future's technocrats" Each figure should be explained in paper. A few latest references in Springer format to be included. Paper should be formatted using Springer template provided on website Abstract is too much long abbreviations are needed 	<p align="right">Signature</p> <p align="center"><i>(Dr. Akhilesh Tiwari)</i></p>
<p>Author's Name: Garima Jain</p>	<p>Affiliation: Swami Vivekanand Subharati University, Meerut</p>	
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<p>Title: An Effective Framework for Enhancement of Hazed and Low-illuminated Images</p> <p>Author's Name: Aashi Singh Bhadouria</p>	<p>Comments by Editors and Reviewers:</p> <ol style="list-style-type: none"> Table 1 Page 7: Many methods are shown in table i.e. JED, SRIE, LECARM, Fusion etc. These methods should be described and rearrange table data in proper readable form. Table 1 Page 8,9: Table data is missing Result analysis: Add more results to clarify and justify the proposed method. Result Analysis: Result shown in manuscript are inconclusive, make results more precise and justifiable 	<p>— It's a basic paper</p> <p>— No novel method or even improved version of method has been said.</p> <p>— Fig 3-2, the word flow graphs may be replaced with <u>work-flow</u>.</p> <p>— Source source citation of fig. 1 & 2. is required.</p> <p>— may be concluded with derivation</p> <p align="right">  03.11.19 Signature </p>
<p>Paper ID: 111</p> <p>Certificate ID: 111</p> <p>Affiliation: MITS, Gwalior, India</p>		

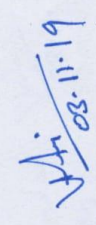
(Dr. Akhilesh Tiwari)



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<p>Title: Collaborative filtering Techniques for Trust Prediction in Online Social Network</p> <p>Author's Name: Rajeev Goyal</p>	<p>Comments by Editors and Reviewers:</p> <ol style="list-style-type: none"> How collaborative filtering techniques are being applied. Formatting is required as per the stringer conference proceeding. Do not use short form directly i.e OSN. writing for the first time as Online Social Network(OSN) then use short form in remaining paper. Put caption above the table Numbering of equation are missing here . number them in ascending order. Cite ref care fully, only 13 ref in there in the paper but ref 14 is cited here (ref section 1.8) 	<p>- In eq. no. 4, 5, some notations are missing (not visible) in the soft copy of paper.</p> <p>- Same problem exist in eq 7 & almost in every eqs.</p> <p>- Discussion & text part may be combined with the Section 5.</p> <p>- Analysis & Illustration is missing</p> <p align="right">  03.11.19 Signature (Dr. Akhilesh Tiwari) </p>
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Paper Presentation (Session - B) : 02.11.2019
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Session Chair 2: Prof. Deepak Garg, Bennett University, Gr. Noida, India & **Dr. Akhilesh Tiwari, M.T.S. Gwalior, India**
Session Chair 3: Dr. R.S. Jaden, MITS, Gwalior, India
SESSION TEAM: Prof. Arun Kumar, Prof. Mir-Shahnawaz Ahmad

Title: Persistent SMS Spam Riddling Author's Name: Garima Jain Paper ID: 69 Certificate ID: 69 <i>Meer</i>	Comments by Editors and Reviewers: 1. Paper needs to do major revisions if it is to be published in Springer proceeding. 2. Title of paper must be corrected. No word should be repeated, semi colon also not permitted. 3. Some latest references from standard publications must be included. 4. Some figures (3,4,7,8 ..etc) do not have x axis-y axis labels in graphs. 5. Formatting has to be according to springer template. 6. Subsection should be numbered. 7. The paper is poorly written and it cannot be understood by non specialists. 8. Length of abstract is too large and it does not provide an accessible summary of the paper. 9. The figures are not complete and not clear enough to read. 10. Data presented in manuscript is outdated that should be replaced with more recent ones. 11. The references list needs to be updated and must be rearranged according to Springer Conference Proceedings. 12. OUTLINE is not required, must not be present in manuscript. 13. Cite figures if it has been taken from another source. 14. Formatting of manuscript should be according to Springer Conference Proceedings.	Session Chair's Comments - Title has not been corrected. - NO significant contribution & novelty raised in the paper. - Source of fig. not mentioned. - 1-2 zero potential paper for inclusion in the proceeding - Corrections suggested by reviewers have not been incorporated. - Not Recommended for Springer proceeding. Date: Akhilesh Tiwari Signature 03.11.19
	Title: Persistent SMS Spam Riddling Author's Name: Garima Jain Affiliation: Swami Vivekanand Subharti University, Meerut, India	



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PHOTOGRAPHS & MEDIA COVERAGE

एमआईटीएस में कॉन्फ्रेंस कल से, देश-विदेश के फैकल्टी एवं रिसर्च स्कॉलर भाग लेंगे

पीपुल्स संवाददाता • ग्वालियर

editor@peoplesamachar.co.in

माधव इंस्टीट्यूट ऑफ टेक्नोलॉजी एंड साइंस (एमआईटीएस) और एआईसीटीई के तत्वाधान में 2 एवं 3 नवंबर को इंटरनेशनल कॉन्फ्रेंस ऑन सस्टेनेबल एंड इनोवेटिव सॉल्यूशंस फॉर करंट चैलेंजस इन इंजीनियरिंग एंड टेक्नोलॉजी पर दो दिवसीय इंटरनेशनल कॉन्फ्रेंस आयोजित होने जा रही है। कार्यक्रम के मुख्य अतिथि पूर्व डायरेक्टर जनरल एकेडमी आफ एडमिनिस्ट्रेशन प्रशांत मेहता हैं, विशिष्ट अतिथि सिंधिया इंजीनियरिंग कॉलेज सोसायटी के सचिव रमेश अग्रवाल हैं। कार्यक्रम में एनबीए के चेयरमैन प्रो. केके अग्रवाल वक्तव्य देंगे। संस्थान के पीआरओ प्रो. मनीष दीक्षित ने बताया कि प्रोग्राम में विभिन्न प्रदेशों से एक्सपर्ट प्रोफेसर अपने विचार एवं रिसर्च

की नई तकनीकी से प्राध्यापकों एवं विद्यार्थियों को परिचित कराएंगे। मुख्य तौर पर डॉ. आर वेंकट राव एनआईटी सूरत, डॉ. एमएचलिम एनटीयू सिंगापुर, डॉ. जगदीश चंद्र बंसल साउथ एशियन यूनिवर्सिटी न्यू दिल्ली, डॉ. सुमंत्रा दत्ता रावआई आई टी दिल्ली, डॉ. रिचा ठाकुर एमएनआईटी भोपाल, डॉ. अरविंद जैन एनआईटी अगरतला, आशुतोष चिंचोलिकर, डॉ. मुख्तियार सिंह दिल्ली टेक्नोलॉजिकल विवि, डॉ. रवि नाथ त्रिपाठी, डॉ. डीके चतुर्वेदी व अन्य विशेषज्ञ तकनीकी विचार व्याख्यान प्रस्तुत करेंगे। कॉन्फ्रेंस के दौरान वक्ता डॉ. अरविंद जैन मशीन लर्निंग इन स्मार्ट ग्रिड डॉ. मुख्तियार सिंह इंटरनेट ऑफ थिंग्स एवं मशीन लर्निंग के बारे में अपने विचार साझा करेंगे। कॉन्फ्रेंस में देश-विदेश के शिक्षण संस्थानों के फैकल्टी एवं रिसर्च स्कॉलर स्टूडेंट्स भाग लेंगे तथा रिसर्च पेपर प्रस्तुत करेंगे।



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इंटरनेशनल कॉन्फ्रेंस देश-विदेश के शामिल होंगे रिसर्च स्कॉलर और एक्सपर्ट

ग्वालियर ♦ माधव इंस्टीट्यूट ऑफ टेक्नोलॉजी एंड साइंस ग्वालियर एआइसीटीई की ओर से 2 एवं 3 नवंबर को इंटरनेशनल कॉन्फ्रेंस 'ऑन सस्टेनेबल एंड इनोवेटिव सॉल्यूशंस फॉर करंट चैलेंजस इन इंजीनियरिंग एंड टेक्नोलॉजी' का आयोजन होने जा रहा है। कार्यक्रम में मुख्य अतिथि के रूप में पूर्व डायरेक्टर जनरल एकेडमी ऑफ एडमिनिस्ट्रेशन प्रशांत मेहता एवं विशिष्ट अतिथि सिंधिया इंजीनियरिंग कॉलेज सोसायटी के सचिव रमेश अग्रवाल उपस्थित रहेंगे। कार्यक्रम में एनबीए के चेयरमैन प्रो केके अग्रवाल भी वक्तव्य देंगे। प्रोग्राम में विभिन्न प्रदेशों से एक्सपर्ट, प्रोफेसर अपने विचार एवं रिसर्च की नई तकनीक से प्राध्यापकों एवं विद्यार्थियों को परिचित कराएंगे। मुख्य तौर पर डॉ. आर वेंकट राव एनआइटी सूरत, सिंगापुर से डॉ. एमएच लिम एनटीयू सिंगापुर, डॉ. जगदीश चंद्र बंसल साउथ एशियन यूनिवर्सिटी न्यू दिल्ली एवं डॉक्टर सुमंत्रा दत्ता राय मौजूद रहेंगे। इस कॉन्फ्रेंस में देश-विदेश की कई फैकल्टी एवं रिसर्च स्कॉलर स्टूडेंट्स भाग लेंगे।



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एमआईटीएस में दो दिवसीय इंटरनेशनल कॉन्फ्रेंस कल से

ग्वालियर। एमआईटीएस कॉलेज में एआईसीटीई द्वारा 2 व 3 नवंबर को 'ऑन सस्टेनेबल एंड इनोवेटिव सॉल्यूशंस फॉर करंट चैलेंजस इन इंजीनियरिंग एंड टेक्नोलॉजी' विषय पर दो दिवसीय कॉन्फ्रेंस का आयोजन किया जा रहा है। शुभारंभ सत्र के मुख्य अतिथि पूर्व डायरेक्टर जनरल एके डी ऑफ एडमिनिस्ट्रेशन प्रशांत मेहता रहेंगे। विशिष्ट अतिथि के रूप में सिंधिया इंजीनियरिंग कॉलेज सोसायटी के सचिव रमेश अग्रवाल उपस्थित रहेंगे। मुख्य वक्ता के रूप में एनवीए के चेयरमैन प्रो. केके अग्रवाल भी उपस्थित रहेंगे।

इन्काहोगा लेक्चर : दो दिवसीय कॉन्फ्रेंस में एनआईटी सूरत के डॉ. आरवेंकट राव, एनटीयू सिंगापुर के डॉ. एमएच लिम, साउथ एशियन यूनिवर्सिटी के डॉ. जगदीशचंद्र वंसल, आईआईटी दिल्ली की डॉ. सुमंत्रा क्ता राय, एमएनआईटी भोपाल की डॉ. तृप्ति ठाकुर, एनआईटी अमरतला के डॉ. अरविंद जैन, दिल्ली टेक्नोलॉजिकल विश्वविद्यालय के डॉ. आशुतोष चिंचोलिकर और डॉ. मुख्तियार सिंह के अलावा डॉ. रविनाथ त्रिपाठी, डॉ. डीके चतुर्वेदी आदि तय विषय पर अपने विचार व्यक्त करेंगे।



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अंतरराष्ट्रीय कॉन्फ्रेंस 2 नवंबर से होगी

सिटी रिपोर्टर | एमआईटीएस में अंतरराष्ट्रीय कॉन्फ्रेंस का आयोजन 2 नवंबर से किया जाएगा। इसका विषय सस्टेनेबल एंड इनोवेटिव सॉल्यूशन फॉर करंट चैलेंजेज इन इंजीनियरिंग एंड टेक्नोलॉजी रखा गया है। इसके मुख्य अतिथि संस्थान के बोर्ड ऑफ गवर्नर्स के सदस्य प्रशांत मेहता होंगे। विशिष्ट अतिथि सिंधिया इंजीनियरिंग कॉलेज सोसाइटी के सचिव रमेश अग्रवाल रहेंगे। कॉन्फ्रेंस में देशभर से वक्ता विषय पर अपने-अपने विचार रखेंगे। इसका मुख्य उद्देश्य आज के समय में इंजीनियरिंग और तकनीकी क्षेत्र की मुख्य चुनौतियों का सतत एवं नवोमेष तरीकों से हल करने के उपायों पर चर्चा करना है। आज के समय नए तरीकों से कम्प्यूटेशनल इंटेलिजेंट, इंटरनेट ऑफ थिंग्स, मशीन लर्निंग पर विशेष अपने विचार रखेंगे। इस मौके पर देशभर से आए प्रतिभागी मौजूद रहेंगे।

दो दिवसीय इंटरनेशनल कॉन्फ्रेंस आई सी एस आई एस सी ई टी 2019 का हुआ शुभारंभ

सत्ता सुधार | ग्वालियर

माधव इंस्टीट्यूट ऑफ टेक्नोलॉजी एंड साइंस ग्वालियर एआईसीटीई के तत्वाधान में 2 नवंबर को ग्वालियर में इंटरनेशनल कॉन्फ्रेंस ऑन सस्टेनेबल एंड इनोवेटिव सॉल्यूशंस फॉर करंट चैलेंजस इन इंजीनियरिंग एंड टेक्नोलॉजी पर दो दिवसीय इंटरनेशनल कॉन्फ्रेंस आई सी एस आई एस सी ई टी 2019 का शुभारंभ हुआ। कार्यक्रम के मुख्य अतिथि आई ए एस एवम् पूर्व डायरेक्टर जनरल एकेडमी ऑफ एडमिनिस्ट्रेशन प्रशांत मेहता थे। उद्घाटन सत्र की शुरुआत कॉन्फ्रेंस की कोऑर्डिनेटर एवं एम आई टी एस कॉलेज की डीन डॉ



मंजरी पंडित ए डायरेक्टर डॉण आरण केण पंडित ए सिंधिया इंजीनियरिंग कॉलेज सोसायटी ग्वालियर के सेक्रेटरी इंजी.रमेश अग्रवाल, एकेडमी ऑफ एडमिनिस्ट्रेशन भोपाल के पूर्व डायरेक्टर जनरल प्रशांत मेहता, एम एम एम यू टी गोरखपुर के वाइस चांसलर डॉ एस.एन. सिंह, एन बी ए नई दिल्ली के चेयरमैन डॉ के.के.अग्रवाल द्वारा दीप प्रज्वलित कर की गई। इस दौरान डॉ मंजरी पंडित ने बताया कि इस तरह की कॉन्फ्रेंस के द्वारा नई रिसर्च को बढ़ावा मिलता है साथ ही इससे नई टेक्नोलॉजी जैसे मशीन रिन्यूएबल एनर्जी, इंटरनेट ऑफ थिंग्स आदि के क्षेत्र में अभी तक जो विकास हुआ है, इसके विचार साझा किए। इस कॉन्फ्रेंस में 148 पेपर चयनित किए गए जिनमें से 89 पेपर रिव्यू एवं प्रेजेंटेशन के लिए चुने गए। कोऑर्डिनेटर ने सभी कार्यकर्ताओं को धन्यवाद दिया। डायरेक्टर एम आई टी एस डॉ आर के पंडित ने सभी अतिथियों का स्वागत किया एवं कॉन्फ्रेंस का महत्व बताते हुए कहा कि हम तकनीकी क्षेत्र में आने वाली विपदाओं का समाधान इस तरह की कॉन्फ्रेंस में चर्चा कर निकाल सकते हैं। इंजीनियर रमेश अग्रवाल ने कॉन्फ्रेंस की कोऑर्डिनेटर एवं अन्य कार्यकर्ताओं को कॉन्फ्रेंस के आयोजन की शुभकामनाएं दी।

एमआईटीएस में शुरू हुई अंतरराष्ट्रीय संगोष्ठी में वक्ताओं ने बताई भविष्य की तकनीक सोलर एनर्जी स्टोरेज के लिए बैटरी का साइज छोटा होगा और बैकअप बढ़ेगा

CONFERENCE

मिस्ट्री रिपोर्टर . ग्वालियर

ऊर्जा के विकल्प तो हमने तलाश लिए हैं, लेकिन इनका दायरा बढ़ाना हमारे सामने सबसे बड़ी चुनौती है। अगले दो वर्षों में सरकार का लक्ष्य 175 गीगावॉट नवीकरणीय ऊर्जा पैदा करना है। इसमें 100 गीगावॉट सौर ऊर्जा शामिल है। अभी



डॉ. तृप्ता

हमारे सामने सोलर एनर्जी के बैकअप की समस्या है। देश में इस पर रिसर्च चल रही है और जल्द ही नई बैटरी मार्केट में आएंगी। देखने में यह छोटी होंगी, लेकिन

इनकी बैकअप क्षमता अधिक होगी। यह बात मैनिट भोपाल से आई डॉ. तृप्ता ठाकुर ने कही। वह एमआईटीएस में सस्टेनेबल एंड इनोवेटिव सॉल्यूशंस फॉर करंट चैलेंजेज इन इंजीनियरिंग एंड टेक्नोलॉजी पर शुरू हुई दो दिवसीय अंतरराष्ट्रीय संगोष्ठी में बोल रही थीं।

यह लोग रहे मौजूद

इस मौके पर मुख्य अतिथि संस्थान के बोर्ड ऑफ गवर्नर्स के मेंबर प्रशांत मेहता, विशिष्ट अतिथि सिंधिया इंजीनियरिंग कॉलेज सोसाइटी के सचिव रमेश अग्रवाल, संस्थान के डायरेक्टर डॉ. आरके पंडित आदि मौजूद रहे।

2 दिवसीय प्रोग्राम

इसमें आईआईटी और एनआईटी के एक्सपर्ट हुए शामिल



■ एमआईटीएम कॉलेज में आयोजित दो दिवसीय कॉन्फ्रेंस में शामिल स्थानीय और बाहर के आए फैकल्टी।

भीड़ की गतिविधि पहचानेगा सॉफ्टवेयर

आईआईटी दिल्ली से आए डॉ. सुमंत्र दत्त राय ने कहा कि आर्टिफिशियल इंटेलिजेंस और मशीन लर्निंग के क्षेत्र में काफी काम चल रहा है। अभी ऐसी तकनीक पर काम चल रहा है, जो सीसीटीवी के माध्यम से भीड़ की गतिविधि पहचान सकेगी। यह तकनीक सार्वजनिक स्थानों, रेलवे, बस स्टैंड सहित कई स्थानों के लिए कारगर रहेगी।



डॉ. सुमंत्र दत्त

समस्या निपटाने के लिए अल्गोरिथम

एनआईटी सूरत से आए प्रो. आर वेंकट राव ने जया अल्गोरिथम बनाई है। इसे अभी तक 3500 लोग उपयोग कर चुके हैं। यह ऑप्टिमाइजेशन पर आधारित है। यह नेचर बेस्ड है, जिसके आधार पर किसी भी चीज के बारे में कम से कम और अधिकतम का पता लगाया जा सकता है। अभी ऐसे ऑप्टिमाइजेशन मैथड की जरूरत है, जो सभी के लिए लागू हो।



प्रो.आर वेंकट

पांच गोल इंजीनियरिंग क्षेत्र से भी जुड़े हुए हैं

एनबीए के चेयरमैन डॉ. केके अग्रवाल ने कहा कि यूनेस्को के 17 सस्टेनेबल डवलपमेंट गोल हैं, इनमें 5 इंजीनियरिंग क्षेत्र से जुड़े हैं। उन्होंने कहा कि अगर हम विकास को मुख्य केंद्र बिंदु रखेंगे तो सिस्टम स्वयं ही सस्टेनेबल होता जाएगा। ज्ञान को बढ़ाने के लिए टी शॉप ज्ञान चाहिए। इसमें सभी विषयों की जानकारी मिल सकेगी।



डॉ. अग्रवाल

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एमआईटीएस में आयोजित अंतरराष्ट्रीय कॉन्फ्रेंस में देशभर से आए वक्ताओं ने चर्चा की ऊर्जा उत्पन्न करने के लिए 3-डब्ल्यू के फॉर्मूले पर काम करने की जरूरत है: डॉ. चतुर्वेदी

MITS CONFERENCE

सिटी रिपोर्टर . ग्वालियर

भारत में लगभग 300 सौर ऊर्जा युक्त दिन होते हैं, जिससे हम पर्याप्त सौर ऊर्जा को एकत्रित कर सकते हैं। विंड, वेस्ट मटेरियल और वाटर का उपयोग करके ऊर्जा उत्पन्न की जा सकती है। जैसे हाइड्रो इलेक्ट्रिक पावर जनरेशन, विंड पावर जनरेशन और प्लास्टिक बोतल से मोबाइल चार्ज करना शामिल है। ओखला में वेस्ट टू एनर्जी प्लांट लगा है, जिसके द्वारा हम ऊर्जा उत्पादन कर सकते हैं। यह बात आगरा से आए डॉ. डीके चतुर्वेदी ने कही।

वे एमआईटीएस में आयोजित अंतरराष्ट्रीय कॉन्फ्रेंस में बोल रहे थे। इसमें स्मार्ट कंट्रोल इंडिया लिमिटेड के फाउंडर व बिजनेस हेड आशुतोष चिंचोलीकर ने इंडस्ट्री 4.0 पर चर्चा की। इसी क्रम में यू शो इंस्टीट्यूट ऑफ टेक्नोलॉजी जापान से आए डॉ. रविनाथ त्रिपाठी ने भी विचार रखे। उन्होंने कहा कि नवाचार के अलावा हमारा सिस्टम रिलायबल होना जरूरी



■ संस्थान में आयोजित अंतरराष्ट्रीय कॉन्फ्रेंस में मौजूद वक्ता और प्रतिभागी।

है। ऐसा करके ही पर्यावरण और लोगों को लाभ पहुंचा सकते हैं। इस मौके पर संस्थान के बोर्ड ऑफ गवर्नर्स के मेंबर प्रशांत मेहता, सिंधिया इंजीनियरिंग कॉलेज सोसाइटी के सचिव रमेश अग्रवाल, संस्थान के डायरेक्टर डॉ. आरके पंडित, कॉन्फ्रेंस की कोआर्डिनेटर डॉ. मंजरी

पंडित, डॉ. मनीष दीक्षित सहित देशभर से आए प्रतिभागी मौजूद रहे। अंत में इंजीनियरिंग और टेक्नोलॉजी की चुनौतियां और उनके समाधान पर चर्चा की गई। इसके लिए वक्ताओं ने प्रजेंटेशन दिया। वहीं प्रतिभागियों ने अपने-अपने सुझाव दिए।

आईओटी दैनिक जीवन में उपयोगी

कॉन्फ्रेंस में दिल्ली से आए डॉ. मुख्तियार सिंह ने कहा कि इंटरनेट ऑफ थिंग्स (आईओटी) हमारे दैनिक जीवन में उपयोगी है। आईओटी डिवाइस से घर की मशीन, लाइट, दरवाजे, सीसीटीवी कैमरा को कनेक्ट किया जा सकता है। एनआईटी अगरतला से आए डॉ. अरविंद जैन ने स्मार्ट ग्रिड पर चर्चा की। उन्होंने बताया कि किस तरह इस पर काम चल रहा है और इसका क्या फायदा लोगों को मिलेगा।

एमआइटाएस म इंटरनेशनल कान्फ्रस

बिजली उत्पादन में हम तीसरे स्थान पर, अब सन एंड विंड एनर्जी पर करना होगा चिंतन

पत्रिका PLUS रिपोर्ट

ग्वालियर ● भारत 360 गीगा वाट विद्युत उत्पादन करते हुए विश्व में तीसरे स्थान पर है। हमें आज विद्युत के दूसरे और तरीकों पर गहराई से चिंतन करना होगा, जिसमें सौर्य ऊर्जा एवं विंड ऊर्जा शामिल हैं। यह बात भोपाल की डॉ. तुप्ता ठाकुर ने इंटरनेशनल कॉन्फ्रेंस के दौरान कही। वह फ्यूचर ऑफ इंडियन इलेक्ट्रिसिटी मार्केट पर अपने विचार साझा कर रही थीं। एमआइटीएस एआइसीटीई की ओर से शनिवार को दो दिवसीय इंटरनेशनल कॉन्फ्रेंस का शुभारंभ किया गया। इसका विषय 'ऑन सस्टेनेबल एंड इनोवेटिव सॉल्यूशंस फॉर करंट चैलेंजेस इन इंजीनियरिंग एंड टेक्नोलॉजी' रखा गया था। कार्यक्रम में मुख्य अतिथि के रूप में आइएएस प्रशांत मेहता उपस्थित रहे। इस कॉन्फ्रेंस में 148 पेपर चर्चानित किए गए, जिनमें से 89 पेपर रिव्यू एवं प्रजेंटेशन के लिए चुने गए। स्पीकर्स और गेस्ट का वेलकम एमआइटीएस के डायरेक्टर डॉ. आरके पंडित ने किया।



आपदाओं का निकाल सकते हैं सॉल्यूशन

एमआइटीएस सूरत से डॉ. आर. वेंकट राव ने विभिन्न ऑप्टिमाइजेशन एल्गोरिदम का विवरण दिया। उन्होंने बताया कि इन एल्गोरिदम के उपयोग से रिसर्विस दैनिक जीवन की विभिन्न विपदाओं का समाधान निकाल सकते हैं। इसके उपरांत उन्होंने ह्यूरिस्टिक एवं मेटाह्यूरिस्टिक पर विचार साझा किए। उन्होंने कहा कि आज देश को अच्छे रिसर्व की आवश्यकता है। इसके लिए स्टूडेंट्स आगे आएँ और न्यू आइडिया पर काम करें।





**AICTE Sponsored International Conference on
Sustainable and Innovative Solutions for Current Challenges in Engineering & Technology
2-3 November, 2019**

(Partially Supported under TEQIP-III, In Collaboration with Delhi Technological University, Delhi)
MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR (M.P.)
A Govt. Aided UGC Autonomous & NAAC Accredited Institute, Affiliated to R.G.P.V. Bhopal

CITY BRIEF

tural styles of these architectures.
Alumni meet



The alumni students of ITM University cherished old memories of their institute and their friends in a recently organised alumnus meet. The old students also played games along with sharing their stories. While addressing the audience, Meenakshi Majumdar advised all the students to follow honesty in their lives. Alumni Robin Bhadoriya launched his motivational books as well.

International conference

Madhav Institute of Technology



and Science recently hosted an international conference under the aegis of AICTE. The topic of the conference was 'Sustainable and innovative solutions for current challenges in engineering and technology'. Total 148 papers were selected in the conference out of them 89 were chosen for paper review and presentation. Dr R Venkat Rao from NIT Surat explained various optimisation algorithms and how can researches solve their daily hurdles with the help of these. Dr Sumantra Dutta Rai from IIT Delhi edified the audience regarding sundry types of weblets. The research papers of this conference will be published in international journal of springer.

सोच से परे होगा भविष्य में तकनीक में होने वाला बदलाव इसलिए अभी से रहें तैयार

एमआईटीएस कॉलेज में दो दिनी इंटरनेशनल कॉन्फ्रेंस शुरू, विशेषज्ञों ने दिए सुझाव



प्रशांत मेहता। ● नईदुनिया



वक्ताओं को सुनते कॉन्फ्रेंस में मौजूद डेलीगेट्स। ● नईदुनिया

ग्वालियर | नईदुनिया रिपोर्टर

माधव इंस्टीट्यूट ऑफ टेक्नोलॉजी एंड साइंस ग्वालियर में एआईसीटीई के तत्वावधान में शनिवार को 'ऑन सस्टेनेबल एंड इनोवेटिव सॉल्यूशंस फॉर करंट चैलेंजस इन इंजीनियरिंग एंड टेक्नोलॉजी' विषय दो दिनी इंटरनेशनल कॉन्फ्रेंस शुरू हुई। मुख्य अतिथि आईएस व पूर्व डायरेक्टर जनरल एकेडमी ऑफ एडमिनिस्ट्रेशन प्रशांत मेहता थे। प्रशांत मेहता ने कहा कि हम सौर ऊर्जा का उपयोग अपने दैनिक जीवन

में कर सकते हैं। आने वाले समय में तकनीकी का जो विकास होगा वो हमारी सोच से भी परे है। एमएमएमयूटी के कुलपति एनएन सिंह ने कहा कि कॉन्फ्रेंस के दौरान हम ओपन माइंड डिस्कशन से विभिन्न नए तकनीकी सुझाव का आदान-प्रदान कर सकते हैं। उन्होंने इनोवेशन और इवेंशन में अंतर बताते हुए कहा कि टेलीविजन इनोवेशन है तो उसके विभिन्न वर्शन जैसे मोबाइल इवेंशन है।

एनवीए नई दिल्ली के चेयरमैन डॉ. केके अग्रवाल ने बताया कि सस्टेनेबिलिटी एवं डेवलपमेंट एक दूसरे

से किस प्रकार जुड़े हैं। उन्होंने कहा कि हम विकास को मुख्य बिंदु रखेंगे तो रिस्टमस्वयंही सस्टेनेबल होना जाएगा। ज्ञान को बढ़ावा देने के लिए टी-सेप ज्ञान होना चाहिए जिसमें सभी विषयों का ज्ञान हो और कुछ विषयों का गहन ज्ञान हो, जिसे विथ और डेथ नॉलेज कहते हैं। उन्होंने कहा कि यूनेस्को में 17 सस्टेनेबल डेवलपमेंट गोल्स हैं जिनमें 5 इंजीनियरिंग क्षेत्र से जुड़े हुए हैं। एमआईटीएस की डीन डॉ. मंजरी पंडित ने बताया कॉन्फ्रेंस में 14S पेपर चयनित किए गए जिनमें से 9 पेपर रिव्यू एवं प्रेजेंटेशन के लिए चुने गए।

विद्युत उत्पादन में विश्व में तीसरे स्थान पर है भारत

साउथ एशियन विश्वविद्यालय से आए डॉ. जेसी बंसल ने जानकारी देते हुए हमारे दैनिक जीवन की विभिन्न प्रकार प्राकृतिक आपदाओं जैसे बाढ़, सुनामी, भूकंप आदि का ड्रोन स्वार्म के उपयोग से बेहतर समाधान बताया। इसके अलावा आईआईटी दिल्ली से आए डॉ. सुमित्र दत्ता राय ने रिसर्च के तरीकों को बताते हुए कहा कि ज रूरतों के आधार पर हमें तकनीकी का समन्वय करना चाहिए। इसी क्रम में मैनिट भोपाल से आई डॉ. तुषित ठाकुर ने एयूचर ऑफ इंडियन इलेक्ट्रिसिटी मार्केट में अपने विचार व्यक्त किए। उन्होंने कहा कि भारत 360 गीगा वाट विद्युत उत्पादन करते हुए विश्व में तृतीय स्थान पर है। उन्होंने बताया हमें आज विद्युत के दूसरे और तरीकों पर गहराई से चिंतन करना जरूरी है, जिसमें सौर ऊर्जा एवं पवन ऊर्जा शामिल हैं। इस कॉन्फ्रेंस के रिसर्च पेपर्स का विश्व स्तरीय जर्नल स्प्रिंगर में प्रकाशित होंगे।

समझाइश

एमआईटीएस कॉलेज में चल रही दो दिवसीय अंतरराष्ट्रीय कॉन्फ्रेंस का समापन

हम तेजी से बढ़ रहे हैं सामान्य से स्मार्ट तकनीक की ओर

**अंतिम दिन के दो सत्र हुए
जिनमें विशेषज्ञ बोले**

ग्वालियर। नईदुनिया रिपोर्टर

एमआईटीएस कॉलेज में चल रही दो दिवसीय राष्ट्रीय संगोष्ठी का समापन रविवार को शाम हुआ। सुबह के सत्र के मुख्य वक्ता एमआईटी अग्रतला से आए डॉ. अरविंद जैन थे। उन्होंने 'स्मार्ट ग्रिड मशीन लर्निंग एवं आर्टिफिशियल इंटेलिजेंस' विषय पर अपने विचार व्यक्त किए। डॉ. जैन ने कहा कि सामान्य तकनीक से स्मार्ट तकनीक की तरफ आज युग बढ़ रहा है।

हमें भी उसके कदम से कदम मिलाकर आगे बढ़ना चाहिए। इसके



उपस्थित सदस्यों ने वक्ता के विचारों को गंभीरता से आत्मसात किया। © नईदुनिया

प्रॉड डिटेक्शन एप्लिकेशन के बारे में कमागत उन्नति बताते हुए इंटरनेशनल

बताई समस्याएं और सुझाया समाधान



एवस्पार्ट ने तकनीक के बारे में बताया।

यू शो इंडस्ट्रियल ऑफ टेक्नोलॉजी जापान से आए डॉ. रविनाथ त्रिपाठी ने बताया सस्टेनेबल और इनोवेशन

और इनोवेशन की मुख्य समस्याएं रिलायबिलिटी और फैलियर, ह्यूमिडिटी, हाईवोल्टेज और हाई करंट है। पावर इलेक्ट्रॉनिक सिस्टम कंडक्टर डिवाइस एवं कंट्रोल एक तरह से सेमीकंडक्टर डिवाइस है, जो केमिकल फिजिकल मटेरियल साइंस मैकेनिकल प्रॉपर्टीज जैसी विभिन्न प्रकार के तकनीकों पर आधारित है। डीटीयू दिल्ली से आए डॉ. मुख्तियार सिंह ने इंटरनेट ऑफ थिंग्स पर अपने अनुभव शेर किए। उन्होंने कहा कि आईओटी के चार मुख्य तत्व हैं, इनमें सेंसर, कंट्रोलर, कौमन यूनिट एवं पावर सप्लाई शामिल है। खास बात यह

ANCHOR

एमआईटीएस में इंटरनेशनल कॉन्फ्रेंस

2020 तक विश्व की जनसंख्या से साढ़े सात गुना बढ़ जाएंगे डिवाइस यूजर्स

पत्रिका PLUS रिपोर्टर

ग्वालियर ♦ आने वाले समय में इंटरनेट ऑफ थिंग्स (आइओटी)



विद्युत मशीन लर्निंग भविष्य में हर आदमी के लिए उपयोगी होगा। इसका यूज हेल्थ, सिक्योरिटी, स्मार्ट ग्रेड, होम एनर्जी मैनेजमेंट, एग्रीकल्चर और कोर सेक्टर में होगा। वर्तमान समय में विश्व की पॉपुलेशन की ढाई गुना चीजें इंटरनेट से कनेक्टेड हैं। 2020 तक इस तरह के डिवाइस का कनेक्शन साढ़े सात गुना हो जाएगा। तब डाटा मैनेजमेंट, प्रोसेसिंग और सिक्योरिटी की प्रॉब्लम बढ़ेगी। इसके लिए हमें अभी से नए रास्ते खोजने होंगे। यह बात



हम बढ़ रहे स्मार्ट टेक्नक्स की ओर

कॉन्फ्रेंस में एमआईटी अग्रतला से डॉ. अरविंद जैन ने स्मार्ट ग्रिड मशीन लर्निंग एवं आर्टिफिशियल इंटेलिजेंस पर अपने अनुभव साझा करते हुए बताया कि सामान्य तकनीक से स्मार्ट तकनीक की ओर आज का युग अग्रसर हो रहा है। एक समय ऐसा भी आएगा, जब यूजर्स की संख्या अधिक हो जाएगी। तब बहुत सारे इश्यूज हमारे सामने होंगे। उन्होंने रिसर्च को एआई मशीन लर्निंग तथा डीप लर्निंग के विभिन्न एप्लीकेशनस जैसे फेस रिकॉग्निशन, स्पीच रिकॉग्निशन, प्रॉड डिटेक्शन एवं साइबर क्राइम को रोकने वाली तकनीकों के बारे में बताया।

डीटीयू दिल्ली से डॉ. मुख्तियार सिंह एमआईटीएस में आयोजित कॉन्फ्रेंस में इंटरनेशनल कॉन्फ्रेंस में कही। वह तकनीकी सुझाव दे रहे थे।

हमारा सिस्टम हो रिलायबल

आशुतोष चिंचोलीकर आज के युग की इंडस्ट्रीज के बारे में अपने विचार साझा किए। डॉ. रविनाथ त्रिपाठी ने बताया सस्टेनेबल और इनोवेशन सॉल्यूशन के अलावा हमारा सिस्टम रिलायबल होना बहुत जरूरी है। सस्टेनेबल और इनोवेशन की मुख्य समस्याएं रिलायबिलिटी और फैलियर, ह्यूमिडिटी, हाई वोल्टेज और हाई करंट आदि हैं। पावर इलेक्ट्रॉनिक सिस्टम कंडक्टर डिवाइस एवं कंट्रोल एक तरह से सेमीकंडक्टर डिवाइस हैं, जो केमिकल फिजिकल मटेरियल साइंस मैकेनिकल प्रॉपर्टीज जैसी विभिन्न प्रकार के तकनीकों पर आधारित हैं।



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सामान्य तकनीक से स्मार्ट तकनीक की ओर आज का युग अग्रसर

सत्ता सुधार | ग्वालियर

एम आइ टी एस में आयोजित अंतर्राष्ट्रीय संगोष्ठी के दूसरे दिन कई वक्ताओं ने तकनीकी सुझाव दिए। इसी दौरान डॉक्टर अरविंद जैन, एनआईटी अगरतला, ने स्मार्ट ग्रिड मशीन लर्निंग एवं आर्टिफिशियल इंटेलिजेंस पर अपने अनुभव साझा करते हुए बताया कि सामान्य तकनीक से स्मार्ट तकनीक की ओर आज का युग अग्रसर हो रहा है। इन्होंने रिसर्चस को एआई, मशीन लर्निंग तथा डीप लर्निंग के विभिन्न एप्लीकेशनस जैसे फेस रिकॉग्निशन, स्पीच रिकॉग्निशन ए फ्रॉड डिटेक्शन



एवं अनेक साइबर क्राइम साइबर क्राइम को रोकने वाली तकनीकों के बारे में बताया। श्री आशुतोष चिंचोलीकर, फाउंडर एंड बिजनेस हेड स्मार्ट कंट्रोल्ल्स इंडिया लिमिटेड एने विभिन्न इंडस्ट्रीज की क्रमागत उन्नति बताते हुए आज के युग की इंडस्ट्रीज 4.0 के बारे में अपने विचार साझा किए। इसके उपरांत उन्होंने बताया इंसान कैसे दिन प्रतिदिन उन्नति की ओर अग्रसर हो रहा है। डॉक्टर रवि नाथ त्रिपाठी एयू शो इंस्टिट्यूट ऑफ टेक्नोलॉजी जापान, ने बताया सस्टेनेबल और इनोवेशन सॉल्यूशन के अलावा हमारा सिस्टम रिलायबल होना बहुत जरूरी है। सस्टेनेबल और इनोवेशन की मुख्य समस्याएँ रिलायबिलिटी और फैलियर, ह्यूमिडिटी, हाई वोल्टेज और हाई करंट आदि हैं।



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