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# REPORT ON WORKSHOP

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Industrial Motivational Campaign on Alternate Materials for Single-Use Plastics



JULY 23, 2021

MSME SHOOLINI INNOVATIVE TECHNOLOGY BUSINESS INCUBATOR  
CENTRE OF EXCELLENCE IN ENERGY SCIENCE & TECHNOLOGY  
SHOOLINI UNIVERSITY  
SOLAN, HP-173229

## **REPORT ON WORKSHOP**

### **Industrial Motivational Campaign on Alternate Materials for Single-Use Plastics**

**Date:** 22 JULY 2021 and 23 JULY 2021  
**TIME:** 10:00 AM Onwards  
**Venue:** Hybrid Workshop through Virtual Platform Zoom and at Vishwarya Conference Hall, Faculty of Engineering and Technology, Shoolini University Solan HP-173229

The MSME Shoolini Innovative Technology Business Incubator, Centre of Excellence in Energy Science & Technology, Shoolini University, Solan, HP in collaboration with Micro, Small and Medium Enterprises (MSME), Development Institute, Govt of India, Solan, HP organized two days' workshop on "Industrial Motivational Campaign on Alternate Materials for Single-Use Plastics" during July 22-23.

Prof PK Khosla, Vice Chancellor, Shoolini University, inaugurated the workshop on July 22, 2021 and shared his valuable thoughts on the global environmental concern for single use plastic and the need for sustainable alternative. Prof SS Chandel, Director Centre of Excellence in Energy Science & Technology, Shoolini University, proposed the concept note and elaborated the need for alternate materials for single-use plastics. As a first speaker of the workshop B P Meena, Assistant Director, MSME Development Institute Solan spoke about the MSME schemes for entrepreneurs. Different alternative materials and industry for MSME industries are explained by Ghanshya, Central Institute of Petrochemicals Engineering & Technology, Baddi. Initiatives in plastic waste management in HP by Sanjeev HP Pollution Control Board HP How to set up your own MSME venture by Veer Singh Technical Officer, MSME DI Initiatives in Himachal Pradesh to Phase out Single use Plastics and Alternatives to Reuse and Recycle by Sh Chandan Singh, Assistant Environment Engineer HP State Pollution Control Board, Shimla. Sh Shailesh Kumar Singh, Assistant Director MSME, Development Institute, Solan described the clear picture of MSME registration and work process in step by step format and delivered a full talk

Prof. Atul Khosla (VC) emphasized on 3R for sustainability Reduce, Reuse, Recycle. He said MSMEs and implementing agencies need to give more attention towards 3R and environment friendly alternative of single use plastic.

#### **Recommendations:**

The members of the committee emphasized on making the following pledges for Shoolini University:

- a. Reduce plastic in university and also refuse it in any manner
- b. Pick or collect these from University under any program and reuse it (recycle)

Prof Atul Khosla emphasized to make some policies or plan to reduce the plastic use in University and also urged for some plan to make the university showing zero carbon footprint and go ahead to make it with a negative carbon footprint.

#### **VIDEO LINK**

[https://shooliniuniversity.zoom.us/rec/share/P12632oXMQHFFmYIZyq2lw7otpJlwuxXM0PrOq7niq9LBW3S1I30YqvKyZdLdmSQ.Ky3L9k0XJR\\_y4us9](https://shooliniuniversity.zoom.us/rec/share/P12632oXMQHFFmYIZyq2lw7otpJlwuxXM0PrOq7niq9LBW3S1I30YqvKyZdLdmSQ.Ky3L9k0XJR_y4us9) Passcode: FZ&=fe

## Poster



**Micro, Small and Medium Enterprise (MSME),  
Development Institute, Govt of India, Solan, HP**

**In Collaboration with**

**MSME Shoolini Innovative Technology Business  
Incubator, Centre of Excellence in Energy Science  
& Technology, Shoolini University, Solan, HP**



**Organizes a two-day program on**

### **Industrial Motivational Campaign on Alternate Materials for Single-Use Plastics**



**Prof P.K. Khosla**

Chancellor  
Shoolini University,  
Solan, HP



**Prof Atul Khosla**

Vice-Chancellor  
Shoolini University,  
Solan, HP



**Prof S.S. Chandel**

Director CEEST,  
Shoolini University,  
Solan, HP



**MK Meena**

Joint Director MSME,  
Development Institute,  
Solan, HP

**Program Coordinator**

**Dr. Arvind Singh Bisht**

[arvindbisht@shooliniuniversity.com](mailto:arvindbisht@shooliniuniversity.com)

**Date: 22-23 July 2021**

**Venue: Shoolini University, Solan, HP**

[fb.com/ShooliniCEEST](https://fb.com/ShooliniCEEST)

## Detailed Program Schedule

### Industrial Motivational Campaign on Alternate Materials for Single-Use Plastics



**Organized by**  
Micro, Small and Medium Enterprises (MSME), Development  
Institute, Govt of India, Solan, HP

**In Collaboration with**  
MSME Shoolini Innovative Technology Business Incubator,  
Centre of Excellence in Energy Science & Technology,  
Shoolini University, Solan, HP



Date: 22-23 July, 2021

#### Detailed Program Schedule

##### Day:-I Thursday, 22-July-2021

11:00am – 11:05am	Welcome address
11:05am – 11:10am	Address by Sh M.K Meena Joint Director MSME Development Institute, Solan
11:10am – 11:15am	Address by Prof SS Chandel, Director CEEST & Coordinator, MSME Shoolini Innovative Technology Incubation Centre Initiatives on Energy & Environmental Issues & Concerns related to Single Use Plastics
11:15am-11:20am	Inaugural Address by Prof PK Khosla, Chancellor, Shoolini University, Solan
11:20am -11:25am	Vote of thanks

##### 11:25am -01.00pm Technical Session -I

11:25am-11:40am	MSME Schemes for Entrepreneurs by Sh B.P Meena Assistant Director MSME, Development Institute, Solan
11:40am-12:10pm	Alternate Materials for Single Use Plastics Pushpendra Kumar, Technical Officer, CIPET, Baddi
12:10pm- 12:25pm	Initiatives in plastic waste management in HP by Dr Praveen Sharma Scientific Officer, HP State pollution control Board
12:25pm- 01:00pm	Discussion on Alternatives /Recommendations

##### Day:-II Friday, 23-July-2021

##### 10:00am –12:00pm Technical Session -II

10.00am -10.05am	Introductory Remarks by Prof S.S. Chandel ,Director, Centre of Excellence in Energy Science & Technology, Shoolini University
10:05am –10:15am	Reducing Carbon Emissions -Alternate Solutions to Single use Plastics Address by Guest of Honor : Prof Atul Khosla, Vice - Chancellor Shoolini University, Solan
10:15am- 10:35am	How to set up your own MSME venture by Veer Singh Technical Officer, MSME DI
10:35am- 11:05pm	Initiatives in Himachal Pradesh to Phase out Single use Plastics and Alternatives to Reuse and Recycle by Sh Chandan Singh, Assistant Environment Engineer HP State Pollution Control Board, Shimla
11:05am-11:35am	How to get register under MSME Schemes by Sh Shailesh Kumar Singh, Assistant Director MSME, Development Institute, Solan
11:35am –12:50pm	MSME Initiatives by Sh B.P Meena Assistant Director MSME, Development Institute, Solan
11:50am –12:05pm	Discussion on Alternatives /Recommendations
12.05am -12-10 pm	Vote of Thanks Dr Arvind Singh Bisht, CEEST

### Participant List

Name (Original Name)	User Email	Total Duration (Minutes)	Guest
Dr Arvind Singh Bisht	arvindbisht@shooliniuniversity.com	338	No
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M5c		1	Yes
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Mohit kumar		59	Yes
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Giriraj		10	Yes
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Sahil Virk		44	Yes
shyam chandel		155	Yes
016a697b		42	Yes
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Salwan Tajor		149	Yes
MSME-DI Solan #H.P.		30	Yes
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SUSHIL KUMAR		19	Yes
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Dr. Praveen Kumar Verma		5	Yes
Chandrakala KC		10	Yes
Divya		117	Yes
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Rahul Chandel		143	Yes
Pankaj Raizada		19	Yes
Shashank		112	Yes
fde8dfb4		6	Yes
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Divya 08		3	Yes
Shailesh		1	Yes
Ravi Kumar		4	Yes



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Abhishek		102	Yes
SUSHIL KUMAR		65	Yes
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Pawan Kumar		76	Yes
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Manish Mandyal		79	Yes
Kunal sharma		84	Yes
NikHiL Thakur		61	Yes
Mohit kumar		85	Yes
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Vijay		75	Yes
Redmi		79	Yes
tera budha		71	Yes
M5c		41	Yes
Pankaj Kumar		42	Yes
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Dr Dinesh Kumar		67	Yes
Galaxy A50		45	Yes
kalyan		39	Yes
Divya		36	Yes
Rockstar		1	Yes
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Dr Arvind Singh Bisht  
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