

International Conference

On

“Recent Advancement in Science, Engineering & Technology, and
Management
(ICRASETTM-2021)”

September 1-2, 2021

CONFERENCE REPORT

Organised By:



Swami Keshvanand Institute of Technology, Management & Gramothan, Jagatpura, Jaipur-302019

Telephone: 0141-5160400 (Ext. 286, 284, 213), Fax: 014-2759555

Website: www.rasetm2021@skit.ac.in

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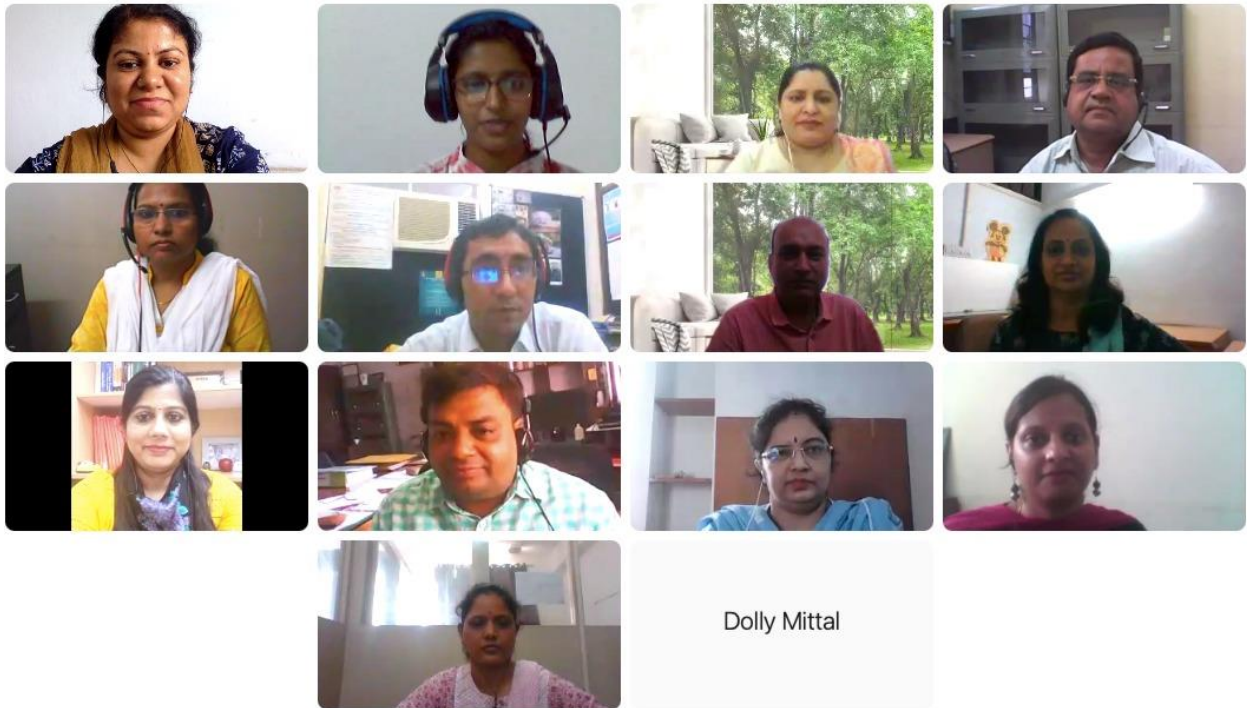
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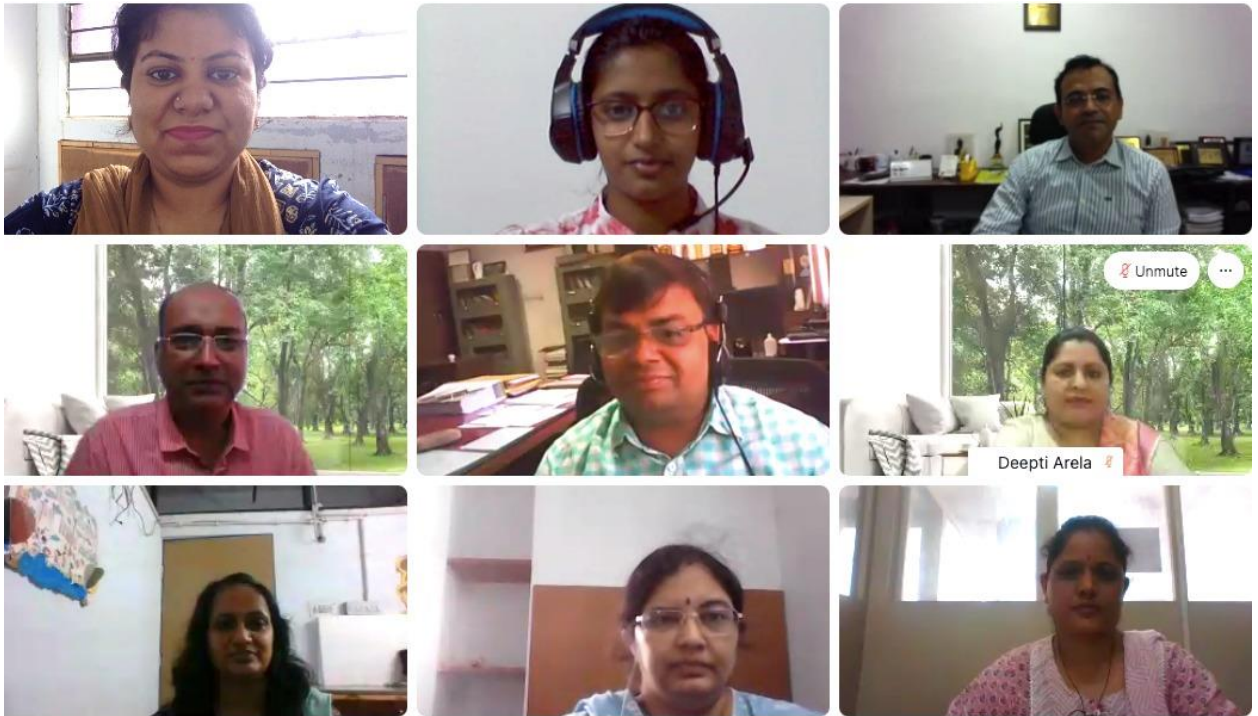
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GLIMPSES OF ICRASET-2021



INAUGURAL CEREMONY



OVERVIEW OF ICRASET-2021

1. Introduction

The main objective of the International Conference on "Recent Advancements in Science, Engineering & Technology, and Management" (ICRASET-2021) is to encourage scientific and informative exercises for the development of participants' lives by promoting the theory and application of different disciplines and divisions linked to the hurdles of experimental research. One of the goals of ICRASET-2021 is to give specialists a world-class stage to disseminate research discoveries by using innovative means of lecturing and presenting. This one-of-a-kind conference will be of tremendous benefit to students participating in the event. Scientists will also be invited to distinguish significant research subjects in identified regions in the fields of applied sciences, engineering, technology, and management. The International Conference on "Recent Advancements in Science, Engineering & Technology, and Management" (ICRASET-2021), one of the most comprehensive professional conferences of its kind in world, has been specifically designed to present technical and other assistance to intensify research and development enterprises, by proclaiming high quality research findings, as well as research papers/ articles.

Vision

“To promote higher learning in advanced technology and industrial research to make our country a global player”

Mission

“To promote quality education, training and research in the field of Engineering by establishing effective interface with industry and to encourage faculty to undertake industry sponsored projects for students.”

INAUGURATION

Keynote Session

Day 1

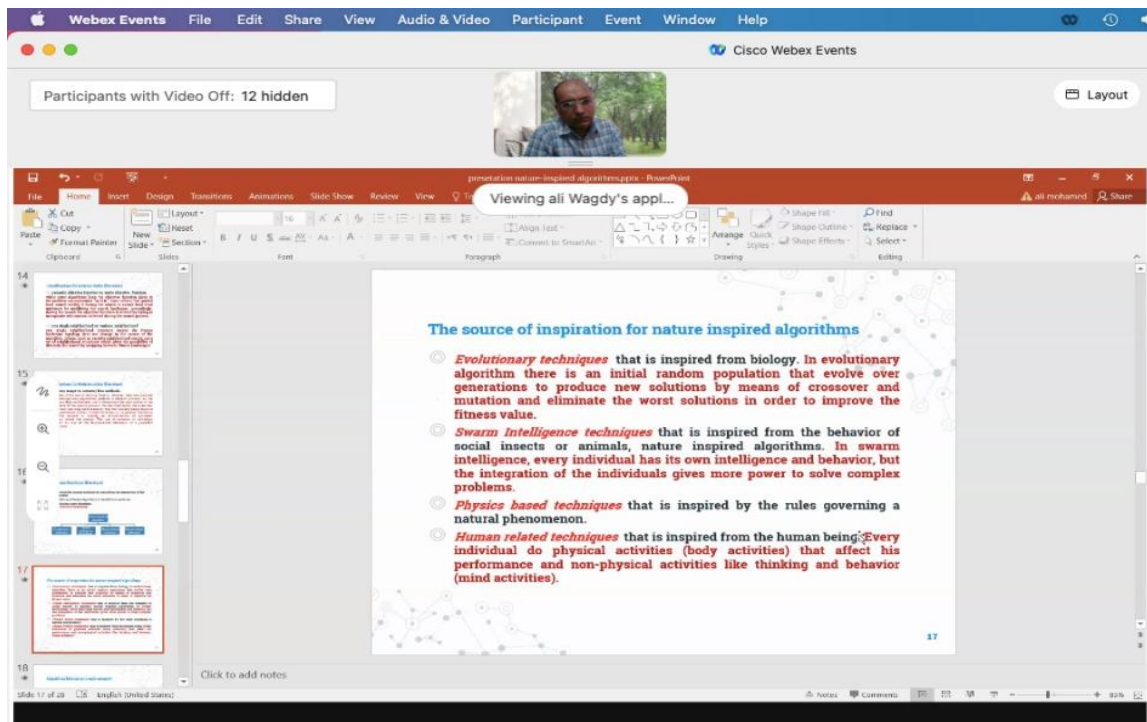
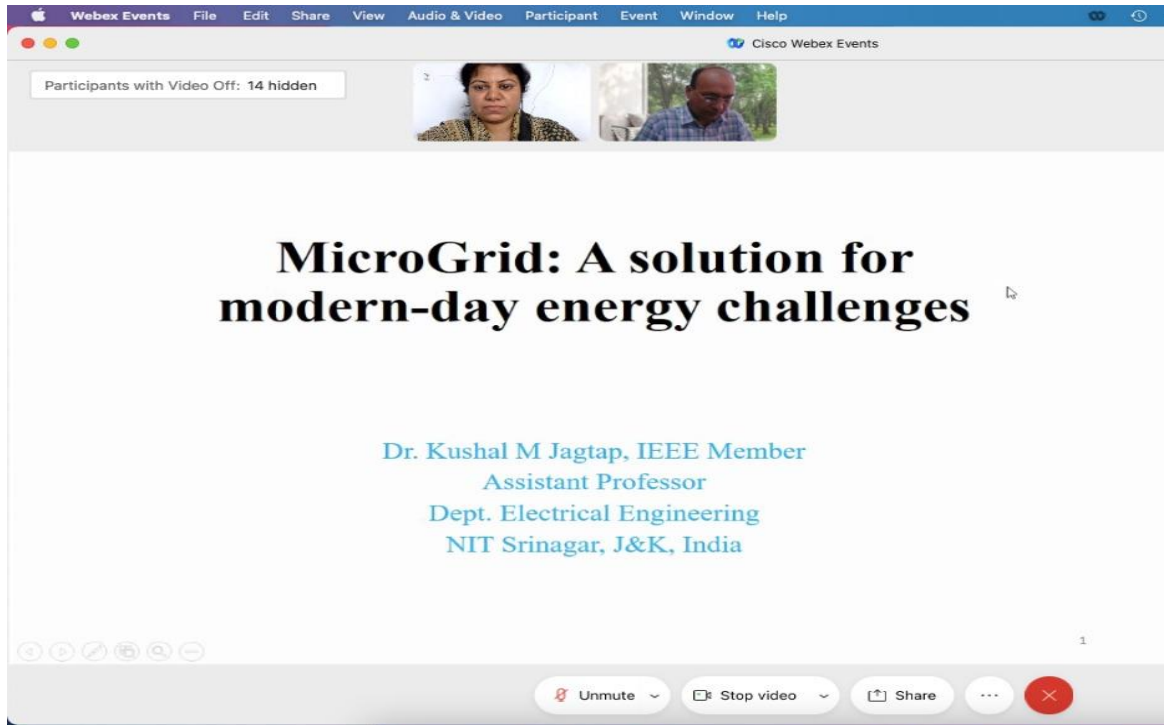
Date:-1/09/2021

Keynote Session of Day 1 was held after the inaugural ceremony. In the session, the first keynote speaker Dr. Jagdish Chand Bansal elucidated on the topic “Swarm Intelligence: Concepts and Future Perspectives”. He is an Associate Professor, South Asian University, New Delhi and Visiting Faculty at Maths and Computer Science, Liverpool Hope University UK. He talked about the importance of Swarm Intelligence and its future. He explained the reason of raising demand of Swarm Intelligence in market. He also briefed about the Swarm Intelligence for Drones and their use. The session was concluded by questions from the participants.

The second keynote speaker for the session was Dr. Kushal M Jagtap, who is an Assistant Professor, National Institute of Technology, Srinagar, India. He threw light on the topic “Micro Grid: A Solution for Modern-day Energy Challenges.” He gave a brief description of MicroGrid and its components. He showed a simplified MicroGrid Control Flow Diagram for better understanding. He explained about the microgrid design considerations. At last, he gave the reason of power grid failure in India. The session was concluded by questions from the participants.

The last keynote speaker for the session was Dr. Ali Wagdy Mohamed who is an Associate Professor at Operations Research department, Faculty of Graduate Studies for Statistical Research, Cairo University, Egypt. He spoke on the topic “Nature-Inspired Algorithms and Application”. He kicked off his session by describing Heuristics, Hyper-heuristics and Metaheuristics. He talked about the source of inspiration for nature inspired algorithm and its parts. He discussed the exact method and optimization for the problems of parameter estimation for Frequency-Modulated sound waves. The session was concluded by questions from the participants.

Some Glimpses



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Rashmi Dadhich Host, me Kushal Jagtap Akash Saxena Deepti Arela

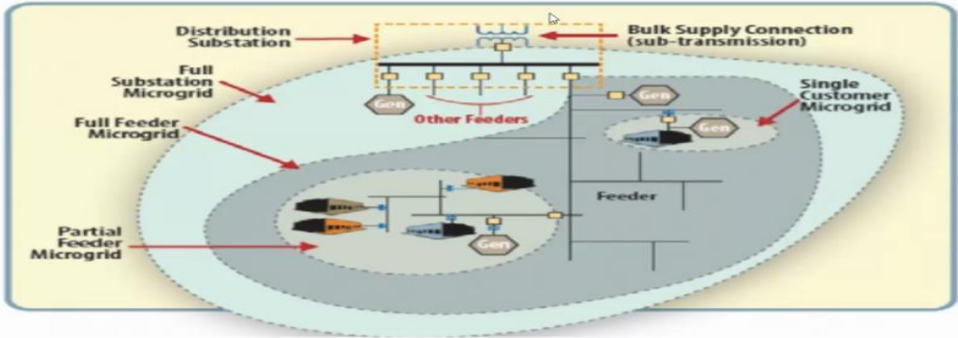



Figure 1: Typical MicroGrids

7

Webex Events File Edit Share View Audio & Video Participant Event Window Help Cisco Webex Events

Speaking: Jagdish Bansal
Rashmi Dadhich Host, me

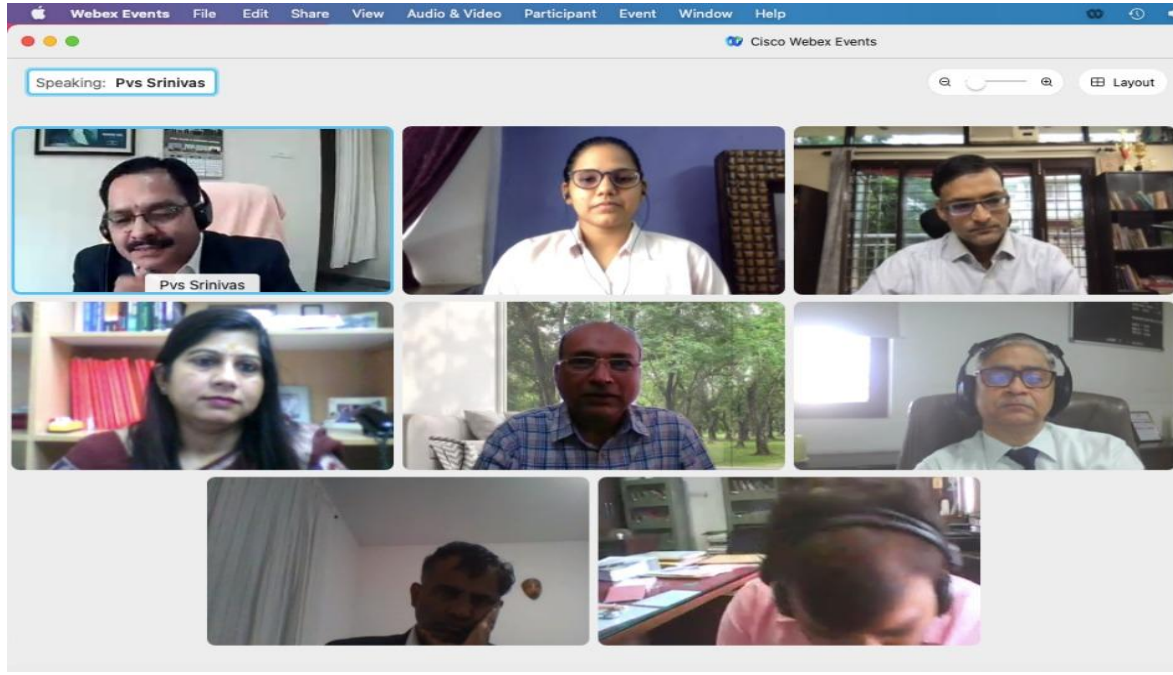
Jaipal Meel



Jagdish Bansal

Unmute Start video Share

ICRASET-2021



Keynote Session**Day 2**

Date: -2/09/2021

The keynote session of day 2 started at 10:00 am. The host of this session was Jancy C Joshwa. The keynote speakers of this session were Dr Ajit Kumar N Shukla (Director, PSIT, Kanpur, India), Dr M V Reddy (Senior Researcher, Institute of Research Hydro-Québec, Canada) and Dr Rajesh Kumar (Professor MNIT, Jaipur).

Dr Ajit Kumar N Shukla topic for the presentation was achieving successful process outcomes where topics like business needs, managing, leadership, implementation, analyzing and the view of the future were thoroughly explained. A space-time-action model was presented making the presentation more analytical and easy to grasp. Dr. Ajit ended his presentation with an explanation of the circle of challenge, peace talks, time think. He also mentioned a book called achieving successful business outcomes at the end.

Dr M V Reddy topic for the presentation was a recent advance on Material for Energy and Environment Engineering. He started with insight into material synthesis and recovery giving the audience a brief about the topic. Topic consisting lithium battery, Nanomaterial, smart plastics and importance of energy storage were discussed building basics for application of smart grid, solar PV technology. The presentation came to end with battery life cycle and sustainability.

Dr Rajesh Kumar topic for the presentation was Convolution neural network concept, architecture, challenges and applications. Dr. Kumar started his presentation with the CNN concept giving the audience a brief about, machine networks, machine learning, steps of ML, deep learning and their respective difference with each other. The keynote presentation ended with a convolution layer and linet 5.

The session ended at 12: 05 pm giving a session runtime of 2 hours and 5 minutes. All the panelists were asked to turn on the camera for a group photograph.

← Rashmi Dadhich (Host, me)
Ajit Shukla
Jancy C Joshwa
Deepti Arela
→ Layout

Viewing Ajit Shukla's ap...

SWAMI KESHU MANAGER TECHNOLOGY, JAIPUR
INTERNATIONAL CONFERENCE ON RECENT ADVANCEMENTS IN SCIENCE, ENGINEERING & TECHNOLOGY, AND MANAGEMENT
 01st - 02nd SEPTEMBER, 2021

PSIT College of Engineering
 Kanpur

← Rashmi Dadhich (Host, me)
Ajit Shukla
Jancy C Joshwa
Deepti Arela
→ Layout

Viewing Ajit Shukla's ap...

SWAMI KESHU MANAGER TECHNOLOGY, JAIPUR
INTERNATIONAL CONFERENCE ON RECENT ADVANCEMENTS IN SCIENCE, ENGINEERING & TECHNOLOGY, AND MANAGEMENT
 01st - 02nd SEPTEMBER, 2021

- Identifying interaction of forces under study
- lens of theory—understanding how the forces bring about change and the circumstances in which those forces are operative
 - what causes what to happen, when and why
- Diagrammatical representation & levers

Managing

- Team
- Client
- Self

Leadership

- Vision
- Inspiration
- Delegation

The View of the Future

- A fix vs a plan
- A short term Solution vs. Long term solution
- Longevity vs disruption in near future

Business Need

- Competitive
- Organizational
- Financial
- Operational

Problem → **The Model** (Intuition, Data) → Solution → **Implementation**

Implementation

- Dedication
- Reaction
- Completion
- Iteration

Analyzing

- Framing
- Designing
- Gathering
- Interpreting

The Framework (3 Pillars)

- Structure
- Buy-in

Presenting

- Structure
- Buy-in

The Transformation Canvas

- The Options- Technology, Process, Metrics, roles...
- The data – study, market, benchmarks,...
- The constraints

PSIT College of Engineering
 Kanpur

Track-1: Computer Science & Engineering/ Information Technology**Date:** -1/09/2021

Technical Session - International Conference on “Recent Advancements in Science, Engineering & Technology, and Management” was held after the thriving Inaugural ceremony and enlightening and informative keynote sessions by Dr. Jagdish Chand Bansal on “Swarm Intelligence: Concepts and Future Perspectives”, Dr. Ali Wagdy Mohamed on “Nature-Inspired Algorithms and Applications” and Dr. Kushal M Jagtap on “Micro Grid: A Solution for Modern-day Energy Challenges”.

The technical chair for the session were Dr. Linesh Raja, Assistant Professor, Department of CSE, Manipal University, Jaipur and Dr. Pankaj Dadhech, Associate Professor and Dy. HOD, Department of CSE, SKIT, Jaipur.

The session was managed by Ms. Dolly Mittal and Mr. Girish Sharma. Ms. Dolly Mittal called the paper authors to present their research work and technical session chair. They asked the questions after their presentation. Total 22 papers were presented in this session with full Enthusiasm .Details of the paper presented in this session is as follows:

S. No.	PAPE R_ID	Time (Approx.)	PAPER TITLE	NAME OF AUTHORS
1.	6	12:30 pm	Automatic Park Management System Using Face, Vehicle Type and License Plate Recognition	Lakshmi Harika Palivela, Shriram G, Easwar Raja S and Divya Darshini K
2.	24	12:40 pm	Sentiment Analysis: A Survey of Techniques and Applications	Mohammad Irsad and Rajiv Ranjan Tewari
3.	31	12:50 pm	Deep Clustering in Health Care analytics	Shabir Ahmad Rather
4.	29	01:00 pm	Survey on medical image processing on cloud	Priyanka Trikha, Dr.Bright Keswani and Dr.Rashid Hussain
5.	39	01:10 pm	Using Biometric Features for Securing Message Transmission	Rubal Gill, Harpreet Gill and Rajat Goel
6.	48	01:20 pm	A Design and Anaysis on blockchain consensus Algorithms	Meenakshi Nawal, Shalini Puri and Shanu Tripathi
7.	50	01:30 pm	Sentiment Analysis using various Machine Learning Algorithms: A comparative Review	Dolly Mittal and Palika Jajoo
8.	51	01:40 pm	Diabetes Prediction & Analysis Model Using Business Intelligence & Machine Learning	Meenakshi Nawal, Sunita Gupta and Nidhi Srivastav
9.	55	01:50 pm	A Comprehensive survey on Fake News Detection	Ritika Garg, Mayank Kumar Jain and Ashish Pant
10.	63	02:00 pm	A Study Paper on Congestion Control at City-Side Curb Area	Deepa Modi, Nidhi Srivastav and Sunita Gupta

11.	76	02:10 pm	Fake News Detection System using Machine Learning	Dr. Shalini Puri, Dr.Meenakshi Nawal and Aakriti Sharma
12.	78	02:20 pm	Security Compliance in Cloud Computing	Priyanka Trikha, Dr.Bright Keswani and Dr.Rashid Hussain
13.	90	02:30 pm	Comparative Study of DBSCAN in reference to Automatic Detection of Parameters	Priyanka Sharma, Nikhar Bhatnagar and Anurag Bhatnagar
14.	95	02:40 pm	Blockchain enabled Smart Ticketing Solution	Yameen Khan, Preeti Indoria and Priyanka Sharma
15.	96	02:50 pm	Edge Computing: An Effective Approach To Big Data Analytics	Mudeet Jain and Pankaj Dadheech
16.	101	03:00 pm	Rumor Detection Using Maching Learning: A Review	Sainyali Trivedi and Mayank Kumar Jain
17.	102	03:10 pm	Brain Tumor Segmentation and growth of the anomalous tissues in Brain using Otsu's method and PCA Algorithm	Pooja Kumari, Dinesh Swami, Dr. Saroj Hiranwal and Ankit Kumar
18.	104	03:20 pm	Review of Heart Disease Prediction Techniques	Anjali Singh and Dr. Neha Janu
19.	100	03:30 pm	Centralized Healthcare System	Dr. Pankaj Dadheech and Ankit Kumar
20.	106	03:40 pm	Secure the Data in Cloud Storage for providing Infrastructure as a Services	Komal Srivastava, Saroj Hiranwal and Ankit Kumar
21.	107	03:50 pm	Optimized Fraud and Object Detection System Using Machine Learning	Lakshman Singh Dhaked and Gaurav Kumar Das
22.	94	04:00 pm	Android Battery Optimizer	Anurag Bhatnagar, Rohan Mulay, Nikhar Bhatnagar and Priyanka Sharma

ICRASET-2021

meet.google.com/mue-azqi-vtu?authuser=2&pli=1

REC Divya Darshini is presenting

Automatic Park Management System Using Face, Vehicle Type and License Plate Recognition

Lakshmi Harika P, Shriram G, Easwar Raja S, Divya Darshini K

MADRAS INSTITUTE OF TECHNOLOGY CAMPUS, ANNA UNIVERSITY, CHENNAI

1:21 PM | fcfg3ttbyp

Participants: Divya Darshini, ICRASET- 2021, Dr. Pankaj Dad..., Girish Sharma, Dr. Shalini Shek..., lakshmi harika, Mural Bhati, 2 others, You.

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REC Ritika Garg is presenting

FAKE NEWS DETECTION ppt - PowerPoint

International Conference On "Recent Advancement In Science, Engineering & Technology And Management" (ICRASET-2021)

TITLE: A Comprehensive Survey on Fake News Using Machine Learning

PAPER_ID : 55
RITIKA GARG(20ESKCS606)
MAYANK KUMAR JAIN(Asst. Prof.)
ASHISH PANT(Asst. Prof.)

1:49 PM | fcfg3ttbyp

Participants: Ritika Garg, ICRASET- 2021, Mayank Jain, Dr. Pankaj Dad..., Dr. Linesh Raja, Girish Sharma, Divya Darshini, 6 others, You.

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REC M Mudeet Jain is presenting

INTERNATIONAL CONFERENCE ON "RECENT ADVANCEMENTS IN SCIENCE, ENGINEERING & TECHNOLOGY, AND MANAGEMENT" (ICRASETM - 2021)

TITLE - EDGE COMPUTING: AN EFFECTIVE APPROACH TO BIG DATA ANALYTICS (PAPER ID- 96)

NAME. MUDEET JAIN, DR. PANKAJ DADHEECH

People

- Add people
- Mayank Jain
- Mudeet Jain
- Mudeet Jain Presentation
- Mumal Bhati
- Nikhar Bhatnagar
- Priyanka Trikha
- Ritika Garg
- Vaidehi Mudgal

2:05 PM | fcfg3ttbyp

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2:05 PM 9/1/2021

REC I Irshad Mohammad is presenting

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAC AIPUR

International Conference On "Recent Advancements in Science, Engineering & Technology, and Management"

Paper ID: 24

Sentiment Analysis: A Survey of Techniques and Applications

By Mohammad Irshad

Dr. Pankaj Dadheech

Rohan Mulay

Priyanka Trikha

You

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REC S shabir rather is presenting

Deep Clustering in Health Care Analytics

Presented By: Shabir Ahmad Rather Research Scholar

shabir rather

ICRASETM-2021

Dr. Pankaj Dadheech

Dr. Linesh Raja

Ritika

Girish Sharma

Dr. Shalini Shek...

4 others

You

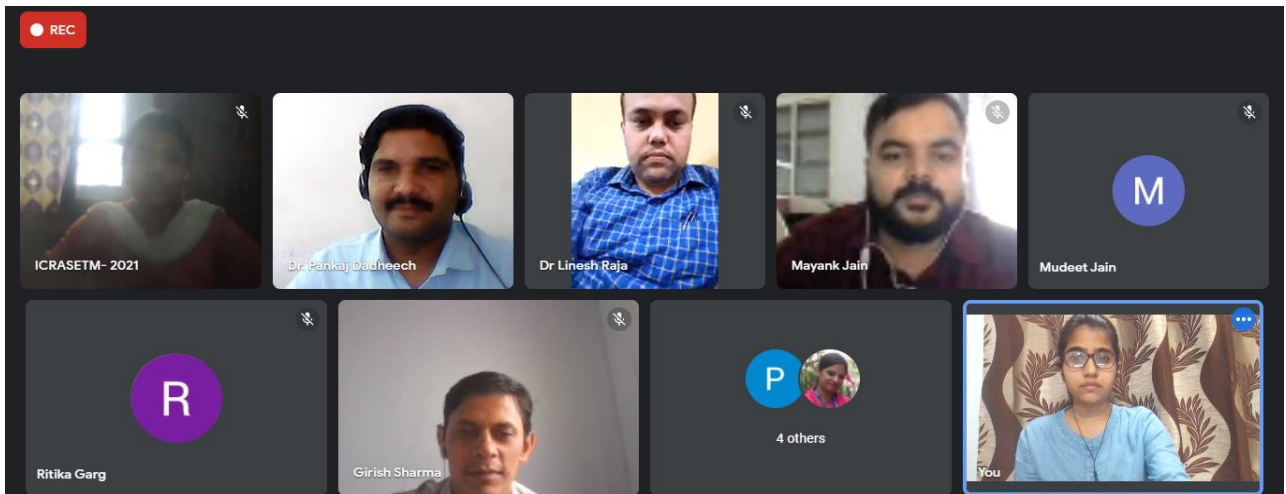
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29°C AQI 43

1:05 PM 9/1/2021

ICRASET-2021

At last, authors were asked to fill the feedback form and the technical session track-1 was ended on a successful note with a group photograph.



Track-2: Electronics & Communication/ Electrical Engineering**Date:-01/09/2021**

On September 1, 2021, the track 2 of the technical session of the first day of the International Conference on Recent Advancements in science, Engineering & Technology and Management (ICRASET M-2021) organized by Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur was held. The session was conducted via google meet platform. It mainly focused on the areas related to “Electronics and Communication Engineering” and “Electrical Engineering”.

The session had the valuable presence of Dr. Vinesh Agarwal, Dr. Sunil Gupta and Dr. Monika Mathur as the technical session chair.. The session began at 12:30 pm by Ms. Jancy C Joshwa who introduced all the technical session chairs along with their achievements.

The session continued with the paper-presentation by various presenters from all over India who presented their valuable work, research papers and creative ideas. There were 15 papers in total presented in the session.

The presentations covered various topics like “*Inter-Satellite Optical Wireless Systems*”, “*A Robot for Sanitizing a Place*”, “*Power Sector Deregulation*”, “*A Novel Smart Car*”, “*Evaluation of Non-Fungible Token*”, etc. which were all briefly explained by the presenters.

In the end, the session was concluded with a group photograph of the entire panelist.

Schedule of the session:

SNo.	PaperID	Time	Paper Title	Name Of Authors
1.	8	12:30 pm	A Review on Pulse Width Reduction (PWR) Techniques and Characterization of DCF, FBG, OPC For PWR	Rahul Kumar and Dr. Amandeep Singh Sappal
2.	41	12:40 pm	Enhancement of Magnetic Resonance Based Images of Brain Tumor: A Review	Hare Krishna Mishra and Manpreet Kaur
3.	42	12:50 pm	Cybersecurity Audit Management and Execution (AE&M) Using CSAM	Saloni and Akamdeep Kaur
4.	44	01:00 pm	A Robot for Sanitizing a Place	Garvit Gupta, Neha Agrawal and Annant Sharma
5.	58	01:10 pm	A Detailed Review of Inter-Satellite Optical Wireless Systems: Architecture, Advantages, Challenges and Applications	Amandeep Kaur, Dr. Lovkesh, Dr. Gurmeet Kaur and Mandeep Kaur
6.	62	01:20 pm	Design and Implementation of Hospital Bed Management During Pandemics and Patient Health Monitoring System	Kavana V, M C Chandrashekhar and M Z Kurian
7.	16	01:30 pm	Origination and Features of Power Sector Deregulation	Shweta Meena, Kavita Jain and Keshav Meena
8.	13	01:40 pm	A review on ultra wide band technology	Arpit Jain and Pallav Rawal
9.	15	01:50 pm	High Speed FPGA Implementation of K-Means Clustering Algorithm for Microarray Data Analysis	Vikas Pathak and Kiran Rathi

10.	32	02:00 pm	An Efficient Technique for Epileptic Seizure Detection Using EEG Signals	Ankit Vijayvargiya, Nidhi Kumari, Roopal Singh, Shaiphali Maheshwari, Shrayansh Bhardwaj, Sunita Choudhary and PraveenSaraswat
11.	33	02:10 pm	Design of a compact Microstrip Patch Antenna for 5G Applications	Uma Rathore and Harshal Nigam
12.	34	02:20 pm	Enhanced Dielectric Properties of Polyaniline based Carbon Nano-composites for Supercapacitor Application	Ajay Kumar Sharma, Praveen Kumar Jain, Manasvi Dixit and Vipin Kumar Jain
13.	37	02:30 pm	Design of antenna for breast cancer detection	Nikunj Kumar Gupta and Monika Mathur
14.	38	02:40 pm	Fourier Transform and Daubechies Wavelet-Based Approach for Differential Protection of Series-Compensated Transmission Lines	Shoyab Ali, Dr. Annapurna Bhargava, Dr. Akash Saxena and Gaurav Kapoor
15.	40	02:50 pm	Photonic Crystal Based all optical AND Logic Gate with High Contrast Ratio	Pushpendra Meena
16.	43	03:00 pm	Dual Band Frequency Reconfigurable Antenna for 5G and Satellite Communication	Birendra Pandey
17.	56	03:10 pm	A Novel Smart Car	Tanu Gambhir and Kiran Rathi
18.	99	03:20 pm	Automotive Health Monitoring System	Simran Arora, Sandeep Singh Rawat, Surbhi Sen and Swati Arora
19.	68	03:30 pm	Evaluation of Non-Fungible Token (NFT)	Priyanshu Lohar and Kiran Rathi
20.	93	03:40 pm	A Novel Approach to Fractional Riccati Equations by Using Laplace Decomposition Method	Deepika Jain and Deepti Arela

Glimpses of the session:

REC Engineers Solutions EE All University is presenting

Introduction

- The inner structure of the brain is too complex and in some unhealthy conditions, abnormal tissues start developing in the brain known as Brain Tumor.
- Due to brain tumor central nervous system, brain, and spinal cord affected, at the present scenario, it became the most common disease of the brain.
- As per the USA cancer society report, by 2021, an estimated total brain tumor and the other nervous system cases will be 24530 of which 13840 are male and 10690 are female.
- This is around 1.3% of overall cancer patients and the death estimate is 18609 including 10500 males and 8100 females, which is around 3.1% of overall death due to cancer.
- Brain tumor types can define as per
 - Primary and secondary tumor
 - Grading as per their modality from grade I to grade IV
 - Benign or Malignant
 - As per location in the brain like, Glioma, Meningioma, pituitary etc.

Brain tumor types and locations: Meningioma, Oligodendroglioma, Astrocytoma, Supratentorial, Ependymoma, Oligo Glioma, Astrocytoma, Craniopharyngioma, Pituitary Tumor, Pineal Region Tumors, Schwannoma, Brain Stem Glioma, Ependymoma, Medulloblastoma, Cerebellar Astrocytoma.

1:21 PM | exxsin2pgu

REC Anant Sharma is presenting

Block Diagram of Proposed Algorithm

```

    graph TD
        Bluetooth --> ARDUINO
        ARDUINO --> PUMP
        ARDUINO --> Nozzel
        ARDUINO --> ROBOTIC_ARM[ROBOTIC ARM]
        ARDUINO --> UltraSonic_Sensor[UltraSonic Sensor]
        ARDUINO --> Driving_Motor_s[Driving Motor's]
        PUMP --> Mist_Sanitizer[Mist Sanitizer]
    
```

1:49 PM | exxsin2pgu

REC Simran Arora is presenting

Fig. Software Programming Flow Chart

```

    graph TD
        Start1([Start]) --> Gen[Generate programming modules.]
        Gen --> Code[Code using Arduino/C codes.]
        Code --> Compile{Compile}
        Compile -- Error --> Code
        Compile -- Correct --> Integrate[Integrate program of all modules.]
        Integrate --> Hex[Make hex files of the program using avrdude.]
        Hex --> Burn[Burn the program into the controller using preloader burner.]
        Burn --> Testing([Testing])
    
```

Fig. Data Communication Flow Chart

```

    graph TD
        Start2([Start]) --> Receive[Receive the data from the sensors.]
        Receive --> Send[Send the data to the cloud services via GSM module.]
        Send --> Process[Process the data and provide it in data format and bar graphs.]
        Process --> Provide[Provide the processed data to user's mobile application via website.]
        Provide --> DataApp([Data on App.])
    
```

2:59 PM | exxsin2pgu

REC 141 Tanu Gambhir is presenting

A NOVEL SMART CAR

Paper id - 56
Presented by - Ms. Tanu Gambhir
B.Tech. ECE, SKIT, Jaipur
Under the supervision of - Ms. Kiran Rathi
Associate Professor, ECE Department, SKIT, Jaipur

Participants: Tanu Gambhir, Priyanshu Lohar, Dr. Vinesh Agarwal, Kiran Rathi, Pushendra sewra, Dr. Monika Mathur, Sushovan Roy, 14 others, You.

3:13 PM | exxsin2pgu

REC A Amandeep Kaur is presenting

ABSTRACT

Satellite communications systems allow a whole new race of civilian and defence operations in surveillance, telecommunications, object tracking, and space exploration. Since independent satellites are restricted by volume, space, and strength, bulk small satellites production in large constellations or clusters may be effective for a range of science missions such as gravity mapping, wildfire monitoring, and water management exploration, among others. Through the use of multi-satellite systems, the development of communications satellites would enable a fuller insight of the near-Earth environment and offer an efficient and cost effective means of accessing space. As a result, when satellites are designing, inter-satellite communication is an utmost point to be considered. The numerous researches being performed in the satellite communications for introducing multi-communications based on different orbits are described in this study. Inter satellite optical wireless communication (IoWC) systems over radio frequency based communication are preferred due to large bandwidth, high speed, absence of electromagnetic interference (EMI), lower transmission losses and improved security. We also present a detailed listing of challenges in IoWC such as pointing ahead angle, doppler shift, satellite vibration and tracking, background noise, acquisition, tracking and pointing errors.

Participants: Amandeep Kaur, Dr. Vinesh Agarwal, Dr. Monika Mathur, Tanu Gambhir, Sushovan Roy, Kiran Rathi, Pushendra sewra, 11 others, You.

3:28 PM | exxsin2pgu

REC N Nidhi Kumari is presenting

SKIT International Conference on Recent Advancements in Science, Engineering & Management (ICRASET-2021)

Preprocessing

➤ EEG signal is contaminated by various types of noises which is known as artifacts. Preprocessing is the method of removing these artifacts from EEG data to make it suitable for further analysis and classification [5].

➤ In this work, we have used discrete wavelet transform (DWT) for preprocessing.

➤ There are 3 steps to perform signal preprocessing using DWT-

- 1) Apply DWT for removing noise.
- 2) Perform Thresholding [6].
- 3) Apply Inverse DWT to get the reconstructed signal.

Participants: Nidhi Kumari, Amandeep Kaur, Dr. Monika Mathur, Tanu Gambhir, Kiran Rathi, Pushendra sewra, Sushovan Roy, 8 others, You.

3:41 PM | exxsin2pgu

Track-3: Mechanical Engineering/ Civil Engineering

Date: 02/09/2021

The track 3 of the technical sessions, on the second day of the International Conference on Recent Advancements in science, Engineering & Technology and Management (ICRASET-2021) organized by Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur was held On September 2, 2021 from 12:30 pm to 3:00 pm. The session was conducted via google meet platform. It mainly focused on the areas related to “Mechanical Engineering” and “Civil Engineering”.

Dr. Ashish Nayyar and Dr. Manoj Kumar Sain were the session chairs. Dr. Chandan Kumar coordinated the session management. The session began at 12:30 pm by Ms. Ekta Bhardwaj who introduced all the technical session chairs along with their achievements. The session continued with paper presentations by various presenters from all over India who presented their valuable work, research papers and creative ideas. There were in total 09 papers presented in the session. The presentations covered various topics which are shown in table below. At the end, session was concluded with a group photograph of the entire panelist

Paper ID	Paper title	Presenter
21	A Comparative Study of Dynamic Approaches for Allocating Crossover and Mutation Ratios for Genetic Algorithm-based Optimization of Wind Power Generation Cost in Jafrabad Region in India	PrasunBhattacharjee
7	An Experimental Investigation of Hydroxy-Diesel Mixture Fuel's Performance and Emission on Agricultural Stationary Diesel Engine	NitinGoyal
36	Design and Fabrication of Man Powered Crop Cutter	Madhukar Kumar
47	Cost reduction in copper Refining unit by improving material handling through layout	Vinay SINGH Marwal
52	Foldable Child Carrier cum Luggage Trolley	Sudhanshu Jain
64	Prediction Model of cutting parameters in drilling operation using Response surface methodology (RSM) for Surface Roughness	SudeshGarg
75	Lateral Response of Short Rigid Pile	Tilak Raj Meena
82	Free Vibration analysis of functionally graded piezoelectric thin to thick plate by using Finite Element Method	Trivendra KumarSharma
97	Optimization of Mixture Inventory System subject to OSL and Fill Rate constraint	AchinSrivastav
88	Performance Analysis of Single Slope Solar Still With Wick Material Mixed Al Fins	Praveen Saraswat

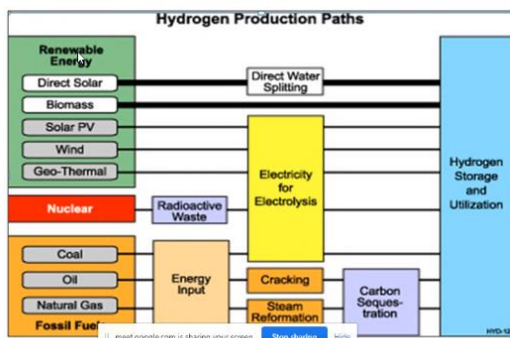
Why Do We Need Wind Power?

- ❖ Better for the environment
- ❖ Better for our health
- ❖ Energy in abundance
- ❖ Cheaper to run

meet.google.com is sharing your screen. Stop sharing Hide

Ankit Agrawal has raised a hand. Open queue X

Production of Hydrogen



meet.google.com is sharing your screen. Stop sharing Hide

Add people

- Dr. Manoj Kumar Sain Meeting host
- Ekta Bhardwaj
- Madhukar Kumar Raichand
- Nitin Goyal
- Nitin Goyal Presentation
- Prasn Bhattacharjee
- Praveen Saraswat
- SIDDHARTH AGARWAL

Madhukar Kumar Raichand is presenting

METHODOLOGY
Methodology is a system and theory analysis corresponding to the theoretical analysis of methods and principles used in research or related to the research branch.

- Study the current mechanism
- Field research
- Identify potential problems
- Definition of the problem
- Literature review
- Lawn mower design
- Calculation
- Manufacturing

People

Add people

- Asish Nayar
- Dr. Akash Saxena
- Dr. Manoj Kumar Sain Meeting host
- Ekta Bhardwaj
- Ekta Tank
- Madhukar Kumar Raichand
- Madhukar Kumar Raichand Presentation
- Prasn Bhattacharjee

1:50 PM | anfmw07qhn



Activate Windows
Go to Settings to activate Windows

V S Marval is presenting

Methodology

- Study of Process .
- Discussion with plant personnel of Industrial Engineering department.
- Study of relevant literature
- Data collection
- Analysis of Current process
- New layout & Suggestions

6

2:33 PM | anfmwo7qhn

People

- Add people
- Ekta Tank
- Madhukar Kumar Raichand
- Prasun Bhattacharjee
- SIDDHARTH AGARWAL
- Sudhanshu Jain
- Tilak Raj Meena
- V S Marval
- V S Marval Presentation

Sudhanshu Jain is presenting

Content

1. Introduction
2. Objectives
3. Design procedure
4. Result Analysis
5. Conclusions and Future scope
6. References

2:01 PM | anfmwo7qhn

People

- Add people
- Search for people
- In call
- ICRASETM- 2021 (You)
- Anshul Kumar Yadav
- Asish Nayar
- Dr. Manoj Kumar Sain Meeting host
- Ekta Bhardwaj
- Ekta Tank

CAUSE & EFFECT DIAGRAM

- The motivation behind the **Cause and Effect Diagram** to find out the varieties of the **Drilling procedure parameters on responses** .
- Different parameters shifted within the experimentation are **Spindle speed, Feed Rate and Depth of Cut**.
- The impacts of these parameters are examined on **Surface Roughness and MRR** .

13

People

- Add people
- ICRASETM- 2021 (You)
- Ankit Agrawal
- Anshul Kumar Yadav
- Asish Nayar
- Dr. Manoj Kumar Sain Meeting host
- Ekta Bhardwaj
- Nitin Goyal
- Praveen Saraswat

Ekta Tank is presenting

IS CODE ON SHORT RIGID PILE

As per IS 2911 (Part 1/Sec 2):2010

S. No.	Type of pile behaviour	Relation of embedded length with stiffness factor (Stiffness factor increases linearly increasing)	Relation of embedded length with stiffness factor (Constant)
1	Short rigid pile	$L \leq 2T$	$L \leq 2R$
2	Long elastic pile	$L \geq 4T$	$L \geq 3.5R$

Dr. Manoj Kumar Sain

Tilak Raj Meena

8 others

You

People

Add people

- Dr. Manoj Kumar Sain Meeting host
- Ekta Bhardwaj
- Ekta Tank
- Ekta Tank Presentation
- Madhukar Kumar Raichand
- Prasun Bhattacharjee
- SIDDHARTH AGARWAL
- Tilak Raj Meena

3:08 PM | anfmw7qhn

Trivendra Sharma is presenting

Presentation on

Free vibration analysis of functionally graded piezoelectric thin to thick plate using finite element method

Paper Id-82

ICRASET-2021

Presented by:
Trivendra Kumar Sharma
Department of Mechanical Engineering

Trivendra Sharma

Ekta Bhardwaj

7 others

You

People

Add people

- Dr. Manoj Kumar Sain Meeting host
- Ekta Bhardwaj
- Prasun Bhattacharjee
- SIDDHARTH AGARWAL
- Sudhanshu Jain
- Trivendra Sharma
- Trivendra Sharma
- Trivendra Sharma Presentation

2:14 PM | anfmw7qhn

Achin Srivastav is presenting

INTRODUCTION (contd.)

Inventory managers often find difficult to determine the exact cost of stockout cost and this leads to erroneous assumption of stockout cost.

Service levels are used:

To substitute stockout costs, when intangible components such as loss of goodwill and potential delays are associated with shortage costs.

When it becomes difficult to determine exact value of stockout cost.

Achin Srivastav

Dr. Manoj Kumar Sain

8 others

You

People

Add people

- Anshul Kumar Yadav
- Asish Nayar
- Dr. Manoj Kumar Sain Meeting host
- Ekta Bhardwaj
- Ekta Tank
- Madhukar Kumar Raichand
- Prasun Bhattacharjee
- SIDDHARTH AGARWAL

2:56 PM | anfmw7qhn

Track-4: Basic Sciences/ MBA**Date:** 02/09/2021

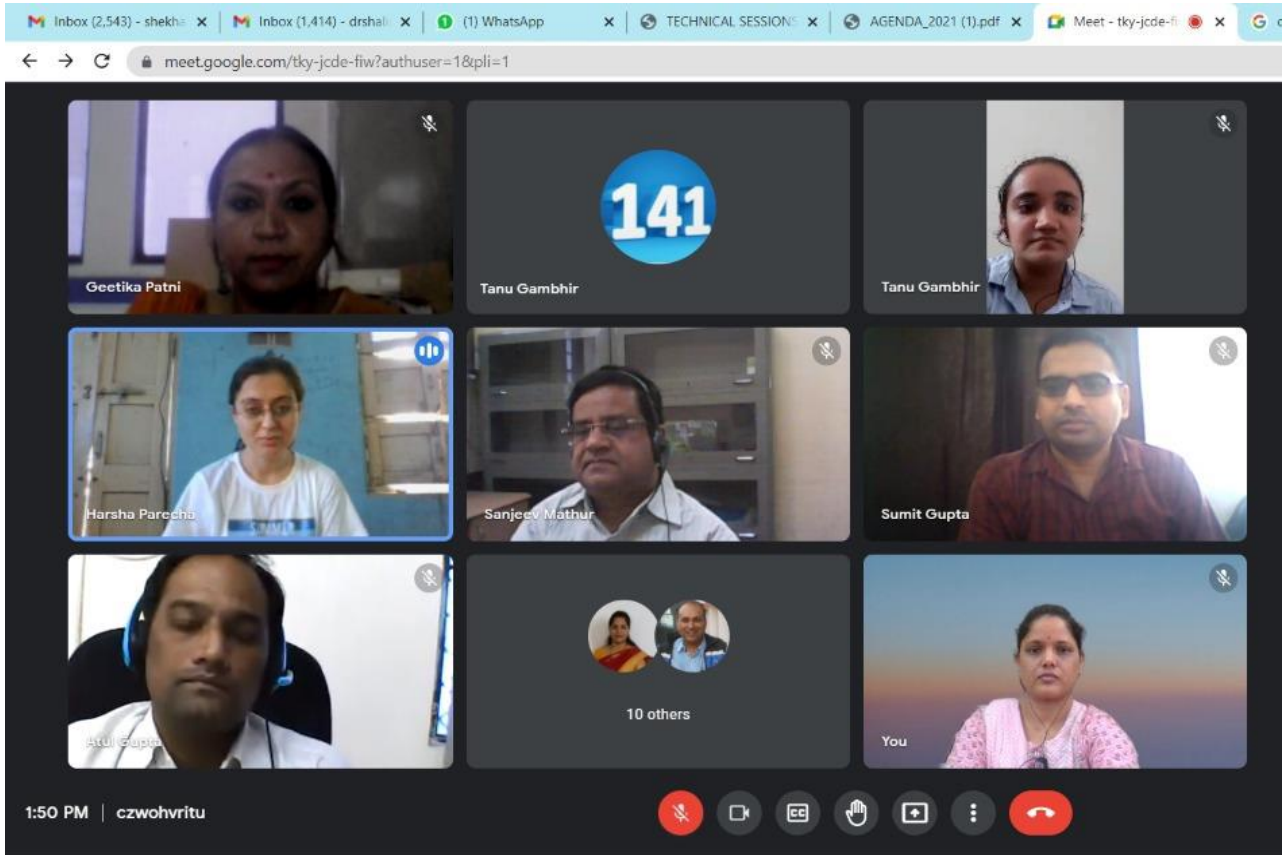
Technical session, Track-4 was held on the second day of International Conference on Recent Advancements in science, Engineering & Technology and Management (ICRASET-2021) organized by Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur. The main area of highlights was “Basic Sciences/MBA”. Session was conducted through google meet.

Dr. Shalini Kulshrestha (Dean of Jaipur Institute of Technology) and Dr. S. K. Mathur were there as our session chair. The session coordinators were Dr. Shalini Shekhawat Dr. Geetika Patni & Dr. Atul Gupta, as our session management. The session began at 12:30 pm. The technical session chairs were introduced by session coordinator Ms. Tanu Gambhir and then session led to the paper presentation by the presenters from different places that showcased their valuable works, ideas and researches. The various topics that were covered in the presentations were “ADTECH: The Essence of Modern Organizations”, “Dealing with Impact of Pandemic COVID-19 on Indian Economy and Supply Chains”, “Emerging Business Trends during COVID 19 Era”, “A Study on Benefits, Challenges and Factors Obstructing the Growth of Ecommerce in Business World”, etc. This was perfectly briefed by the presenters.

In the end, session was concluded with a thanking note and a group photograph.

S.No.	Paper Id	Time (approx.)	PAPER TITLE	NAME OF AUTHORS
1.	19	12:30 pm	Use of leaves as bioindicator to assess air pollution based on composite proxy measure (APTI) in transport and miningsitesaroundBrajrajnagar of Jharsuguda district, Odisha, India.	Binita Sahu, Amitabh Mahapatra, Ditik rushna Sahu & Bibhudatta Pradhan
2.	59	12:40 pm	Synthesis and Investigation of Mn(III) Complexes	Neha Jain
3.	103	12:50 pm	ADTECH: The Essence of Modern Organizations	Tapashi Dasgupta
4.	105	01:00 pm	Triple Band Elliptical Shaped Microstrip Patch Antenna for Modern Communication System	Pawan Kumar Jain, Brajraj Sharma, Ajay Kumar Sharma and Rajiv Kumar
5.	11	01:10 pm	Dealing with Impact of Pandemic COVID-19 on Indian Economy and Supply Chains	Dr. Hem Ahuja and Gagan deep Kaur
6.	25	01:20 pm	Challenges and Application of Wireless Network after the COVID-19	Shubhi Jain, Tara Chand Soni, Kiran Rathi
7.	46	01:30 pm	Study of optical properties of gold structure for plasmonics applications	Rajiv Kumar, Pawan Jain, Ajay Sharma and Palika Jajoo
8.	69	01:40 pm	Emerging Business Trends during COVID 19 Era	Dr. Savita Choudhary, Dr .Priyanka Bhaskar
9.	79	01:50 pm	Future Perspective of Digital Education in India: Scope and Challenges	Atul Gupta and Ona Ladiwal
10.	80	02:00 pm	Correlation Analysis of Sales and Working Capital (An Analytical Study of IFFCO Ltd.)	Ona Ladiwal and Atul Gupta
11.	81	02:10 pm	A Study on Benefits, Challenges and Factors Obstructing the Growth of ECommerce in Business World	Dr. Priyanka Bhaskar and Dr. Savita Choudhary
12.	85	02:20 pm	Study of Skills of Successful Management Professionals During Global Pandemic Era	Sanjeev Mathur and Shivan Mathur
13.	98	02:30 pm	A Study on Debit and Credit Card Services of Nationalised Banks after Demonetization in Amravati City	Ms. Harsha S. Parecha and Dr. Mahesh C. Dabre

Glimpses of the session



International Conference
on
**Recent Advancements in Science, Engineering
& Technology, and Management**
(ICRASET-2021)



Presentation on
Use of leaves as bioindicator to assess air pollution
based on composite proxy measure (APTI) in
transport and mining sites around Brajrajnagar of
Jharsuguda district, Odisha, India

By
Binita Sahu
Amitabh Mahapatra
Ditikrushna Sahu
Bibhudatta Pradhan

The image shows a Microsoft PowerPoint slide titled "What is AdTech". The slide is displayed in a presentation window with a ribbon at the top containing tabs like Home, Insert, Design, Animations, Slide Show, Review, and View. On the left, there is a "Slides" pane showing a list of four slides. The main slide area features a blue and purple background with a laptop and the text "What is AdTech". To the right of the background image is a white box containing a bulleted list of definitions for AdTech. At the bottom of the slide, there is a "Click to add notes" prompt.

- **Adtech is the acronym for Advertising Technology.**
- Ad tech is the umbrella term for the software and tools that help companies/brands target, deliver, and analyze their digital advertising efforts.
- **AdTech software targets, delivers, or analyzes data to make digital marketing successful.**

“Valedictory Function”

Date: - 02/09/2021

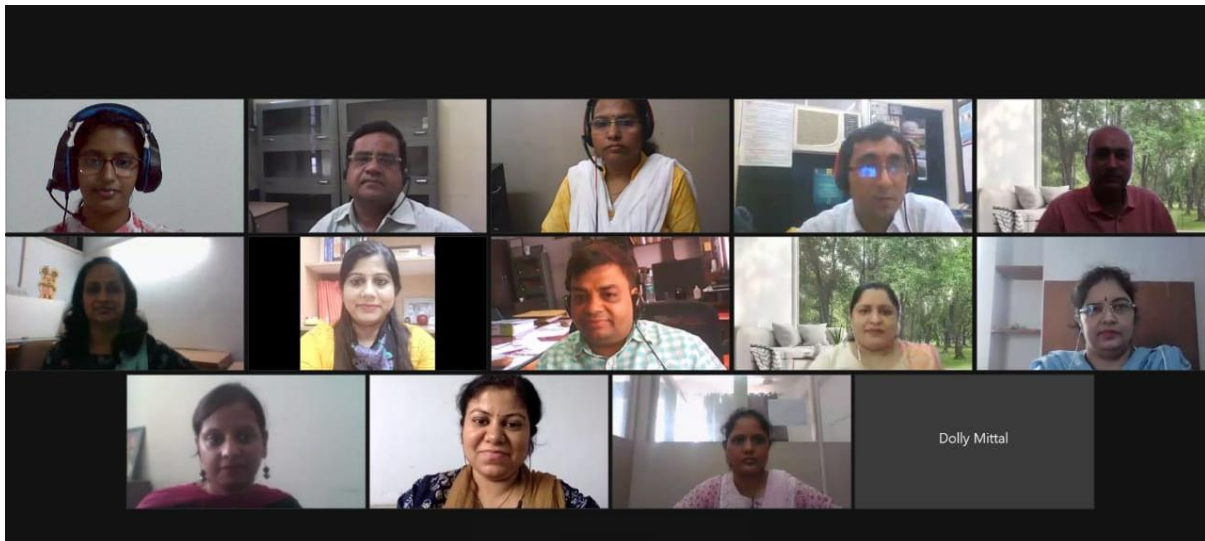
The Valedictory Function started at 3:00 p.m. and was led by Jancy C Joshwa. She welcomed all the delegates for contributing to this conference from different corners of the globe. She informed about the event which brought us together and thanked to Dr. Akash Saxena and Dr. Mukesh Gupta.

She invited Dr. Archana Saxena (‘E’ Cell Department); she further put light on the position of India’s the level of development when compare to global reach. India now passed a 14000cr bill for the growth of science and technology. For the report of the conference Dr. Shalini Shekhawat mentioned special word for the keynote speaker: Dr. Kushal M Jagtap, Assistant Professor, National Institute of Technology, Srinagar, who spoke on the topic “Micro Grid: A solution for Modern-day Energy Challenges”, Dr. Ali Wagdy Mohamed, Associate Professor, Cairo University, Egypt, and the topic was “Nature-Inspired Algorithms & Applications”. Dr. Shalini Shekhawat informed that more than 100 papers were submitted from which only 75 are selected for the conference. To make sure everything to go smoothly and systematically the technical sessions were divided into 4 tracks.

Sanjeev Mathur (MBA Department) explained some of the major point as following: making the world a better place to live, Covid’s effect on economic system and also the crises of jobs. He also appreciated the paper solution to audio and video availability.

Mr. Priyanshu refered it as an outstanding conference and mentioned that all the other paperwork was also appreciated as bye there thought. Ms. Deepti Arela payed gratitude to the chief guest Dr. Jagdish Chand Bansal and to the guest of honour Dr. P.V.S. Srinvas for their valuable time.

Some Glimpses



ICRASET-2021



CONFERENCE OUTCOMES

1. Raise and disseminate awareness about upcoming research areas, issues and success stories.
2. Such activity will affect the teaching learning process in a positive manner, as the academia will get acquainted with recent trends in the domain of Electronics and Communication Engineering, Electrical and Electronics Engineering, Computer Science and Engineering.
3. The visionary and modus operandi of several developed nations will also be shared so that we can also learn some lessons.
4. Foster the culture of innovative research among academia and industries.
5. The delegates will gain a greater understanding through high profile keynote addresses, presentations and discussion sessions coupled with real practical applications.

BENEFITS TO DELEGATES ATTENDING THE CONFERENCE

1. **Skill improvement:** Learning new ideas and approaches in conferences make delegates more effective and efficient at work.
2. **Meeting experts and influencers face-to-face:** Conferences offer the opportunity to delegates to meet business leaders and to position as an expert in his/her field.
3. **Network:** Good conferences offer the opportunity for delegates to mix and mingle, form new relationships and strengthen existing ones.
4. **Explore new ways of working:** A well run conference will help faculty curate new ideas. Even though there is lot information on the web, conferences will cut through the clutter to deliver the best content specific.
5. **Break out of comfort zone:** Conferences force the delegates to break out of comfort zone. Breaking out of comfort zone is just the type of action that is necessary to break out of old ways of thinking.
6. **Get greater focus:** The flip side of learning new things is relearning classic techniques. Conferences create opportunities for greater focus and reflection that could help delegates to take ideas to the next level.
7. **Get access to pre-conference workshops:** Pre-conference workshops offer even more learning opportunities that connect attendees in an intimate learning environment. These workshops are specific to conference themes and a great build-up to the main conference.
8. **Grow:** Conferences provide a unique convergence of networking, learning and fun into a single package.

NEWS & MEDIA

The performing artists will include – Vicky Khandelwal, Sonu Parihaar, Abhimanyu, Raja Hasan and Rohan.



Technological Advancement

CITY FIRST

Swami Keshvanand Institute of Technology, Management and Garmothan Jaipur inaugurated a two day International Conference on Recent Advancements in Science, Engineering & Technology and Management (ICRASET-2021) on Wednesday. The chief guest during the conference was Dr Jagdish Chand Bansal, Associate Professor, South Asian University, New Delhi and the guests of honour



During the virtual conference

were Dr PVS Srinivas, Principal, Vignana Bharathi Institute of Technology, Hyderabad and Dr Ganshyam Singh, Professor, MNIT, Jaipur. Dr Akash Saxena welcomed the guests and participants. Dr Pankaj

Dadhich, Monika Mathur, Shalini Shekawat, Deepti Arela and Dr Mukesh Gupta, were also present during the event. The session which shall take place today will further provide a brief on the topic.

cityfirst@firstindia.co.in



जयपुर सिटी भास्कर 02-09-2021

एसकेआईटी में दो दिवसीय कॉन्फ्रेंस शुरू

जयपुर। स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी मैनेजमेंट एंड ग्रामोत्थान (एसकेआईटी) रामनगरिया, जगतपुरा महाविद्यालय में दो दिवसीय 'इंटरनेशनल



कॉन्फ्रेंस ऑन रीसेंट एडवांसमेंट्स इन साइंस, इंजीनियरिंग एंड टेक्नोलॉजी एंड मैनेजमेंट' की शुरुआत हुई। मुख्य अतिथि डॉ. जगदीश चंद्र बंसल, एसो. प्रोफेसर साउथ एशियन यूनिवर्सिटी नई दिल्ली रहे। विशिष्ट अतिथि डॉ.

पीवीएस श्रीनिवास, प्रधानाध्यापक, विज्ञान भारती, इंस्टीट्यूट ऑफ टेक्नोलॉजी, हैदराबाद और प्रो. घनश्याम सिंह एमएनआईटी, जयपुर रहे। मिस्र के मुख्य वक्ता डॉ. अली वागड़ी मोहम्मद ने ऑप्टिमाइजेशन के भिन्न प्रकारों पर तथा उनकी औद्योगिक उपयोगिता पर व्याख्यान दिया। डॉ. कुशल जगताप, एनआईटी श्रीनगर ने माइक्रो ग्रीड के महत्व पर विस्तार से चर्चा की। कॉन्फ्रेंस के संयोजक डॉ. आकाश सक्सेना ने अतिथियों का स्वागत किया।

एसकेआईटी मे दो दिवसीय इंटरनेशनल कांफ्रेंस आयोजित



P3 Police Public Politics

जयपुर ! स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी मैनेजमेंट एंड ग्रामोत्थान (एस.के.आई.टी) रामनगरिया, जगतपुरा, जयपुर महाविद्यालय में सितम्बर 1, 2021 को दो दिवसीय इंटरनेशनल कांफ्रेंस ऑन रीसेंट एडवांसमेंट्स इन साइंस, इंजीनियरिंग एंड टेक्नोलॉजी, एंड मैनेजमेंट का आयोजन हुआ। कार्यक्रम के मुख्या अतिथि डॉ. जगदीश चंद्र बंसल, असो. प्रोफेसर साउथ एशियन यूनिवर्सिटी नई दिल्ली थे। अपने उद्बोधन में डॉ. बंसल ने स्वार्म इंटेलिजेंस एवं उसके औद्योगिक उपयोग पर विस्तृत चर्चा करते हुए कहा की स्वार्म ड्रोन्स का आने वाले समय में बहुतायत से उपयोग होगा जिससे देश स्वायत्ता की तरफ अग्रसित होगा। समारोह के विशिष्ट अतिथि डॉ. पी वी एस श्रीनिवास, प्रधानाध्यापक, विज्ञानं भारती, इंस्टीट्यूट ऑफ टेक्नोलॉजी, हैदराबाद और प्रो. घनश्याम सिंह MNIT जयपुर ने उपस्थित समस्त प्रतिभागियों को अनुसन्धान के क्षेत्र में उत्कृष्ट कार्य करने के लिए प्रेरित किया।

मिस्र के मुख्या वक्ता डॉ. अली वागड़ी मोहम्मद ने ऑप्टिमाइजेशन के भिन्न प्रकारों पर तथा उनकी औद्योगिक उपयोगिता पर व्याख्यान दिया। साथ ही डॉ. कुशल जगताप, NIT श्रीनगर ने माइक्रो ग्रिड के महत्व पर विस्तार से चर्चा की। इस अवसर पर कांफ्रेंस के संयोजक डॉ. आकाश सक्सेना ने सभी अतिथियों का स्वागत किया। समारोह में संसथान के अध्यक्ष श्री सुरजा राम मील, निदेशक श्री जयपाल मील, प्रधानाध्यापक, डॉ. रमेश कुमार पचार ने अपनी उपस्थिति से कार्यक्रम के संयोजकों का उत्साहवर्धन किया। श्री जयपाल मील ने भविष्य में अनुसन्धान को प्रोत्साहित करने के लिए SKIT की प्रतिबद्धता को दोहराया। समारोह के सह संयोजकों डॉ. पंकज दाधीच, डॉ. मोनिका माथुर, डॉ. शालिनी शेखावत और दीप्ति अरेला ने कांफ्रेंस के विभिन्न पहलुओं पर विस्तार से चर्चा की वृत्त समारोह के अंत में कांफ्रेंस के संयोजक डॉ. मुकेश गुप्ता ने सभी आये अतिथियों एवं प्रतिभागियों का धन्यवाद ज्ञापित किया।

वर्कशॉप में एक्सपर्ट्स ने दिए टिप्स

खबरों की दुनिया

जयपुर। स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी (एसकेआईटी) में दो दिवसीय 'इंटरनेशनल कॉन्फ्रेंस ऑन रीसेंट एडवांसमेंट्स इन साइंस, इंजीनियरिंग एंड टेक्नोलॉजी, एंड मैनेजमेंट' का आयोजन हुआ। कार्यक्रम के मुख्य अतिथि एशियन यूनिवर्सिटी दिल्ली के डॉ. जगदीश चंद्र बंसल ने स्वामि इंस्टीट्यूट्स एवं उसके औद्योगिक उपयोग पर विस्तृत चर्चा करते हुए कक्षा की स्वामि ट्रेनिंग का आने वाले समय में बहुतायत से उपयोग होगा जिससे देश स्वायत्तता की तरफ अग्रसर होगा।

समारोह के विशिष्ट अतिथि हैदराबाद से डॉ. पीवीएस श्रीनिवास और एमएनआईटी के प्रो. घनश्याम सिंह जयपुर ने उपस्थित समस्त प्रतिभागियों को अनुसंधान के क्षेत्र में उत्कृष्ट कार्य करने के लिए प्रेरित किया। मुख्य वक्ता डॉ. अली वागड़ी मोहम्मद ने ऑप्टिमाइजेशन के भिन्न प्रकारों पर तथा उनकी औद्योगिक उपयोगिता पर व्याख्यान दिया। एनआईटी श्रीनगर के डॉ. कुशल जगताप ने



माइक्रो ग्रिड के महत्व पर विस्तार से चर्चा की।

समारोह में संस्थान के अध्यक्ष सुरजराज मील, निदेशक जयपाल मील, प्रधानाध्यापक, डॉ. रमेश कुमार पचार ने कार्यक्रम के संयोजकों का उत्साहवर्धन किया। समारोह के सह संयोजकों डॉ.

पंकज दाधीच, डॉ. मोनिका माधुर, डॉ. शालिनी शेखावत और दीप्ति अरेला ने कॉन्फ्रेंस के विभिन्न पहलुओं पर विस्तार से चर्चा की। समारोह के अंत में कॉन्फ्रेंस संयोजक डॉ. मुकेश गुप्ता ने सभी अतिथियों एवं प्रतिभागियों को धन्यवाद दिया।



जयपुर सिटी भास्कर 02-09-2021

एसकेआईटी में दो दिवसीय कॉन्फ्रेंस शुरू

जयपुर। स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी मैनेजमेंट एंड ग्रामोत्थान (एसकेआईटी) रामनगरिया, जगतपुरा महाविद्यालय में दो दिवसीय 'इंटरनेशनल



कॉन्फ्रेंस ऑन रीसेंट एडवांसमेंट्स इन साइंस, इंजीनियरिंग एंड टेक्नोलॉजी एंड मैनेजमेंट' की शुरुआत हुई। मुख्य अतिथि डॉ. जगदीश चंद्र बंसल, एसो. प्रोफेसर साउथ एशियन यूनिवर्सिटी नई दिल्ली रहे। विशिष्ट अतिथि डॉ.

पीवीएस श्रीनिवास, प्रधानाध्यापक, विज्ञान भारती, इंस्टीट्यूट ऑफ टेक्नोलॉजी, हैदराबाद और प्रो. घनश्याम सिंह एमएनआईटी, जयपुर रहे। मिस्र के मुख्य वक्ता डॉ. अली वागड़ी मोहम्मद ने ऑप्टिमाइजेशन के भिन्न प्रकारों पर तथा उनकी औद्योगिक उपयोगिता पर व्याख्यान दिया। डॉ. कुशल जगताप, एनआईटी श्रीनगर ने माइक्रो ग्रिड के महत्व पर विस्तार से चर्चा की। कॉन्फ्रेंस के संयोजक डॉ. आकाश सक्सेना ने अतिथियों का स्वागत किया।

एसकेआईटी मे दो दिवसीय इंटरनेशनल कांफ्रेंस आयोजित



P3 Police Public Politics

जयपुर ! स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी मैनेजमेंट एंड ग्रामोत्थान (एस.के.आई.टी) रामनगरिया, जगतपुरा, जयपुर महाविद्यालय में सितम्बर 1, 2021 को दो दिवसीय इंटरनेशनल कांफ्रेंस ऑन रीसेंट एडवांसमेंट्स इन साइंस, इंजीनियरिंग एंड टेक्नोलॉजी, एंड मैनेजमेंट का आयोजन हुआ। कार्यक्रम के मुख्या अतिथि डॉ. जगदीश चंद्र बंसल, असो. प्रोफेसर साउथ एशियन यूनिवर्सिटी नई दिल्ली थे। अपने उद्बोधन में डॉ. बंसल ने स्वार्म इंटेलिजेंस एवं उसके औद्योगिक उपयोग पर विस्तृत चर्चा करते हुए कहा की स्वार्म ड्रोन्स का आने वाले समय में बहुतायत से उपयोग होगा जिससे देश स्वायत्ता की तरफ अग्रसित होगा। समारोह के विशिष्ट अतिथि डॉ. पी वी एस श्रीनिवास, प्रधानाध्यापक, विज्ञानं भारती, इंस्टीट्यूट ऑफ टेक्नोलॉजी, हैदराबाद और प्रो. घनश्याम सिंह MNIT जयपुर ने उपस्थित समस्त प्रतिभागियों को अनुसन्धान के क्षेत्र में उत्कृष्ट कार्य करने के लिए प्रेरित किया।

मिस्र के मुख्या वक्ता डॉ. अली वागड़ी मोहम्मद ने ऑप्टिमाइजेशन के भिन्न प्रकारों पर तथा उनकी औद्योगिक उपयोगिता पर व्याख्यान दिया। साथ ही डॉ. कुशल जगताप, NIT श्रीनगर ने माइक्रो ग्रिड के महत्व पर विस्तार से चर्चा की। इस अवसर पर कांफ्रेंस के संयोजक डॉ. आकाश सक्सेना ने सभी अतिथियों का स्वागत किया। समारोह में संसथान के अध्यक्ष श्री सुरजा राम मील, निदेशक श्री जयपाल मील, प्रधानाध्यापक, डॉ. रमेश कुमार पचार ने अपनी उपस्थिति से कार्यक्रम के संयोजकों का उत्साहवर्धन किया। श्री जयपाल मील ने भविष्य में अनुसन्धान को प्रोत्साहित करने के लिए SKIT की प्रतिबद्धता को दोहराया। समारोह के सह संयोजकों डॉ. पंकज दाधीच, डॉ. मोनिका माथुर, डॉ. शालिनी शेखावत और दीप्ति अरेला ने कांफ्रेंस के विभिन्न पहलुओं पर विस्तार से चर्चा की ठू समारोह के अंत में कांफ्रेंस के संयोजक डॉ. मुकेश गुप्ता ने सभी आये अतिथियों एवं प्रतिभागियों का धन्यवाद ज्ञापित किया।



The performing artists will include – Vicky Khandelwal, Sonu Parihaar, Abhimanyu, Raja Hasan and Rohan.



Technological Advancement

CITY FIRST

Swami Keshvanand Institute of Technology, Management and Garmothan Jaipur inaugurated a two day International Conference on Recent Advancements in Science, Engineering & Technology, and Management (ICRASET-2021) on Wednesday. The chief guest during the conference was Dr Jagdish Chand Bansal, Associate Professor, South Asian University, New Delhi and the guests of honour



were Dr PVS Srinivas, Principal, Vignana Bharathi Institute of Technology, Hyderabad and Dr Ganshyam Singh, Professor, MNIT, Jaipur. Dr Akash Saxena welcomed the guests and participants. Dr Pankaj

Dadhich, Monika Mathur, Shalini Shekawat, Deepti Arela and Dr Mukesh Gupta, were also present during the event. The session which shall take place today will further provide a brief on the topic.

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During the virtual conference

वर्कशॉप में एक्सपर्ट्स ने दिए टिप्स 'ड्रॉन्स के उपयोग से स्वायत्तता की ओर अग्रसर होगा देश'



जयपुर @ पत्रिका. स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी (एसकेआइटी) में दो दिवसीय 'इंटरनेशनल कांफ्रेंस ऑन रीसेंट एडवांसमेंट्स इन साइंस, इंजीनियरिंग एंड टेक्नोलॉजी एंड मैनेजमेंट' का आयोजन हुआ। मुख्य अतिथि एशियन यूनिवर्सिटी दिल्ली के डॉ. जगदीश बंसल ने कहा कि स्वार्म ड्रॉन्स का आने वाले समय में बहुतायत उपयोग होगा, जिससे देश स्वायत्तता की तरफ अग्रसर होगा।

विशिष्ट अतिथि हैदराबाद से डॉ. पीवीएस श्रीनिवास और एमएनआइटी, जयपुर के प्रो. घनश्याम सिंह ने प्रतिभागियों को

अनुसंधान के क्षेत्र में उत्कृष्ट कार्य करने के लिए प्रेरित किया। मिस्त्र के मुख्य वक्ता डॉ. अली वागड़ी मोहम्मद ने ऑप्टिमाइजेशन के भिन्न प्रकारों तथा उनकी औद्योगिक उपयोगिता पर व्याख्यान दिया। एनआइटी, श्रीनगर के डॉ. कुशल जगताप ने माइक्रो ग्रिड के महत्व पर चर्चा की। संस्थान के अध्यक्ष सुरजाराम मील, निदेशक जयपाल मील व प्रधानाध्यापक डॉ. रमेश कुमार पचार ने उत्साह वर्धन किया। सह संयोजक डॉ. पंकज दाधीच, डॉ. मोनिका माथुर, डॉ. शालिनी शेखावत और दीप्ति अरेला ने कांफ्रेंस के विभिन्न पहलुओं पर चर्चा की।

दो दिवसीय कांफ्रेंस संपन्न



जयपुर। स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी (एसकेआईटी) में दो दिवसीय 'इंटरनेशनल कांफ्रेंस ऑन रीसेंट एडवांसमेंट्स इन साइंस, इंजीनियरिंग एंड टेक्नोलॉजी, एंड मैनेजमेंट' का समापन गुरुवार को हुआ। कार्यक्रम के दूसरे दिन डॉ. अजित शुक्ला ने अपने उद्बोधन में तकनीकी शिक्षा के विभिन्न आयामों एवं घटकों पर विस्तार से चर्चा की। अन्य प्रमुख वक्ता कनाडा के डॉ. एम वी रेड्डी ने ऊर्जा के क्षेत्र में होने वाले आधुनिक अनुसंधान घटकों का तुलनात्मक अध्ययन प्रस्तुत किया। साथ ही, अपने व्याख्यान में उन्होंने विभिन्न पदार्थों से ऊर्जा उत्पादन के महत्व और उनका सफलता पूर्वक उपयोग करने की सार्थकता पर प्रकाश डाला। मालवीय राष्ट्रीय प्रौद्योगिकी संस्थान

के प्रो. राजेश कुमार ने कनवोलुशनल न्यूरल नेटवर्क के विभिन्न प्रकारों, प्रचलित अनुसन्धान और इसके औद्योगिक उपयोग पर चर्चा की। उन्होंने अल्जाइमर बीमारी के निर्धारण पर बने अपने मशीन लर्निंग मॉडल को प्रस्तुत किया।

कार्यक्रम के अंत में, एक अभिचर्चा का आयोजन हुआ जिसमें, प्रो आकाश सक्सेना, प्रो मुकेश गुप्ता, प्रो अर्चना सक्सेना, प्रो अजित शुक्ला एवं प्रो संजीव माथुर ने अपने विचार प्रस्तुत किये क दो दिवसीय कांफ्रेंस की रिपोर्ट डॉ. शालिनी शेखावत के द्वारा पढ़ी गयी क कार्यक्रम के अंत में सहसंयोजक, पंकज दाधीच, दीप्ति अरेला एवं डॉ. मोनिका माथुर ने सभी प्रतिभागियों को धन्यवाद ज्ञापित किया।

एसकेआईटी मे दो दिवसीय 'इंटरनेशनल कांफ्रेंस ऑन रीसेंट एडवांसमेंट्स इन साइंस, इंजीनियरिंग एंड टेक्नोलॉजी, एंड मैनेजमेंट' का आयोजन

जयपुर ! स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी मैनेजमेंट एंड ग्रामोत्थान (एस.के.आई.टी) रामनगरिया, जगतपुरा, जयपुर महाविद्यालय में दो दिवसीय 'इंटरनेशनल कांफ्रेंस ऑन रीसेंट एडवांसमेंट्स इन साइंस, इंजीनियरिंग एंड टेक्नोलॉजी, एंड मैनेजमेंट' का आयोजन हुआ है कार्यक्रम के दूसरे दिन डॉ. अजित शुक्ला ने अपने उद्बोधन में तकनीकी शिक्षा के विभिन्न आयामों एवं घटकों पर विस्तार से चर्चा की है

अन्य प्रमुख वक्ता रिसर्च अनुसन्धान, हाइड्रो क्यूबिक, कनाडा के डॉ. एम वी रेड्डी ने ऊर्जा के क्षेत्र में होने वाले आधुनिक अनुसंधान घटकों का तुलनात्मक अध्ययन प्रस्तुत किया है साथ ही, अपने व्याख्यान में उन्होंने विभिन्न पदार्थों से ऊर्जा उत्पादन के महत्व और उनका सफलता पूर्वक उपयोग करने की सार्थकता पर प्रकाश डाला। मालवीय राष्ट्रीय प्रौद्योगिकी संस्थान के प्रो. राजेश



कुमार ने कनवोलुशनल न्यूरल नेटवर्क के विभिन्न प्रकारों, प्रचलित अनुसन्धान और इसके औद्योगिक उपयोग पर चर्चा की ! उन्होंने अल्जाइमर बीमारी के निर्धारण पर बने अपने मशीन लर्निंग मॉडल को प्रस्तुत किया ! कार्यक्रम के अंत में, एक अभिचार्या का आयोजन हुआ जिसमें, प्रो आकाश सक्सेना, प्रो मुकेश गुप्ता, प्रो

अर्चना सक्सेना, प्रो अजित शुक्ला एवं प्रो संजीव माथुर ने अपने विचार प्रस्तुत किये है दो दिवसीय कांफ्रेंस की रिपोर्ट डॉ. शालिनी शेखावत के द्वारा पढ़ी गयी। कार्यक्रम के अंत में सहसंयोजक, पंकज दाधीच, दीप्ति अरेला एवं डॉ. मोनिका माथुर ने सभी प्रतिभागियों को धन्यवाद ज्ञापित किया।

Convolution Neural Network

CITY FIRST

Dr Rajesh Kumar delivered a keynote talk on Convolution Neural Network and its details comprising concepts, constructions and applications. He discussed at length Pooling methodology in CNN, the evolutionary history of CNN and architecture details of inception Resnet-V2 and ResNexXt-50. Also, he presented a case study on Alzhei-



mer's detection.

Dr Ajit Shukla, Director, PSIT, COE,

Kanpur spoke about outcome-based education and its applica-

tion to the modern education system.

In the valedictory session, a panel discussion was conducted and the report on the major activities conducted during the two-day sessions was presented by Dr Shalini Shekhawat.

In the end, Dr Monika Mathur, Deepti Arela and Dr Pankaj Dhadheech thanked all the participants for making a huge contribution to make the conference successful.

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