

**Report**  
**on**  
**FIVE DAYS STUDENT WORKSHOP ON**  
**DATA ANALYTICS (SWDA)**

**04 - 08 April, 2023**



Department of Mechanical Engineering  
Swami Keshvanand Institute of Technology,  
Management & Gramothan, Jaipur

#### PATRONS

Shri Raja Ram Meel, Patron, SKIT  
Shri Surja Ram Meel, Chairman, SKIT

#### ADVISORS

Shri Jaipal Meel, Director, SKIT  
Prof. S.L. Surana, Director (Academics), SKIT  
Mrs. Rachna Meel, Registrar, SKIT  
Prof. Ramesh Kumar Pachar, Principal, SKIT  
Mrs. Abba Meel, Adviser, SKIT  
Prof. (Dr.) R.K. Jain, Dean, SKIT  
Prof. (Dr.) Anil Choudhary, HOD (IT), SKIT  
Prof. (Dr.) Mukesh Gupta, HOD (CSE), SKIT  
Prof. (Dr.) Dheeraj Joshi, HOD (ME), SKIT  
Prof. (Dr.) Mukesh Anra, HOD (ECE), SKIT  
Prof. (Dr.) Omi Ladiwal, HOD (DMS), SKIT  
Prof. (Dr.) D.K. Sharma, HOD (CE), SKIT  
Dr. Sarfaraz Nawaz, Head (EE), SKIT  
Prof. (Dr.) Rohit Mukherjee, Incharge, B.Tech, I Year  
Prof. (Dr.) Amber Shrivastava, Head (Maths), SKIT  
Dr. Sharda Soni, Head (Chemistry), SKIT  
Dr. Brajraj Sharma, Head (Physics), SKIT  
Prof. (Dr.) Neha Purohit, Head (English), SKIT

#### COORDINATOR

Dr. Achin Srivastav, Associate Professor (ME)

#### ORGANIZING SECRETARY

Dr. Deepak Kumar, Associate Professor (ME)

#### ORGANIZING COMMITTEE

Dr. Vikash Gautam  
Mr. Amit Kumar Bansal  
Mr. Vinay Singh Marwal  
Mr. Sudesh Garg  
Ms. Namita Soni  
Ms. Monika Khurana  
Mr. Pramod Jain  
Mr. Chandra Mohan Kumar  
Mr. Yogesh Kumar Sharma

#### For any query:

Dr. Achin Srivastav (Mobile: 9981381984)  
Email: [achin.srivastav@skit.ac.in](mailto:achin.srivastav@skit.ac.in)

#### REGISTRATION FORM

To join workshop, you are requested to register [yourself](https://forms.gle/J5fvANSgiW6aMQR9) by clicking the following registration link:

<https://forms.gle/J5fvANSgiW6aMQR9>

- > Student Workshop will be conducted in **Physical Mode**.
- > The registration for the workshop is on **first come first serve basis (Only 35 Seats)**.
- > Participation Certificate will be provided by the team after completion of the workshop. Course Completion Certificate will also be provided to the participants who have **attendance more than 70% after the workshop**.

#### CONTENTS

- > Introduction to Data Analytics and Overview
- > Correlation, Regression and ANOVA using Excel
- > Confidence Interval, Normal Distribution
- > Hypothesis Testing
- > SPC Tools and Time Series Analysis, using Excel
- > Introduction to R
- > Descriptive, Diagnostic, Prescriptive and Predictive Analysis using R

#### REGISTRATION FEE

No Registration fee for SKIT students.

#### IMPORTANT DATES

Registration starts from: 28 March, 2023  
Last Date for Online Registration: 2 April, 2023  
Student Workshop Dates: 4th – 8th April, 2023

#### SCHEDULE

Day	Session-1	Session-2
1	12.00-12.15 PM (Inaugural)	12.15-1:45 PM
2	9.30-11.00 AM	12.30-2.00 PM
3	9.30-11.00 AM	12.30-2.00 PM
4	9.30-11.00 AM	12.30-2.00 PM
5	9.30-11.00 AM	12.30-2.00 PM 2:10 PM (Valedictory)

## Student Workshop on Data Analytics (SWDA)

4<sup>th</sup> - 8<sup>th</sup> April, 2023

Organized By:



Department

of

**Mechanical Engineering  
(NBA Accredited)**

Swami Keshvanand Institute of Technology,  
Management & Gramothan, Ramnagar  
Jagatpura, Jaipur – 302017

Website: [www.skit.ac.in](http://www.skit.ac.in)

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Ms. Namita Soni

Ms. Monika Khurana

Mr. Pramod Jain

Mr. Chandra Mohan Kumar

Mr. Yogesh Kumar Sharma

## **Speakers**

1	Prof. G. S. Dangayach,	Department of Mechanical Engg., MNIT Jaipur
2	Dr. Gunjan Soni,	Department of Mechanical Engg., MNIT Jaipur
3	Prof. Brijesh Awasthi	Department of Management and Commerce, Poornima University Jaipur
4	Dr. Achin Srivastav	Department of Mechanical Engg., SKIT Jaipur
5	Dr. Deepak Kumar	Department of Mechanical Engg., SKIT Jaipur

# Workshop Approval Notice

Department of Mechanical Engineering, SKIT Jaipur

Date: 11/03/2023

The Principal  
SKIT Jaipur

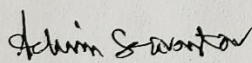
**Subject:** Request to issue imprest amount of Rs. 11,500/- out of Rs. 30,000 for conducting Student Workshop on Data Analytics.

Sir,

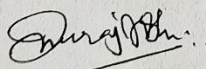
This is to request you to kindly issue the imprest amount of Rs. 11,500/- out of Rs. 30,000/- for conduction the five days student Hands-on workshop on Data Analytics from 04 April to 08 April 2023, organised by Department of Mechanical Engineering. The event has already pre-approved and the budget for it also has been pre-approved (Annexure-I).

With Regards

Team Workshop

  
Coordinator

Dr. Achin Srivastav

  
HOD (ME)

Prof. Dheeraj Joshi

Principal

Prof. Ramesh Kumar Pachar

Registrar

Mrs. Rachna Meel

\* Recommended for release of Rs. 11,500/- (from pre approved budget) for conduction of student workshop. (Annexure-II)



Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

Prof. Mukesh Arova



DEPARTMENT OF MECHANICAL ENGINEERING  
Plan & Details of Events to be Organized in Session: 2022-23

S. No.	Type of Event	Title of Event	Mode of Conduction	Proposed Date	Name of Coordinator	Any Collaboration	Budget Required
1	Student Workshop	Student Workshop on applications of SCI LAB	Online	October 3-7, 2022	Dr. Manu Augustine Mr. Arun Beniwal	Spoken Tutorial, IIT Bombay ASME Student Section SKIT	1000
2	Student Workshop	Analysis of Engineering Systems using Creo	Physical	November 7-9, 2022	Dr. Prem Singh Mr. Sudesh Garg Md. Subaib Ansari		20000
3	Student Workshop	Project based Training on "Arduino, Raspberry Pi and their Application"	Physical	January 4-6, 2023	Brijmohan Sharma Sudesh Garg	Robotics Club, SKIT	12000
4	Student Workshop	Development and Characterization of Materials	Physical	January 16-18, 2023	Dr. Vikash Gautam Ms. Namita Soni		10,000
5	Student Workshop	Workshop on HVAC - Heating, Ventilation & Air Conditioning	Online	January 23-25, 2023	Mr. Amit Bansal Mr. Vinay Singh Marwal		40000
6	Student Workshop	Student Workshop on Data Analytics	Online	March 14-18, 2023	Dr. Achin Srivastav Dr. Deepak Kumar		30,000
7	Expert Lecture Series	Expert Lectures Series	Physical	Sep 2022 to June 2023	Mr. Dinesh Kumar Sharma		20000

Looking mode has been preferred.

Annexure

2



DEPARTMENT OF MECHANICAL ENGINEERING  
Plan & Details of Events to be Organized in Session:2022-23

S. No.	Type of Event	Title of Event	Mode of Conduction	Proposed Date	Name of Coordinator	Any Collaboration	Budget Required
8	FDP	Advanced Optimization Techniques	Online	January 9-13, 2023	Dr. Prem Singh Mr. Sudesh Garg		35000
9	FDP	Ansys software and its applications	Online	February 14-18, 2023	Dr. Manu Augustine Mr. Arun Benival Mr. Naveen Kumar Sain		36,000
10	FDP	Energy simulation tools for renewable energy systems	Online	March 21-25, 2023	Dr. Chandan Kumar Mr. Dinesh Kumar Sharma Mr. Ankit Agarwal	IGBC, ASHRAE Rajasthan Chapter	30000
11	Non-Teaching Staff Workshop	Hands on training on 3-D printing for Non Teaching Staff	Physical	October 10-14, 2022	Prof. Dheeraj Joshi Mr. Praveen Saraswat	e Yatra	5000
12	International Conference	Smart Industries and Manufacturing Systems for Sustainable Development (SIMS 2022)	Online	November 11-12, 2022	Prof. Dheeraj Joshi Dr. Manoj Kumar Sain Mr. Praveen Saraswat	Evergreen Journal	30000
13	International Conference	ICONRER 2023	Physical	May 18-20, 2023	Prof. Ashish Nayyar	Universiti of Malaysia, Pahang and Assiut University, Egypt	30000

Expenditure: ... 1) Proposed budget exceeds by sanctioned amount - under this head  
Rs 14 2,00,000/-  
→ Therefore amounts may be adjusted to according to sanctioned budget.  
  
Approved Conditionally yes provided forwarded to Hyderabad/Director  
as above for approval. 17/8/2022

Approved for 8/10/2022

Munkezy.

Principal  
Dean  
JGFA

Prof. Dharam Joshi  
Head, Mech Eng. Deptt.

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**SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,  
MANAGEMENT & GRAMOTHAN - JAIPUR**

**DEPARTMENT OF MECHANICAL ENGINEERING**

***Student Workshop on Data Analytics  
(04 - 08 April, 2023)***

**Minute to Minute Programme**

Day & Date	Time	Activity	
<b>Day-1</b>			
	9:30 AM	Welcome of Dignitaries and Participants by Coordinator in CAD Lab (Ground Floor)	
	9:32 AM	Introduction of Guest Speaker by Organizing Secretary	
	9:35 AM	Floral Welcome of Guest by HOD ME Deptt.	
	9:35-11:00 AM	<b>Session 1- Dr. Gunjan Soni, MNIT Jaipur</b>	
		<b>Inaugural Function</b>	
	12:00-12:05	Welcome of Guests and Participants in Inaugural Function and about SKIT Jaipur by Anchor at Meghnad Seminar Hall	
	12:05:12:07	Objectives of Workshop by Coordinator	
	12:07-12:10	Introduction of <b>Chief Guest Prof. G.S. Dangayach</b> by Organizing Secretary	
	12:10-12:15	Floral Welcome of Chief Guest by Prof. (Dr.) S.L. Surana, Director Academics, SKIT Jaipur and Welcome note	
	12.15 - 1.45 PM	<b>Session 2- Prof. G.S. Dangayach, MNIT Jaipur</b>	
	1:45 PM	Vote of Thanks by Mr. Vinay Singh Marwal	

Day-2			
	9.30 - 9.35 AM	Floral Welcome & Introduction of Guest Speaker	
	9.35 - 11.00 AM	<b>Session 3 – Dr. Deepak Kumar, SKIT Jaipur</b>	
	12.30- 12.35 PM	Floral Welcome & Introduction of Guest Speaker	
	12.35 – 2:00 PM	<b>Session 4 – Dr. Achin Srivastav, SKIT Jaipur</b>	
Day-3			
	9.30 - 9.35 AM	Floral Welcome & Introduction of Guest Speaker	
	9.35 - 11.00 AM	<b>Session 5 - Dr. Gunjan Soni, MNIT Jaipur</b>	
	12.30- 12.35 PM	Floral Welcome & Introduction of Guest Speaker	
	12.35 – 2:00 PM	<b>Session 6 – Prof. Brijesh Awasthi, Poornima University</b>	
Day-4			
	9.30 - 9.35 AM	Floral Welcome & Introduction of Guest Speaker	
	9.35 - 11.00 AM	<b>Session 7 - Dr. Achin Srivastav, SKIT Jaipur</b>	
	12.30- 12.35 PM	Floral Welcome & Introduction of Guest Speaker	
	12.35 – 2:00 PM	<b>Session 8 – Prof. Brijesh Awasthi, Poornima University</b>	
Day-5			
	9.30 - 9.35 AM	Floral Welcome & Introduction of Guest Speaker	
	9.35 - 11.00 AM	<b>Session 9 - Dr. Deepak Kumar, SKIT Jaipur</b>	



	12.30- 12.35 PM	Floral Welcome & Introduction of Guest Speaker	
	12.35 – 2:00 PM	<b>Session 10 – Prof. Brijesh Awasthi, Poornima University</b>	
	2:00-2:10PM	<b>Valedictory Ceremony</b>	

## Workshop Summary

The Data Analytics Workshop began on 04<sup>th</sup> April 2023 with an inaugural function graced by the presence of Prof. G. S. Dangayach, from MNIT Jaipur, Prof. S.L. Surana Sir, Director Academics SKIT Jaipur. The inaugural ceremony of the DA Workshop was organised under the guidance of Prof. Dheeraj Joshi, Head of Department, Mechanical Engg, SKIT Jaipur. The other dignitaries were present in Inaugural ceremony were Prof. Ashish Nayyar, Dy. HOD Dr. Vikash Gautam, faculty members and students.

There are 40 students from different streams- Mechanical Engg, Computer Sc Engg, and Data Science branch have participated in workshop. The objective of the workshop is to introduce the concept and techniques of Data Analytics which are successfully met by the informative lectures of the distinguished Experts.

Prof. G.S Dangayach Sir, MNIT Jaipur delivered a talk on overview and scope of Data Analytics. Dr Gunjan Soni, MNIT Jaipur explained the basics of Data Analytics with Excel on the first day as it built a foundation to explore Data Analytics.

On second day Dr. Deepak Kumar covered Regression and Correlation, and Dr. Achin Srivastav took a session on Statistical Process Control using Excel.

On third day Dr. Gunjan Soni took a session on Hypothesis testing, and Normal Distribution and Prof. Brijesh Awasthi introduced R to participants.

On day 4 in morning session Dr Achin Srivastav, deliberated on Time Series Analysis using Excel and Prof. Brijesh Awasthi explained Descriptive and Diagnostic Analytics using R in the afternoon session.

On fifth day Dr. Deepak introduced ANOVA using Excel and Prof. Brijesh Awasthi explained Predictive and Prescriptive Analytics using R in the noon session.

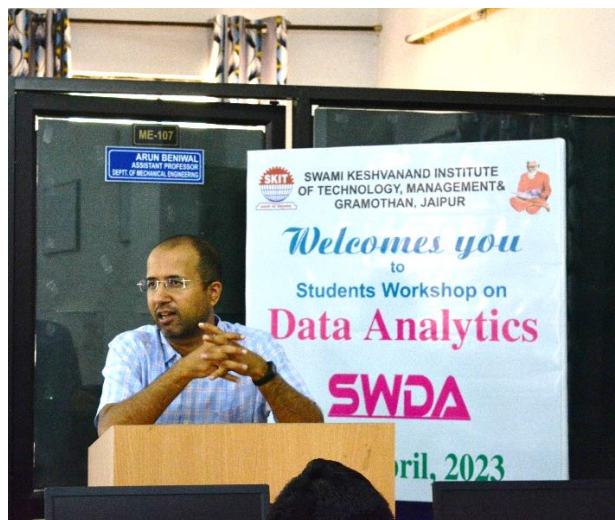
Program's Organizing secretary Dr. Deepak Kumar and organizing committee members were Dr. Vikash Gautam, Mr. Amit Kumar Bansal, Mr. Sudesh Garg, Mr. Chandra Mohan Kumar, Ms. Namita Soni, Ms. Monika Khurana and Vinay Singh Marwal from Mechanical Engg. Department. Hospitality and photography were organised by Mr. Pramod Jain and Mr. Yogesh Sharma. The 5-day workshop came to end with the presentation of workshop report by Dr. Achin Srivastav, distribution of certificates to participants by Prof. Awasthi and Prof. (Dr.) Dheeraj Joshi, HOD ME, and with a vote of thanks by Prof. (Dr.) Dheeraj Joshi in the valedictory ceremony. The workshop was relevant to the title and were well-appreciated by the students. After completion of this workshop students have felt encouraged to explore these areas further

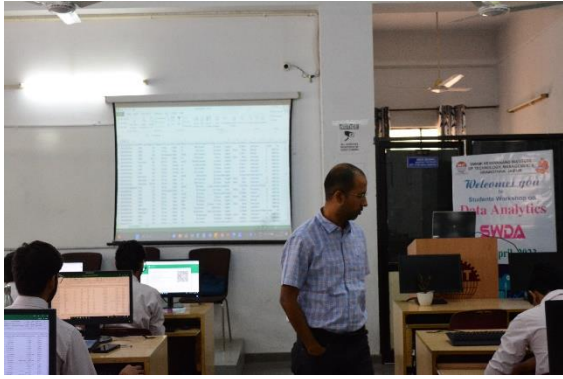
## Workshop Photographs



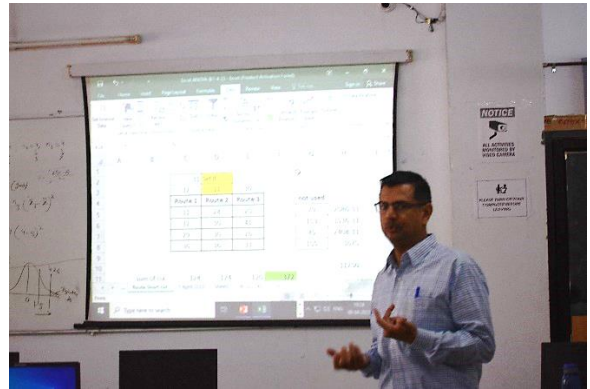














### List of Participants in SWDA (4-8 Apr 2023)

S.No	Roll No.	Name	Mobile	Email id	Gender	Branch	Semester
1	21ESKME002	Akash	9468869865	b210270@skit.ac.in	Male	ME	4MEA
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4	21ESKME010	Harshvardhan verma	7023403998	harshvardhan9998@gmail.com	Male	ME	4MEA
5	21ESKME011	Hiren Mathur	8209261904	B211096@skit.ac.in	Male	ME	4MEA
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12	21ESKME020	Nishant saini	9950324098	B211148@skit.ac.in	Male	ME	4MEA
13	21ESKME026	Sanjay kumar Jangid	8529137678	jangid18032000@gmail.com	Male	ME	4MEA
14	21ESKME027	Shorya pathak	9068318794	B211098@skit.ac.in	Male	ME	4MEA
15	21ESKME030	Vansh Sinsinwar	7878113246	vanshsinsinwar028@gmail.com	Male	ME	4MEA
16	21ESKME031	Vidhesh Khanna	8824056953	vidheshkhanna@gmail.com	Male	ME	4MEA
17	21ESKME032	Vikas Sharma	8955743079	vik.sharma8955@gmail.com	Male	ME	4MEA
18	22ESKME201	Himanshu sharma	8302189862	hs8007467@gmail.com	Male	ME	4MEA
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20	21ESKCX006	Aman Sharma	8529144293	amansh1103@gmail.com	Male	CS (DS)	4CS(DS)A
21	21ESKCX009	Ayush Soni	8696687702	ayushsoni1004@gmail.com	Male	CS (DS)	4CS(DS)A
22	21ESKCX011	Bhavya Goyal	6367077282	bhvyagoyal@gmail.com	Male	CS (DS)	4CS(DS)A
23	21ESKCX016	Dheeraj Saini	8905422080	sainidheeraj1001@gmail.com	Male	CS (DS)	4CS(DS)A
24	21ESKCX020	Garv Sharma	9610786296	garvsharma679@gmail.com	Male	CS (DS)	4CS(DS)A
25	21ESKCX028	Jatin Yadav	8561071725	jatinyadav7362@gmail.com	Male	CS (DS)	4CS(DS)A
26	21ESKCX045	Priyanshu batra	9785186397	batrapriyanshu86@gmail.com	Male	CS (DS)	4CS(DS)A
27	21ESKCX049	Rohit Soni	6375078753	sonimohit478@gmail.com	Male	CS (DS)	4CS(DS)A
28	21ESKCX052	Simran Udhani	9116454011	simranudhani08@gmail.com	Female	CS (DS)	4CS(DS)A
29	20ESKCS131	Kunika Khandelwal	9351972907	kunika6111.khandelwal@gmail.com	Female	CS	6CSC
30	20ESKCS136	Lakshita Natani	8209299914	lakshitanatani2002@gmail.com	Female	CS	6CSC
31	20ESKCS160	Nikita Gupta	7568117719	nikita2002gupta@gmail.com	Female	CS	6CSC
32	20ESKCS172	Piyush Gupta	7220894725	itspiyush2003@gmail.com	Male	CS	6CSC
33	21ESKME028	Shubham patel	7357174595	Patelshubham8442@gmail.com	Male	ME	4MEA
34	21ESKME029	Sourav	7988432581	b210266@skit.ac.in	Male	ME	4MEA



35	21ESKME004	Ansh Kumar	9351088305	anshkumar3854@gmail.com	Male	ME	4MEA
36	21ESKCS083	Garima Gupta	8854905399	b210363@skit.ac.in	Female	CS	4CSB
37	21ESKME024	Rohit Kumar Soni	7737223342	B210590@skit.ac.in	Male	ME	4MEA
38	21ESKME033	Parikshit Singh	8949254607	<a href="mailto:B211097@skit.ac.in">B211097@skit.ac.in</a>	Male	ME	4MEA
39	21ESKME008	Devi Pratap Singh Rajawat	7597333790	devipratap612@gmail.com	Male	ME	4MEA
40	21ESKME007	Bhavya sharma	6375727804	bhavyas2462002@gmail.com	Male	ME	4MEA

## Media Coverage



### डाटा-एनालिटिक्स विषय पर कार्यशाला

जयपुर(सीमा सन्देश)। जगतपुरा स्थित स्वामी केशवानंद इंस्टिट्यूट ऑफ टेक्नोलॉजी, मैनेजमेंट एंड ग्रामोत्थान के मैकेनिकल विभाग द्वारा डाटा-एनालिटिक्स विषय पर 5 दिवसीय छात्र केंद्रित कार्यशाला का उद्घाटन किया गया। कार्यशाला का शुभारम्भ संस्था के अकादमिक निदेशक डॉ.(प्रो.) एसएल

सुराणा के उद्बोधन से हुआ। कार्यशाला के प्रथम दिन हुए दोनों सत्रों में एक्सपर्ट्स डॉ. जीएस डंगायच (प्रोफेसर मैकेनिकल-डिपार्टमेंट, एमएनआईटी) तथा डॉ. गुंजन सोनी (असिस्टेंट-प्रोफेसर मैकेनिकल डिपार्टमेंट, एमएनआईटी) ने विश्व में बढ़ती सॉफ्टवेयर टेक्नोलॉजी के कारण आज के समय में छात्रों

के लिए डाटा एनालिटिक्स के क्षेत्र में करियर ऑप्शन के बारे में बताया। इस दौरान मैकेनिकल उप विभागाध्यक्ष विकास गौतम तथा प्रो. आशीष नय्यर ने एक्सपर्ट्स का स्वागत किया। कार्यक्रम का संचालन कार्यशाला के समन्वयक मैकेनिकल विभाग के डॉ. अचिन श्रीवास्तव तथा डॉ. दीपक कुमार ने किया।



## **डाटा-एनालिटिक्स पर पांच दिवसीय कार्यशाला की शुरुआत**

जगतपुरा स्थित स्वामी केशवानंद इंस्टिट्यूट ऑफ टेक्नोलॉजी, मैनेजमेंट एंड ग्रामोत्थान के मैकेनिकल विभाग की ओर से मंगलवार को “डाटा-एनालिटिक्स’ विषय पर पांच दिवसीय कार्यशाला का उद्घाटन किया गया। कार्यशाला का शुभारंभ संस्था के अकादमिक निदेशक डॉ.(प्रो.) एस.एल.सुराणा ने किया। कार्यशाला के पहले दिन दो सत्र आयोजित हुए। सत्र को संबोधित करते हुए एमएनआईटी के मैकेनिकल-डिपार्टमेंट के प्रोफेसर डॉ. जी.एस. डंगायच तथा असिस्टेंट-प्रोफेसर डॉ. गुंजन सोनी ने दुनिया में बढ़ती सॉफ्टवेयर टेक्नोलॉजी व छात्रों के लिए डाटा एनालिटिक्स के क्षेत्र में करियर ऑप्शन के विषय में चर्चा की। इस दौरान मैकेनिकल उप विभागाध्यक्ष विकास गौतम तथा प्रो. आशीष नय्यर ने कार्यक्रम में उपस्थित विशेषज्ञों का स्वागत किया। कार्यक्रम का संचालन कार्यशाला के समन्वयक मैकेनिकल विभाग के डॉ. अचिन श्रीवास्तव तथा डॉ. दीपक कुमार ने किया।



## डाटा-एनालिटिक्स पर कार्यशाला शुरू



ब्यूरो/नवज्योति, जयपुर। जगतपुरा स्थित एसकेआईटी के मैकेनिकल विभाग द्वारा मंगलवार से डाटा-एनालिटिक्स विषय पर पांच दिवसीय कार्यशाला शुरू हुई। इसका शुभारम्भ संस्था के अकादमिक निदेशक डॉ. एसएल सुराणा ने किया। इस मौके पर एमएनआईटी के मैकेनिकल डिपार्टमेंट के प्रोफेसर डॉ. जीएस डंगायच और असिस्टेंट प्रोफेसर डॉ. गुंजन सोनी ने दुनिया में बढ़ती सॉफ्टवेयर टेक्नोलॉजी के कारण आज के समय में छात्रों के लिए डाटा एनालिटिक्स के क्षेत्र में कैरियर ऑप्शन के बारे में बताया।

## एसकेआईटी में कार्यशाला का समापन

जयपुर (सीमा सन्देश न्यूज)। जगतपुरा स्थित स्वामी केशवानंद इंस्टिट्यूट ऑफ टेक्नोलॉजी, मैनेजमेंट एंड ग्रामोत्थान (एसकेआईटी) के मैकेनिकल इंजीनियरिंग विभाग द्वारा आयोजित 'डाटा एनालिटिक्स पर स्टूडेंट्स वर्कशॉप का समापन प्रो. (डॉ.) धीरज जोशी (एचओडी एमई) के मार्गदर्शन में हुआ। इस कार्यशाला में 45 प्रतिभागियों ने सक्रिय रूप से भाग लिया। शिक्षा जगत के प्रख्यात वक्ताओं ने कार्यशाला के विभिन्न सत्रों में अपने तकनीकी ज्ञान को



साझा किया। समापन समारोह का संचालन डॉ. दीपक कुमार ने किया। कार्यशाला की रिपोर्ट डॉ. अचिन श्रीवास्तव ने प्रस्तुत की। मुख्य अतिथि प्रो. बृजेश अवस्थी

और प्रो. (डॉ.) धीरज जोशी ने प्रतिभागियों को प्रमाणपत्र वितरित किये। प्रो. (डॉ.) धीरज जोशी ने सभी वक्ताओं और प्रतिभागियों को धन्यवाद दिया।

# एसकेआईटी में आयोजित डेटा एनालिटिक्स पर पांच दिवसीय स्टूडेंट्स वर्कशॉप का समापन



P3 Police Public Politics  
जयपुर। जगतपुरा स्थित स्वामी  
केशवानंद इंस्टिट्यूट ऑफ़  
टेक्नोलॉजी, मैनेजमेंट एंड ग्रामोत्थान  
के मैकेनिकल इंजीनियरिंग विभाग  
द्वारा आयोजित डेटा एनालिटिक्स  
पर स्टूडेंट्स वर्कशॉप (4-8 अप्रैल  
2023) का समापन 8 अप्रैल  
2023 को प्रो. (डॉ.) धीरज जोशी  
(एचओडी एमई) के मार्गदर्शन में  
हुआ। इस प्रोग्राम में 45  
प्रतिभागियों ने सक्रिय रूप से भाग  
लिया। शिक्षा जगत के वैश्विक  
प्रख्यात वक्ताओं ने वर्कशॉप के

विभिन्न सत्रों में प्रतिभागियों के साथ  
अपने तकनीकी ज्ञान को साझा  
किया। समापन समारोह का  
संचालन डॉ. दीपक कुमार ने किया।  
वर्कशॉप की रिपोर्ट डॉ. अचिन  
श्रीवास्तव द्वारा प्रस्तुत की गई है।  
मुख्य अतिथि प्रख्यात वक्ता  
प्रोफेसर बृजेश अवस्थी और प्रो.  
(डॉ.) धीरज जोशी द्वारा  
प्रतिभागियों को प्रमाणपत्र का  
वितरण किया गया। अंत में प्रो.  
(डॉ.) धीरज जोशी ने सभी  
वक्ताओं और प्रतिभागियों को  
धन्यवाद दिया।