

Report on 1-day Webinar on "Strategic Thinking and Deep Work" under Department of Electrical Engineering Alumni Connect Initiative (DEE-ACI)

1. DATE: 24/12/2020

2. NAME OF ACTIVITY: Strategic Thinking and Deep Work.

3. TIME: 11:30 AM onwards.

4. VENUE: Google Meet.

5. NO. OF PARTICIPANTS: 90

6. SPEAKER: Ms. Trapti Kalra, Director, Wipro (Alumnus, 1997 Batch, B.E. (Electrical))

 COORDINATOR OF WEBINAR: Dr. Akhil Ranjan Garg, Professor and Head, Electrical Engineering Department, J.N.V. University, Jodhpur.

8. BRIEF DESCRIPTION OF THE WEBINAR:

In her talk, the speaker gave novel ideas to the audience on the capabilities and skills which will be advantageous for their career growth over the next 20 - 30 years. She also introduced the terms "Strategic Thinking" and "Deep Work" to the students, and also advised them on how to develop a balanced skillset which can help them perform these things. She also touched on the topics of AI and Intelligent Machines. She also gave valuable guidance to the audience on how to keep distractions away in this hyper-connected world, so that each individual can accomplish meaningful objectives vital to themselves.

Pro . th Room

Slow Engg. Dept

N.V. University

JODHPLIP

Report on 1-day Webinar on "High Quality Materials and Solar Power Solutions for Energy Conservation"

1. DATE: 17/06/2020

NAME OF ACTIVITY: High Quality Materials and Solar Power Solutions for Energy Conservation.

3. TIME: 11:00 AM onwards.

4. VENUE: Microsoft Teams.

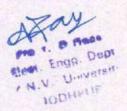
5. NO. OF PARTICIPANTS: 60

6. SPEAKERS: Two speakers:

- a) E. Suresh Raj General Manager, Engineering, Tata Bluescope Steel.
- b) Bhaskar S. Kamath Head, Rooftop Engineering, Tata Power Solar Systems.
- COORDINATOR OF WEBINAR: Dr. Jayashri Vajpai, Professor and Head, Electrical Engineering Department, J.N.V. University, Jodhpur.

8. BRIEF DESCRIPTION OF THE WEBINAR:

After a brief introduction of the speakers by the Head of Department, she invited the speakers to present their ideas on High Quality Materials and Solar Power Solutions and Energy Conservation and enlightening the students and faculty members of the Department. They explained the different materials which have been used traditionally for harnessing Solar Power, and then introduced the recently developed high quality materials which are nowadays being used in Solar Power installations, which result in extensive Energy Conservation. They also talked about the role of modern engineers in finding new technologies and synergizing them with the older technologies through Thought Leadership. The Webinar ended with a vote of thanks by the Head of Department to the speakers for their valuable guidance to our students and faculty members, and to the various members who helped in organizing this Webinar and who attended it.





DEPARTMENT OF ELECTRICAL ENGINEERING FACULTY OF ENGINEERING, M.B.M. ENGINEERING COLLEGE JAI NARAIN VYAS UNIVERSITY JODHPUR - 342001 (RAJASTHAN) INDIA Report on 1 day Webinar on "5 S for workplace success"

1. DATE: 13/06/2020

2. NAME OF ACTIVITY: 5 S for workplace success

3. COLLABORATING AGENCY: NA

4. TIME: 10:00 AM to 12:30 PM

5. VENUE: Virtual Mode (Google Meet)

6. NO. OF PARTICIPANTS: 75

7. SPEAKERS: Mr. Sushil Choudhary

8. Coordinators of Workshop: Mr. Deepak Patel

9. Brief Description of Webinar: -

5S is the name of a workplace organization method that uses a list of five Japanese words—seiri, seiton, seiso, seiketsu, and shitsuke—to explain how a work space should be organized for efficiency and effectiveness by identifying and storing the items used, maintaining the area, and sustaining the new order. The decision-making process is based on standardization, which teaches employees how they should do the work. 5S at its core is about removing non-value added processes by developing standard methods for doing the necessary work. An effective 5S program will therefore improve efficiency, quality and employee safety.

Sleet. Engg. Dept.



Report on One day Webinar on "Power Electronics Converter for Microgrid and Smartgrid Application"

- 1. DATE: 04/07/2020
- 2. NAME OF ACTIVITY: Webinar on "Power Electronics Converter for Microgrid and Smartgrid Application".
- 3. COLLABORATING AGENCY: NA
- 4. TIME: 10:00 AM to 05:00 PM
- 5. VENUE: Electrical Department, MBM Engineering College Jodhpur.
- 6. NO. OF FACULTY PARTICIPATED: 16
- 7. NO. OF STUDENTS PARTICIPATED: 40
- 8. SPEAKERS: Dr. Arnab Ghosh
- PERSON INCHARGE OF ACTIVITY: Dr. Jayashri Vajpai, Professor, Electrical Engineering Department.

Webinar Objective:

he biggest technological revolution in the last decade is "Smart Grid". As compared to the conventional grid, smart grid is automated, highly integrated, technology driven and modernised grid. In coming years smart grid will have a key role in transforming the electrical networks, its topology and power system operation. Energy efficiency, electricity supply and sustainability are the foundation pillars of smart grid technology.

The reliability of electric supply has become the utmost priority of consumers in developed as well as developing countries throughout the world. Through smart grid implementation, monitoring, control and real time measurement of generation, transmission and distribution of electrical energy has become possible and hence reliability of electric supply is improved. Smart grid has the potential to reduce the carbon footprints by integration of renewable energy sources, energy storage and plug-in hybrid electric vehicles with the main grid.



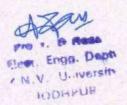
Report on One day Webinar on "History of Engineering in India and Future 1840 to 2040 – A Great Journey"

- 1. DATE: 12/07/2020
- 2. NAME OF ACTIVITY: History of Engineering in India and Future 1840 to 2040 A Great Journey
- 1. COLLABORATING AGENCY: NA
- 2. TIME: 11:00 AM to 12:30 PM
- 3. VENUE: Electrical Department, MBM Engineering College Jodhpur.
- 4. NO. OF FACULTY PARTICIPATED: 14
- 5. NO. OF STUDENTS PARTICIPATED: 80
- 6. SPEAKERS: Er. D. R. Dhariwal
- PERSON INCHARGE OF ACTIVITY: Dr. Jayashri Vajpai, Professor, Electrical Engineering Department.

Webinar Objective:

Implementing practical based courses using Distance Learning System is very difficult and challenging task as learning practical based courses involves intensive practical work. This webinar will help students

- To understand the basics in Practical Training,
- What to look while doing Practical Training
- Removing the difficulties and challenges in implementation of Practical Training





Report on 1 day Webinar on "Operation & Management of Thermal Power Plant"

1. DATE: 05/06/2020

2. NAME OF ACTIVITY: Operation & Management of Thermal Power Plant

3. COLLABORATING AGENCY: Rattan India Power Ltd.

4. TIME: 11:00 AM to 01:00 PM

5. VENUE: Virtual Mode(Google Meet)

6. NO. OF PARTICIPANTS: 75

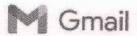
7. SPEAKERS: Er. Anil Kumar MishraAVP, Electrical Department, Rattan India Power Ltd.

8. Coordinators of Workshop: Mr. Deepak Patel

9. Brief Description of Webinar:-

Thermal power station being a highly capital-intensive industry, it needs to operate at a high utilization factor during the whole plant life cycle to justify its investment. Operating at higher utilization factor reduces Green House Gas emission. This book has detailed different operation and Maintenance practice of thermal power plant to help future engineers as guidelines for sustainable operation of a plant beyond its percieved lifecycle. Performance parameter of thermal power generation unit plays major role in economics of generation and impact on environment. The present chapter has discussed on different performance parameters related to thermal power unit and their impact on economics and environment.

Pro . 8 Book
Engg. Dept



Khamma kanwar <kkjoya.jnvu@gmail.com>

Invitation for a Webinar

1 message

HOD Electrical Engineering <hodee.mbm@jnvu.edu.in>

To: Prof Jayashri Vajpai <jayashrivajpai@gmail.com>, "Prof. A R Garg" <agarg@jnvu.edu.in>, "Prof. M K Bhaskar" <mkb31@rediffmail.com>, Ms Khamma Kanwar <kkjoya.jnvu@gmail.com>, Ms Khamma Kanwar <luckykin_smile@yahoo.co.in>, Ms Santosh K Meena <santoshsulaniya@gmail.com>, Ms Santosh K Meena <sanumeena11245@gmail.com>, Ms Khushboo Shah <khushi.shah1992@gmail.com>, Mr Aditya Kachhwaha <adityakachhwaha@yahoo.com>, Mr Aditya Kachhwaha <adi.kachhwaha@gmail.com>, Mr Ashish Godara <godaraashish0007@gmail.com>, Mr Mukesh Kumar <mukesh.117013@gmail.com>, Ms Shruti Yadav <shruti.yadav2009@gmail.com>, Mr Saurabh Chopra <saurabhchopra567@gmail.com>, Deepak Patel <patel.deepak05@gmail.com>

Dear Sir/Madam

I am happy to inform you that Mr Ashish Batwara MBM Alumni has kindly consented to deliver an online talk under Department of Electrical Engineering Alumni connect initiative. His address is on 22nd February at 10:30 AM. The link to join the address is

https://meet.google.com/nji-xyme-ufh

Brief Bio of the Speaker:

Mr Ashish Batwara is Head of Software Engineering, at Dell Technologies, USA. He holds a Bachelor's degree from MBM, Master's degree from IIT Delhi and Stanford University USA. He is Leading a large software organization comprising geographically distributed development teams in the USA, Canada, India, China, Spain, and Russia responsible for building Streaming Data Platform (SDP). Co-developing product strategy and roadmap with high-profile customers, system integrators, product management and executives, and setting the product's technical direction. He is championing as a change agent transforming the larger group from traditional software development models to agile, allowing quarterly software releases. Earlier he worked as L7 Senior Engineering Manager at Amazon Web Services, Director Software Development Oracle, Director of Software Engineering Samsung Electronics etc.

I cordially invite you all to attend his address. Due to limitation in people who can join the google meet, I advise you to join the meet at least 10 minutes before the scheduled time.

I am looking forward to your active participation.

Thanking you,

Dr Akhil Ranjan Garg
PhD (IIT Delhi)
Professor & Head,
Department of Electrical Engineering,
Faculty of Engineering and Architecture, J. N. V. University,
Jodhpur (Rajasthan) INDIA



- To make the participants realize the importance of composite structures and its applications in various fields as well as to demonstrate some demo projects on specific applications.
- Certificate of participation will be given.





AICTE –Training and
Learning (ATAL) Academy Sponsored
5 Days Training Programme (FDP)

on

"Mechanics of Composite Materials and Structures"

09th-13th September, 2020



Please register for this course on AICTE-ATAL Portal

https://atalacademy.aicte-india.org/signup

• There is no registration fee.





Prof. Tarun Kant

Department of Civil Engineering IIT Bombay



Department of Mechanical and Industrial Engineering IIT Roorkee



Department of Applied Mechanics IIT Delhi

Dr. Poonam Kumari

Department of Mechanical Engineering
IIT Guwahati

Dr. Chandra Sekher Yerramalli

Department of Aerospace Engineering IIT Bombay

Dr. Harlal Singh Mali

Department of Mechanical Engineering MNIT Jaipur

Dr. Atul Kumar Sharma

Department of Mechanical Engineering IIT Jodhpur

Dr. Prabhat K. Agnihotri

Department of Mechanical Engineering IIT Ropar

Dr. Rajneesh Sharma

School of Engineering IIT Mandi

Dr. Harpreet Singh

Department of Mechanical Engineering

Dr. Rosalin Sahoo

Department of Civil Engineering IIT BHU

Dr. Gauray Watts

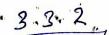
Department of Mechanical Engineering BITS Pilani

Dr. Dinesh Shringi

Department of Mechanical Engineering MBM Engineering College, Jodhpur

Dr. Emarti Kumari

Department of Mechanical Engineering MBM Engineering College, Jodhpur



 The faculty members of the AICTE approved institutions, research scholars, PG Scholars, participants from government organizations and industry.

On first come first served basis

Contact for Registration

Dr. Emarti Kumari

Department of Mechanical Engineering, MBM Engineering College.

JNV University, Jodhpur

E-mail: embhaskar.mech@jnvu.edu.in

+91-9313532249



Chief Patron



Prof. S.K. Ojha,

Dean Faculty of Engineering and Architecture, JNVU, Jodhpur

Patron



Prof. Dinesh Shringi,

HOD

Department of Mechanical Engineering

Coordinator

Dr. Emarti Kumari, Assistant Professor (Mech.)

Co-Coordinators

Dr. Kailash Chaudhary, Assistant Professor (Mech.) Mr. Abhisek Gaur, Assistant Professor (CSE) Mr. Amit Meena. Assistant Professor (Mech.)

Program Advisors

Prof. Rajat Bhagwat. Professor Prof. S. K. Singh. Professor Prof. P M Meena. Professor



M.B.M Engineering College is the first college in Rajasthan established post-independence on 15 August 1951, by the Government of Rajasthan. MBM offers more than 25 courses of study in engineering leading to the degrees of Bachelor of Engineering, Master of Engineering, Doctor of Philosophy (Ph.D.), and Post Graduate Diploma.

Mechanical Engineering department is currently running B.E., M.E. (Thermal, Design, Production and Industrial) and Ph.D. programs.

The college and department are committed to provide their students and teachers a quality education environment that combines rigorous academic study and developing a far more ambitious. integrated and influential environment that will best serve the nation.

Composite plates and panels made of Unidirectional composite laminates are increasingly used in thin-walled structural components in aerospace, marine, automobile civil, and offshore structures.

these composites have many advantages over traditional metals because of their high stiffness to weight ratio, high strength, resistance of corrosion and damping properties.

In this 5-day Faculty Development Program, the participant should be able to understand and apply state of the art knowledge of different composite materials in Structural Engineering applications i.e. buildings, bridges, defense industry, aerospace industry, automobile industry, etc

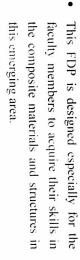
This FDP is designed to meet the following objectives:

- To prepare faculty to be able to guide/train students for project and Lab based mechanics of composite materials.
- To provide a bridge between the industry and academic institution to update their knowledge.
- Research Scholar, Engineers and Students to interact on various aspect of construction. mechanics and characterization of composite materials.
- To enhance faculty skills for academic growth and also make them to conductive

research activity in the field of continuum mechanics.

FDP will cover:

- Composite Materials
- Smart structures and functional graded materials
- Applications in Structural Engineering
- The behavior of different structural elements such as beam, plates, shells, etc.
- Isotropic, Anisotropic, orthotropic materials
- Prestressed Concrete
- Solid Mechanics- Generalized Hook's law Energy principles, vibrational principles
- Thermal stresses



- FDP includes theory and numerical practical problems.
- Facilitate insight to different research models and their application in teaching.

Faculty of Engineering and Architecture Jai Narain Vyas University Jodhpur

Organising TEQIP III SPONSORED NATIONAL WEBINAR

On-line control of machine tool vibration in turning operation using electro-magneto rheological damper

14 OCTOBER 2020 (3.30 PM - 5.30 PM)

Eminent speaker

Inaugural address



Honorable V.C., JNVU Jodhpur Prof. (Dr.) P.C. Trivedi



Prof. (Dr.) Rajat Bhagwat

E-certificates will be given to participants https://forms.gle/kLBmTVDqnBTyat588 Registration link



Prof. (Dr.) S.K. Parihar TEQIP Coordinator

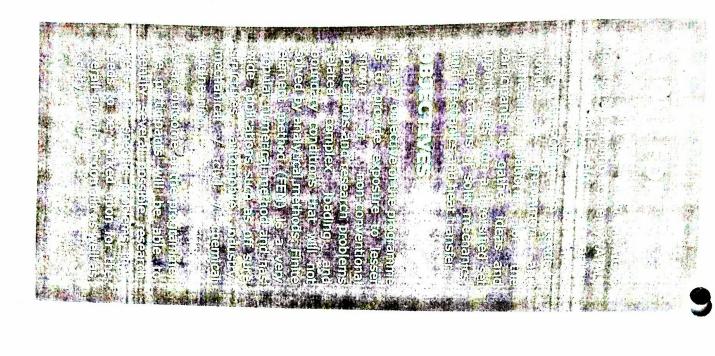


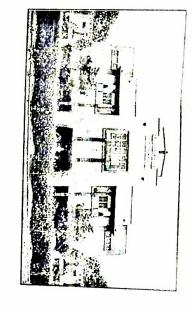
Dr. Sounak Kumar Choudhury Professor, IIT Kanpur



Prof. (Dr.) Dinesh Shringi HOD, Mech. Engg.

embhaskar.mech@jnvu.edu.in, 9313532249 Assistant Professor, Mech. Engg Webinar Coordinator Dr. Emarti Kumari





ORGANIZING COMMITTEE

Chief Patron

Prof. P. C. Trivedi

Hon'ble Vice Chancellor Jai Narain Vyas University, Jodhpur

Patron

Prof. Sunil Sharma

Dean, Faculty of Engineering & Architecture M.B.M. Engineering College, Jodhpur

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Coordinator

Dr. Emarti Kumari

Assistant Professor Dept. of Mechannical Engineering

AICTE ATAL ONLINE FOR

Finite Element Method

Applications in Solid Mechanics, Fluid Mechanics Transfer

Sponsored by



17 - 21 August, 2021

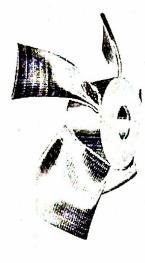
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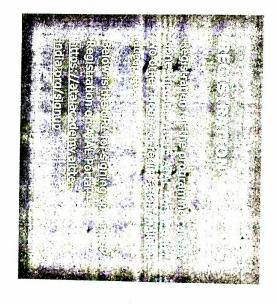


CONTENTS

A total of 14 expert sessions are planned under the programme. Each session in the programme is expected to include possible applications of FEM in the given scenario, ongoing work or current state of the art, major contributions and future directions. The sessions will be followed by short Q&A with the participants.

Major Topics covered in the FDP include:

- Basic concepts of FEM
- Variational and Weighted residual form ulations
- Applications of FEM to heat transfer a nd fluid mechanics problems
- Applications of FEM to structural problems
- Applications of FEM to composite materials
- Applications of FEM to Vibrational problems
- Recent developments in Finite Element Techniques



Limited Participation: The number of seats in the FDP shall be limited as per AICTE ATAL Policies.

To ensure proper participation, participants will be required to submit a permission letter from the Reporting Officer/Head of Department/Principal/Dean after confirmation of registration. Please note that there is no registration fee for the participants.

The FDP shall be conducted in Online Mode. More details about the platform will be shared with registered participants few days before the start of programme.

INTENDED AUDIENCE

The programme is intended for faculty members, professionals, research scientists, data enthusiasts and Research scholars from all over the country who have a fair educational background or prior experience in the basics of Numerical Methods and are looking for relevant research problems.

RESOURCE PERSONS

- Prof. S.P. Harsha, IIT Roorkee
- Prof. B.P. Patel, IIT Delhi
- 3. Dr. Poonam Kumari, IIT Guwahati
- 4. Dr. Shiv Dhayal Patel, IITDM Jabalpur
- Dr. Harlal Singh Mali, MNIT Jaipur
 Dr. Amar Patnaik, MNIT Jaipur
- 7. Prof. Tarun Kant, IIT Bombay
- 8. Dr. Sandeep Singh, IIT Indore
- 9. Dr. Emarti Kumari, MBM Jodhpur
- Prof. J.N. Reddy, Taxas A&M University, USA
- 11. Prof. S.V. Modak, IIT Delhi
- 12. Dr. Shobhana Singh, IIT Jodhpur
- 13. Dr. Rasalin Sahoo, IIT BHU
- 14. Dr. Om Prakash Singh, IIT BHU
- * Due to the ongoing pandemic situation, the list of speakers shall be finalized only a few days before the FDP.

CONTACT DETAILS

For any queries, please contact -

Dr. Emarti Kumari

Assistant Professor
Dept. of Mechanical Engineering
M.B.M. Engineering College, Jodhpur

Email: emrati bhaskar agmail com Mobile: +91-93135-32249



MBM Engineering College Jodhpur Department of Mechanical Engineering



SPONSORED ONE WEEK ONLINE FDP **AICTE TRAINING AND LEARNING (ATAL) ACADEMY**

Applications 3D Printing Basics and

25-29 October 2021



Chief Patrons



Ηου ΛΟ' 1ΝΛη 1οαμδηι Prof. (Dr.) P. C. Trivedi





Hon VC, MBM University Jodhpur



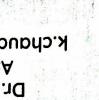
Patron



Deau HOD' Wech Engg Prof. (Dr.) Sunil Sharma Prof. (Dr.) Surendra Kumar Singh



9829081113 k.chaudhary.mech@jnvu.edu.in **Assistant Professor** Dr. Kailash Chaudhary













Dr. S P Harsha Professor IIT Roorkee



Dr. Kaushal A. DesaiAssociate Professor
IIT Jodhpur



Dr. Ravi K. R.Associate Professor
IIT Jodhpur



Dr. H S Mali Associate Professor NIT Jaipur



Dr. Y Ravi KumarAssociate Professor
NIT Warangal



Dr. TVK GuptaAssistant Professor
VNIT Nagpur



Dr. Sajan Kapil Assistant Professor IIT Guwahati



Dr. Satish Tailor Head R&D MEC Jodhpur



Dr. Vimal Pathak
Assistant Professor
Manipal University Jaipur



Dr Abhishek SharmaAssistant Professor
SPUPSCJ Jodhpul







MBM Engineering College Jodhpur in association with The Institution of Engineers (India), Jodhpur Local Center

Celebration of National Energy Conservation Day



14 December 2021

Online events includes Presentation on the theme Quiz



E-certificates for participants and winners of online events

Guest of Honour

Prof. (Dr.) Ajay Kumar Sharma

(Vice Chancellor, MBM University Jodhpur)

Chief Guest

Prof. (Dr.) Sunil Sharma

(Dean, MBM Engineering College Jodhpur)

Faculty Coordinator

Dr. Kailash Chaudhary

Student Coordinators
Praful Dave
Pranav Ghosh
Pranav Sharma





MBM ENGINEERING COLLEGE JODHPUR

VIRTUAL CELEBRATIONS OF ENGINEER'S DAY

\$15 September 2021



SELS is going to organize a virtual celebrations for the students of M.B.M. Engineering College on the occasion of Engineer's Day.

E-certificates will be distributed to the students who have achieved position in the science and technology at state and national level. Kindly, fill the form available on latest version of MBM E-learning app with complete details

DR. SUNIL SHARMA

Dean, MBM Engineering College Jodhpur

FACULTY COORDINATOR

DR. KAILASH CHAUDHARY

STUDENT COORD IN ATTOR

DIVYANSHU DAVE HARSH SHRIMALI

For any query contact us at mbmecj@gmail.com







Department of Mechanical Engineering, MBM Engineering College Jodhpur AICTE Training and Learning (ATAL) Academy sponsored one week online FDP



3D Printing (9-13 NOVEMBER, 2020)



Dr. P M Pandey
Professor
IIT Delhi



Dr. Kaushal A. Desai Associate Professor IIT Jodhpur



Dr. Arvind KumarAssociate Professor
IIT Kanpur



Dr. H S Mali Associate Professor NIT Jaipur



Dr. Y Ravi Kumar Associate Professor NIT Warangal



Assistant Professor



Dr. Amit SinghAssistant Professor
NIT Jaipur



Dr. Vimal PathakAssistant Professor
Manipal University Jaipur



Mr. Shubham Awasthi
Assistant Professor
GEC Banswara



Dr Abhishek Sharma
Assistant Professor
SPUPSCJ Jodhpur