



SHARDA
UNIVERSITY
Beyond Boundaries

EVENT COMPLETION REPORT

Please prepare the report signed by the program Secretariat/Program coordinator within 10 days of event completion for record. Reports should be 2-4 pages.

SECTION A: Event Detail

Event title:	Webinar on Entrepreneurship and Innovation as Career Opportunity on “ The Application of vibration & Shock Isolation Systems in industries focusing the mathematical aspects in system design”		
Starting date of event:	26/11/2021	Duration of Event (in days)	1
Name of the event organizing School	School of Basic Science & Research		
Name of the event organizing Department	Mathematics		
Sponsor of the Event (Sharda University in case of internal sponsorship)	NA		
Committee Members:	Chairman	Prof. S K Banerjee (Dean, SBSR)	
	Convener	Dr. Khursheed Alam (HOD, Maths)	
	Organizing Secretary	Dr. Nidhi Sahni	
	Co-ordinator:	Dr Varun Mohan, Dr. P S Jha, Dr Anu Sirohi	
Chief Guest/ Guest of Honor with affiliation (If any)	NA		
	Mr. S N Bagchi, (Key note Speaker) Chief Design Analyst and Head –Technical Design, Vibration & Seismic Engineering Dept. Corporate		

School of Basic Science & Research
Sharda University, Greater Noida, India

speakers Mr S N Bagchi (Chief Design Analyst) and their other team members Mr Harish Chandra(Director - Sales & Marketing), Mr Abhishek Shukla(Design Analyst) and all participants of the webinar. Dr Nidhi Sahni has given brief introduction of speakers to all.

After that Mr Harish Chandra has given the details about Resistoflex Group of Industries and the product of shock and vibration isolation system that is manufactured in their industry. Then Mr Abhishek Shukla has explained about design and history of the products manufactured in Resistoflex Group of Industries. And at the last Mr S N Bagchi has given brief details about the mathematics in shock and vibration isolation systems. At the end of this talk Dr Anu Sirohi and Dr Nidhi Sahni has expressed the vote of thanks to the speakers.

2. **Participants** (compulsory for events):

S.No.	Total Participants	Number of Male	Number of Female
	76	36	40

3. Budget distribution from University/any other agency: N/A

Appendices

Please attach the following details in the report (DON'T SEND ANY OTHER ATTACHMENTS)

Note that the participant contact list is a mandatory requirement.

✓	Appendices
1	Participant contact list: ✓
2	Participants feedback on the organized program.
3	Event Agenda-
4	<i>Photogr Images/Photos of the events (Selected with Caption) representatives, speakers, and exhibitors</i> ✓
5	Web sites link (If created)
6	Other information (If Any)

Anu Sirohi
 School of Basic Science and Research
 Sharda University, Greater Noida, India

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Agenda

Objective of the event:

- To make aware with the application of mathematics in industries.
- To learn about applications of vibration and shock isolation systems in industries.
- To learn the mathematical aspects of vibration and shock isolation systems in system design.

Attendance:

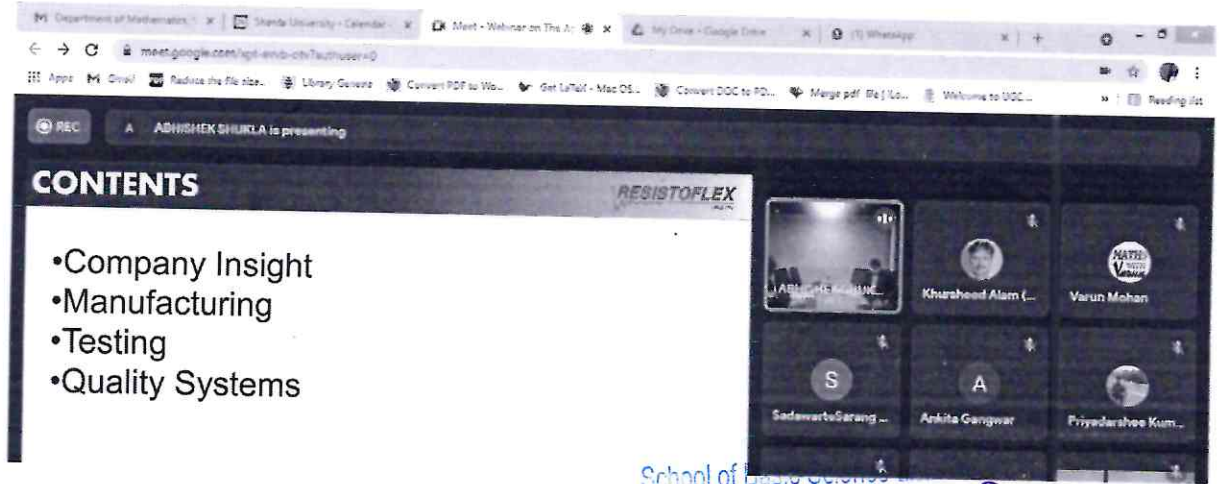
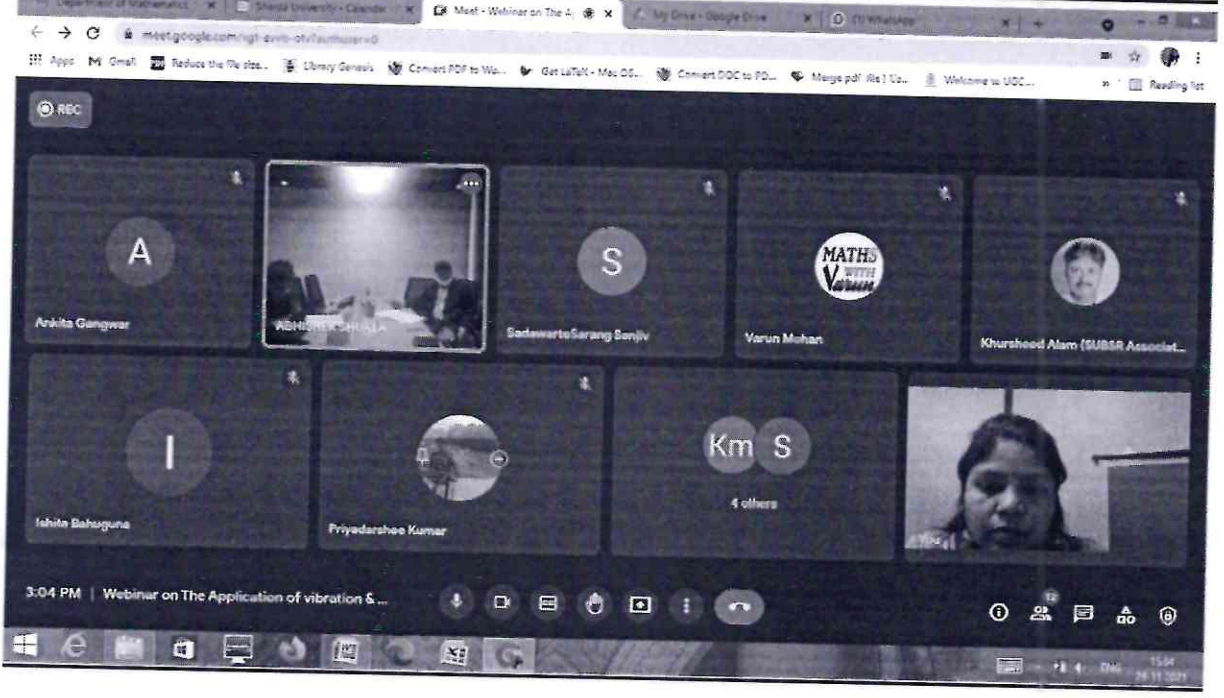
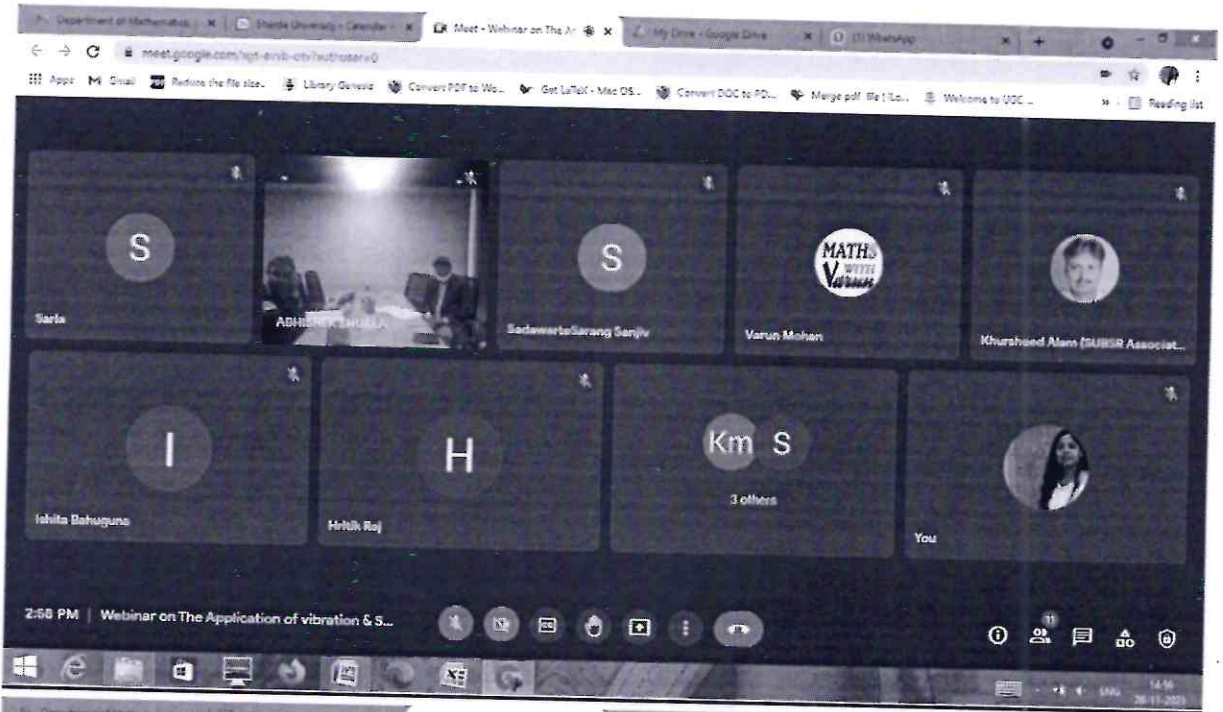
Link for registration: <https://forms.gle/PQK6XCkgSY3dqVLr7>

Join at Google meet link: <https://meet.google.com/xgt-evvb-otv>

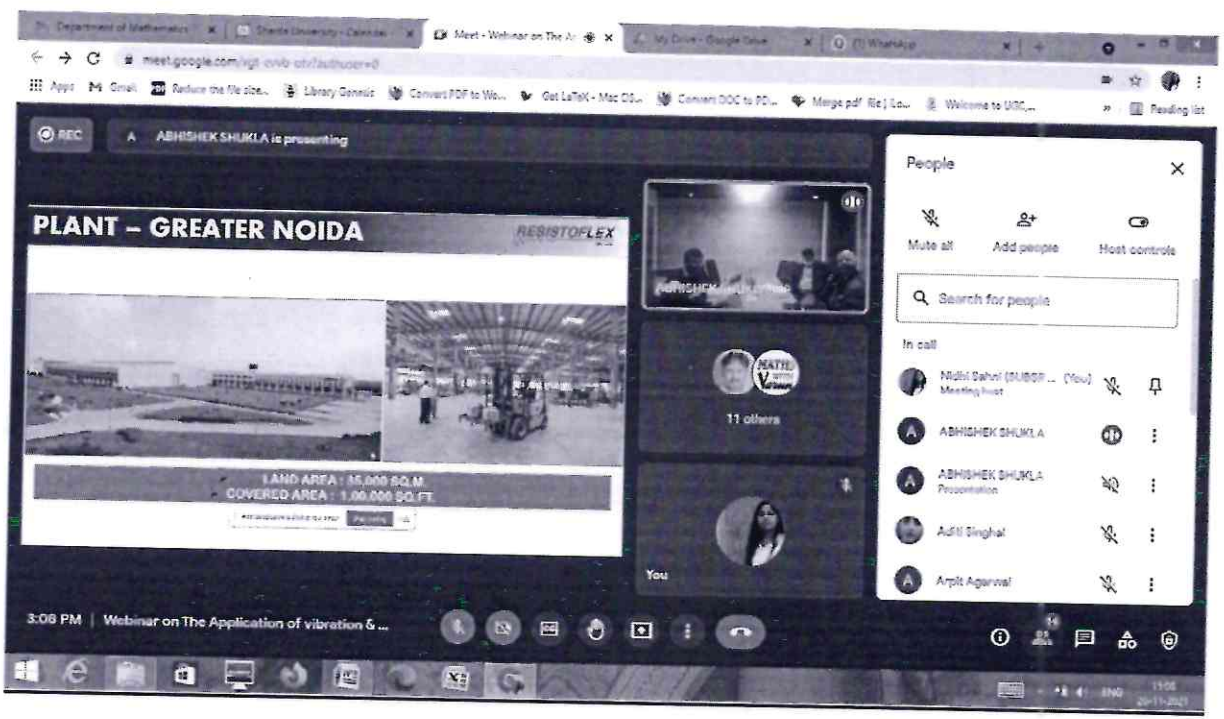
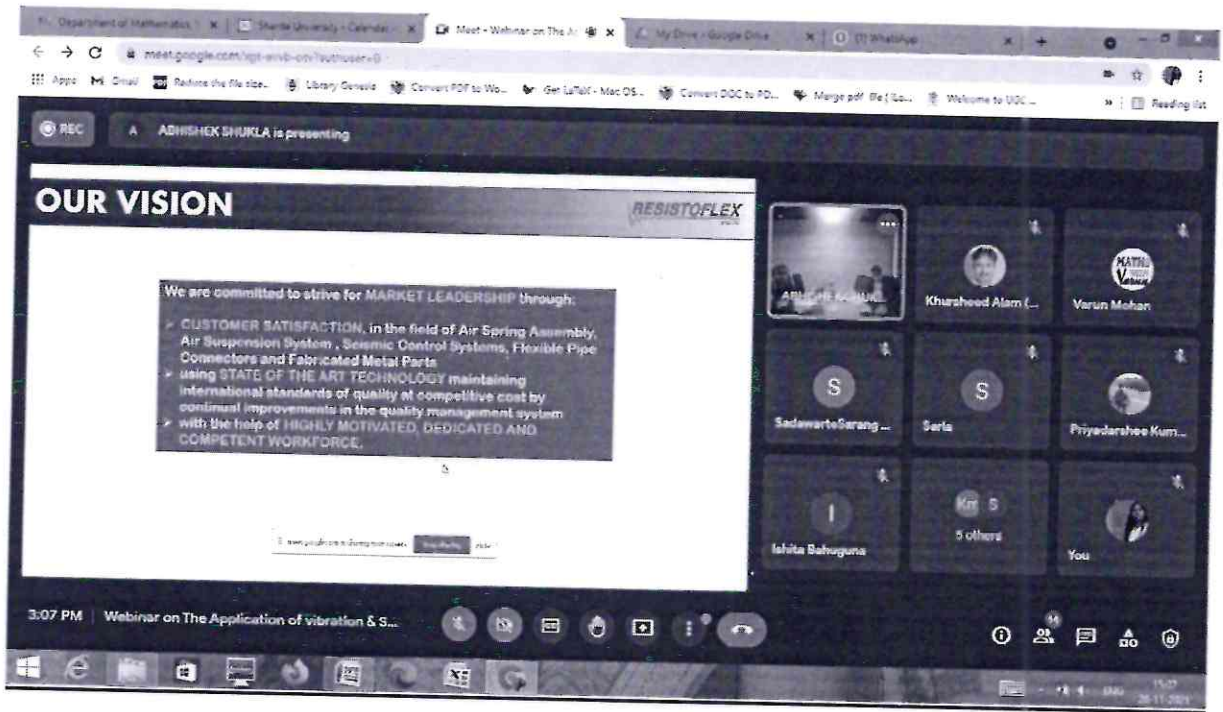
Link of recording: https://drive.google.com/file/d/1JHwR-KY4HgftmJtPCVhifi0Q-ZCk4k_S/view

LINK TO THE ACTIVITY REPORT ON THE WEBSITE:

School of Basic Science and Research
Sharda University,
Dehra Dun
[Signature]



School of Basic Sciences
Sharda University, Greater Noida, India
Munish Kumar



Greater Noida, India
Munish Kumar


Department of Mathematics | Sharda University - Calendar | Meet - Webinar on The A... | My Drive - Google Drive

meet.google.com/jgt-evrb-otv/authuser=0

REC ABHISHEK SHUKLA is presenting

PLANT – GREATER NOIDA

RESISTOFLEX



LAND AREA : 45,000 SQ. M.
COVERED AREA : 1,00,000 SQ. FT.

3:08 PM | Webinar on The Application of vibration & ...

People

- Mute all
- Add people
- Host controls
- Khurshid Alam (SUBR...)
- Kim Ravina
- Priyadarshini Kumar
- SadewarSwang Sanjiv
- Sania
- Saurabh Verma
- Varun Mohan

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REC ABHISHEK SHUKLA is presenting

5300 KW KOEL – PIELSTIK

Base Load Diesel Generating Set

RESISTOFLEX




COMBINED STEEL & RUBBER MOUNTS

3:13 PM | Webinar on The Application of vibration & S...

People

- ABHISHEK SHUKLA
- Khurshid Alam L...
- Varun Mohan
- Ishita Bahuguna
- SadewarSwang ...
- Priyadarshini Kum...
- Kim Ravina
- 4 others
- You

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meet.google.com/jgt-evrb-otv/authuser=0

REC ABHISHEK SHUKLA is presenting

AIR SUSPENSION

for Indian Railways

RESISTOFLEX

Developed in 1998



Now in over 15,000 COACHES.



People

- ABHISHEK SHUKLA
- Khurshid Alam L...
- Varun Mohan
- Devendra Kumar ...
- SadewarSwang ...
- Priyadarshini Kum...

School of Sharda University, Greater Noida
Abhishek Shukla

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REC A ABHISHEK SHUKLA is presenting

VIBRATION CONTROL SYSTEMS for Indian Railways

RESISTOFLEX



3:18 PM | Webinar on The Application of vibration & S...


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REC A ABHISHEK SHUKLA is presenting

EARTHMOVING EQUIPMENTS

RESISTOFLEX



3:19 PM | Webinar on The Application of vibration & S...

Abhishek Shukla
School
Sharada

ABHISHEK SHUKLA is presenting

BASE ISOLATION SYSTEM







Input Shock: g_p (12 times of largest ordinates)
Output Shock: Vertical: g_p
Lateral: $0.5g_p$

8 BUILDINGS FOR A DEFENCE PROJECT

3:20 PM | Webinar on The Application of vibration & ...

ABHISHEK SHUKLA is presenting

TECHNICAL PAPERS



Technical Papers Presented in National Seminars and International Conferences By S.N. Bajaj and Rakesh Jain, Vikram Engineering Division, Pune, India

1. VIBRATION - SHOCK - NOISE CONTROL TECHNIQUES & APPLICATIONS CONVENTION ON VIBRATION CONTROL TECHNIQUES
2. APPLICATIONS OF SHOCK & VIBRATION SOLUTION TECHNIQUE IN GENERAL DESIGN AND INDUSTRIAL APPLICATIONS
3. VIBRATION CONTROL TECHNIQUES AND APPLICATIONS FOR INDUSTRIAL AND DOMESTIC ENVIRONMENT
4. SEISMIC DESIGN AND SHOCKING TECHNIQUES USED FOR VIBRATION SOLUTIONS RELATED TO HIGH RISE AND AIRCRAFT APPLICATIONS
5. SEISMIC DESIGN AND SHOCKING CONCEPTS IN LIGHTNING & SHOCK SOLUTIONS FOR INDUSTRIAL APPLICATIONS

3:20 PM | Webinar on The Application of vibration & ...

ABHISHEK SHUKLA is presenting



SHOCK & VIBRATION MOUNTINGS FOR NAVAL SHIPS




Shock & Vibration Mountings, Air Mounts, Cable Mounts, Bellows, Dampers.....

Quality, Reliability, Performance and Innovation are our hallmarks for the world. Over 40 years we have been playing a key role in the complete defence systems. Performance is assured under extreme environmental conditions. Our products are ISO 9001:2015 certified and we adhere to ISO 14001:2015. We serve major OEMs worldwide.

Vibrational Software Programs from our Comprehensive Analysis Systems including: MODAL ANALYSIS, FFT & 3D modal analysis, Shock & Vibration Random analysis of elastic structural systems.

Abhishek Shukla