

ADGITM, New Delhi
Department of Computer science

Dated: 12 August,2021

Report on the Webinar session on the topic “UNLEASH YOUR CREATIVE POTENTIAL.”

Venue: Online (via google meet)

Objectives:

This webinar particularly aimed to encourage students to unleash their creative potential and think innovatively in every sphere of life with the help of some engineering activities.

Delegates (Speakers, outsiders who all attended): Dr.(Ms.) P.K. Tulsi, superannuated from NITTTR, Chandigarh as professor.

Activities done:

An exclusive webinar session for the students and faculty of ADGITM was organized by the CSE department, on the topic ‘Unleash your creative potential’ scheduled on 12 August 2021(Thursday) at 11:30 am. The session was presided over by DR PK Tulsi who has been superannuated from NITTTR, Chandigarh as professor after serving the institute for 34 years. The webinar aimed to encourage every patient listener to strengthen their creative potential. DR PK Tulsi commended all the students for their high spirit and faculty members for imparting education during the pandemic as well.

Firstly, she introduced some creative activities to us and at the same time she imparted adequate amount of zeal to participate in those activities. These activities aimed to intensify the sphere of creativity in us.

We started with the ‘**30 circles challenge**’ in which we had to draw anything recognizable in as many circles as we could in a time frame of 3 minutes. Secondly, she presented a beautiful slide which said ‘Scientists explore, experiment and discover whereas engineers design, build and construct.’ This definitely resonated with everyone out there.

In addition to this, various other activities were also conducted to suffice the aim of the webinar. We were asked to fill up a google form through which we were able to convey our thoughts to her. She also made us discuss the fact that every individual is creative and is gifted with different abilities.

The next topic of discussion was '**multi-perspective view.**' She asked us to put forward our views on this topic and with the help of her wonderful way of teaching, every single concept was clear to everyone, and it seemed so effortless.

The next topics discussed were **conformity and rigidity.** We were asked to solve a problem in which capacity of jar was indicated in liters and we were supposed to solve the question. The most noticeable thing in this entire webinar was that for every problem everyone came up with different solutions and approaches which definitely persuaded everyone to unleash their creative potential.

Later, she also tried to encourage everyone to be **knowledgeable, to speak and react.**

She convinced us that it is ***not easy to challenge the existing stereotypes in our society but also at the same time no one can change us if we challenge ourselves.***

She gave some **measures to overcome functional fixedness** and told us to **never let the child in us ever die.** The last topic which she introduced is '**Resource Myopia**' which she explained with few examples.

Lastly, our teachers and students expressed gratitude towards her as well as the CSE department for such an enriching session.

She further thanked everyone for their exemplary efforts in the webinar.

Outcomes:

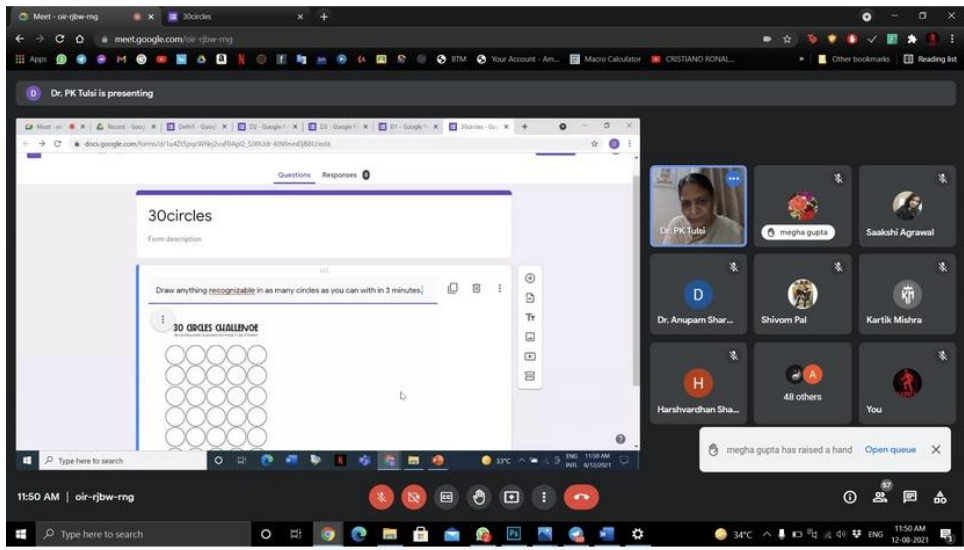
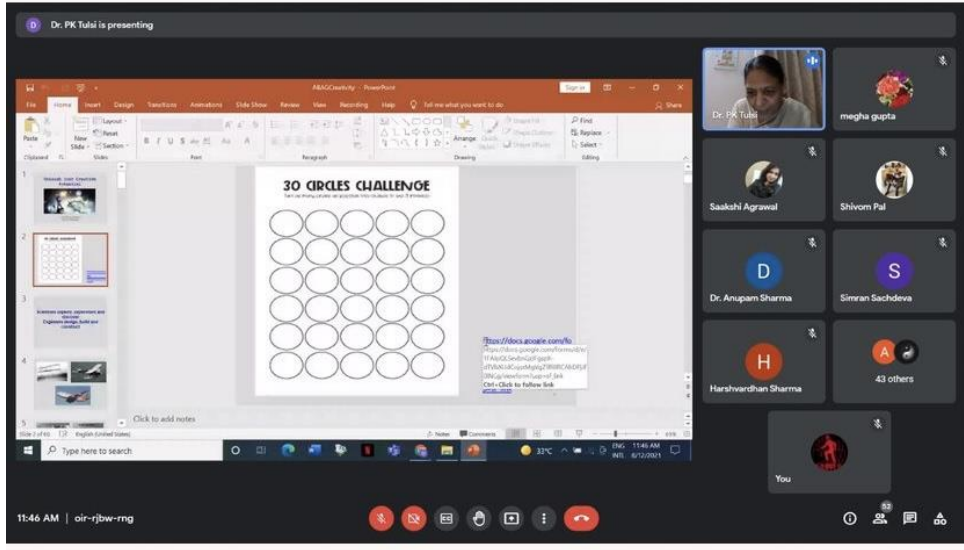
Faculty members and students were able to gain insights about how to unleash their creativity with the help of engineering activities.

Beneficiaries: B.Tech students including faculty members.

Faculty Coordinators:

Ms. Megha Gupta (Event in charge) and Ms. Saakshi Agrawal (Event coordinator).

Photographs of event:



Meet - oir-rjw-rmg

meet.google.com/oir-rjw-rmg

Dr. PK Tuli is presenting

Scientists explore, experiment and discover
Engineers design, build and construct

Aditi Goyal has left the meeting

11:53 AM | oir-rjw-rmg

Meet - oir-rjw-rmg

meet.google.com/oir-rjw-rmg

Dr. PK Tuli is presenting

Pranay Thapliyal has left the meeting

11:53 AM | oir-rjw-rmg

Meet - oir-rjw-rng

meet.google.com/oir-rjw-rng

Dr. PK Tuli is presenting

The 21st Century

In the near future

At the 21st century progressed and computer technology began to be utilized. Features including Anti-Lock Brakes, Anti-lock brake, ABS control system, Side airbags, Remote keyless entry, Automatic climate control seats, Cruise Control.

Google Self Driving Vehicle By: Cesar Arreola

Sanyam Jain has left the meeting

11:53 AM | oir-rjw-rng

Dr. PK Tuli, megha gupta, Saakshi Agrawal, Dr. Anupam Shar..., Shivom Pal, Harshvardhan Sha..., Aryan, 43 others, You

Type here to search

34°C

11:53 AM 12-09-2021

Meet - oir-rjw-rng

meet.google.com/oir-rjw-rng

Dr. PK Tuli is presenting

Kartik Mishra has left the meeting

11:54 AM | oir-rjw-rng

Dr. PK Tuli, megha gupta, Saakshi Agrawal, Dr. Anupam Shar..., Shivom Pal, Harshvardhan Sha..., Aryan, 43 others, You

Type here to search


34°C

11:54 AM 12-09-2021

Meet - oir-rjbw-rmg

meet.google.com/oir-rjbw-rmg

Dr. PK Tuli is presenting



11:54 AM | oir-rjbw-rmg

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34°C

11:54 AM 12-09-2021


Dr. PK Tuli, megha gupta, Saakshi Agrawal, Dr. Anupam Shar..., Shivom Pal, Harshvardhan Sha..., Aryan, 44 others, You

This screenshot shows a Google Meet session. The main display area shows a collection of mobile phones, including a white HTC phone and several smartphones. The participants list on the right includes Dr. PK Tuli, megha gupta, Saakshi Agrawal, Dr. Anupam Shar..., Shivom Pal, Harshvardhan Sha..., Aryan, 44 others, and You. The bottom status bar shows the time as 11:54 AM on 12-09-2021 and the temperature as 34°C.

Meet - oir-rjbw-rmg

meet.google.com/oir-rjbw-rmg

Dr. PK Tuli is presenting



11:54 AM | oir-rjbw-rmg

Type here to search

34°C

11:54 AM 12-09-2021

Dr. PK Tuli, megha gupta, Saakshi Agrawal, Dr. Anupam Shar..., Shivom Pal, Harshvardhan Sha..., Aryan, 44 others, You

This screenshot shows a Google Meet session. The main display area shows a collection of social media logos including Facebook, YouTube, Twitter, Google+, Flickr, Yahoo!, and MySpace. The participants list on the right is identical to the first screenshot. The bottom status bar shows the time as 11:54 AM on 12-09-2021 and the temperature as 34°C.

Meet - air-rjw-rng

meet.google.com/air-rjw-rng

Dr. PK Tuli is presenting

14 Grand Challenges

National academy for Engineering

Source: <http://www.engineeringchallenges.org/Challenges/vir>

Advance Personalized Learning	Reverse-Engineer the Brain	Secure Cyberspace	Manage the Nitrogen Cycle
Make Solar Energy Economical	Engineer Better Medicines	Provide Access to Clean Water	Develop Carbon Sequestration Methods
Enhance Virtual Reality	Advance Health Informatics	Provide Energy from Fusion	Engineer the Tools of Scientific Discovery

Dr. PK Tuli

megha gupta

Saakshi Agrawal

Dr. Anupam Shar...

Shivom Pal

Harshwardhan Sha...

Aryan

46 others

You

11:56 AM | air-rjw-rng

meet.google.com/air-rjw-rng

Dr. PK Tuli is presenting

Delhit

Answer the following questions or complete the statement

1. I prefer to indulge in activities in which:

- success is guaranteed
- there are high chances of success
- there are high chances of failure
- there are moderate/moderate chances of failure

2. Do you frequently go for a vacation to a new place without any planning?

- Yes

Dr. PK Tuli

Abhijeet Kumar

Saakshi Agrawal

Shivom Pal

Sahil Sharma 031

Aryan

44 others

You

In-call messages

22 circles for B

Syed Haider Ali Shah 11:52 AM
All circles.

Rahul Verma 11:53 AM
30

045 Rashmi Singh 11:53 AM
30

Dr. PK Tuli 11:57 AM
https://docs.google.com/forms/d/e/1FAIpQLSfms98_wXW3k8t8n5p6G7L_Ed5y9G_wk4F2h9Dw0u9N0s/viewform?usp=cf_Link

Rahul Verma 11:57 AM
no

Aryan 11:57 AM
yes ma'am

Send a message to everyone

11:58 AM | air-rjw-rng

Every individual is Creative

16

Dr. PK Tuli

Abhijeet Kumar

Saakshi Agrawal

Shivom Pal

Sahil Sharma 031

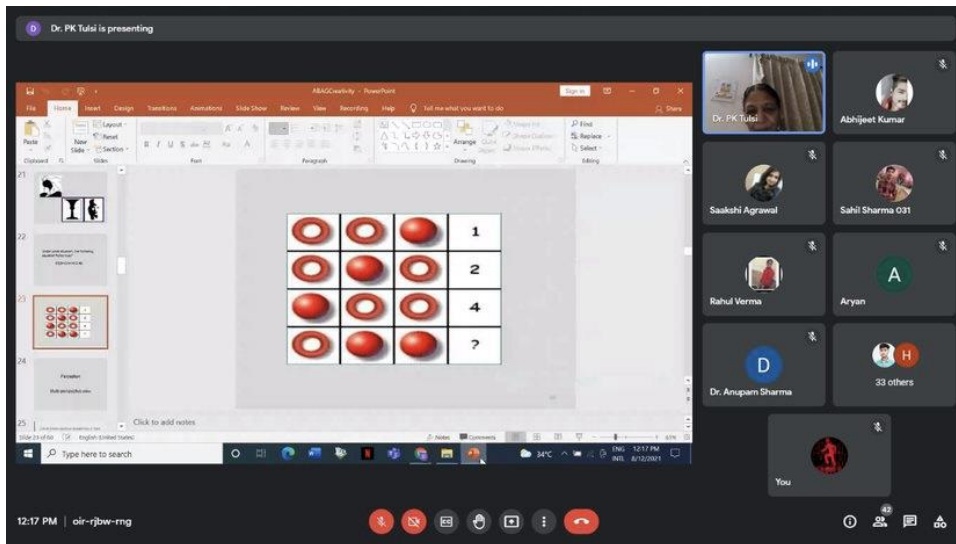
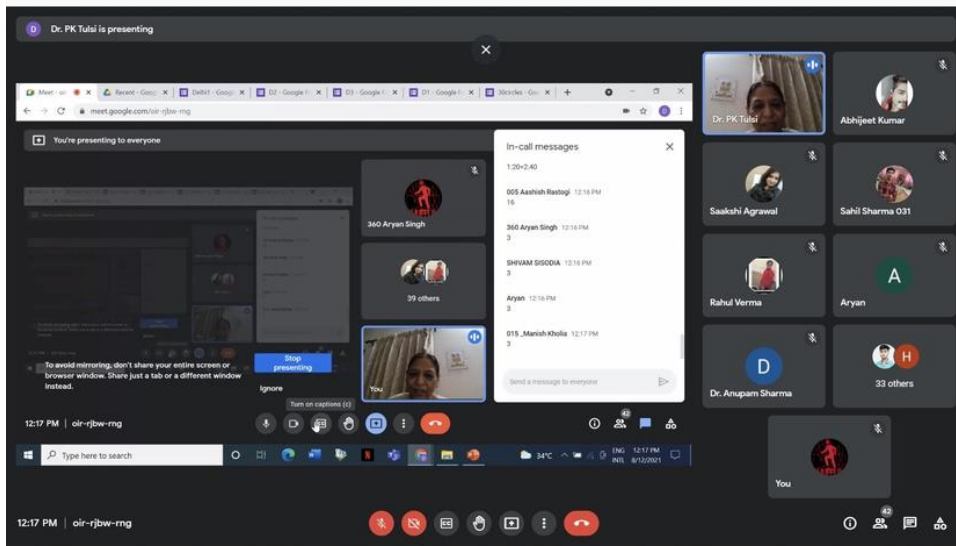
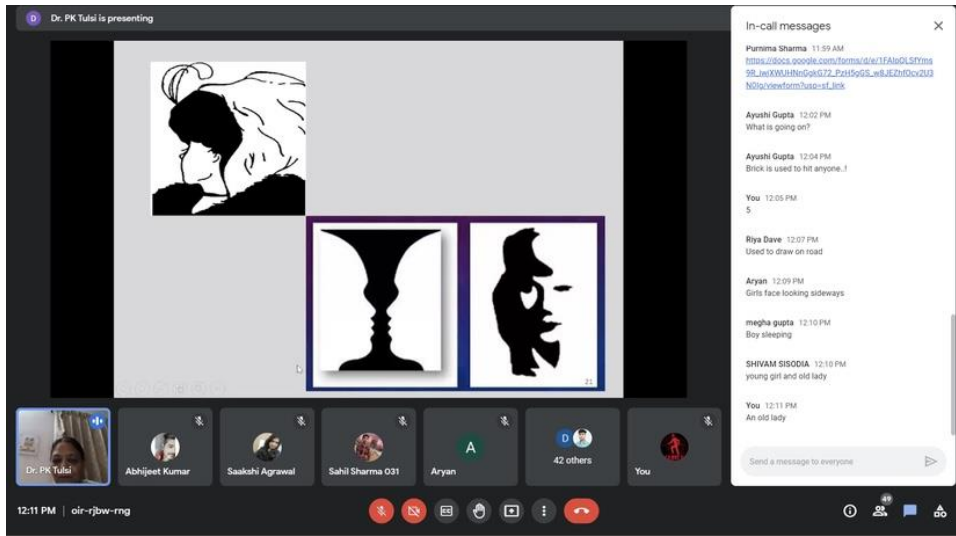
Aryan

Dr. Anupam Sharma

44 others

You

12:02 PM | air-rjw-rng



Dr. PK Tuli is presenting

Perception

Multi-perspective view

12:17 PM | oir-rjw-rmg

Dr. PK Tuli is presenting

2. Do you frequently go for a vacation to a new place without any planning?
43 responses

Response	Percentage
Yes	58.1%
No	41.9%

3. I can predict behaviour of a person if I know his social background.
43 responses

Response	Percentage
Yes	32.2%
No	67.8%

12:41 PM | oir-rjw-rmg

Dr. PK Tuli is presenting

Conformity

- Fear of flouting social norms, fear of social disapproval, fear of failure, touchiness, allergy to ambiguity
- Excessive allegiance to customs, traditions, rituals, procedures
- Conventional individual

Q. No 9

12:43 PM | oir-rjw-rmg

Dr. PK Tuli is presenting

Challenge the social norms , traditions, customs

Think of the implications of new behaviour

Benefits of new behaviour

12:43 PM | oir-rjw-rng

Dr. PK Tuli is presenting

Capacity of Jar is indicated in liters, Solve the problem

A	B	C	Total Reqd.
21	127	3	100
50	134	2	80
20	90	5	60
8	85	5	67
14	50	4	28
23	49	3	20

https://docs.google.com/forms/d/e/1FAIpQLScmiaX50G3GfZ51u8muR78RUjM42M_7J20i03G88D0cDcIeQ/viewform?usp=sf_link

In-call messages

18 (as far as I can count)

005 Aashish Rastogi 12:37 PM
For 4th Figure 66 blocks

015_Manish Kholla 12:39 PM
Mam what is the answer of 1 que?

You 12:39 PM
Manish it was 30

Dr. PK Tuli 12:48 PM
https://docs.google.com/forms/d/e/1FAIpQLScmiaX50G3GfZ51u8muR78RUjM42M_7J20i03G88D0cDcIeQ/viewform?usp=sf_link

015_Manish Kholla 12:50 PM
Yes mam

Syed Haider Ali Shah 12:53 PM
B-A-2C; B-A-2C; B-2A+2C; B-A-2C; 2A, A-C

Send a message to everyone

12:53 PM | oir-rjw-rng

Dr. PK Tuli is presenting

Rigidity

- Failure to adapt
- Stereotyping-generalization without sufficient evidence
- Dogmatism-passionate holding of a belief not warranted by information
- Functional fixedness

Q. No. 8

In-call messages

18 (as far as I can count)

005 Aashish Rastogi 12:37 PM
For 4th Figure 66 blocks

015_Manish Kholla 12:39 PM
Mam what is the answer of 1 que?

You 12:39 PM
Manish it was 30

Dr. PK Tuli 12:48 PM
https://docs.google.com/forms/d/e/1FAIpQLScmiaX50G3GfZ51u8muR78RUjM42M_7J20i03G88D0cDcIeQ/viewform?usp=sf_link

015_Manish Kholla 12:50 PM
Yes mam

Syed Haider Ali Shah 12:53 PM
B-A-2C; B-A-2C; B-2A+2C; B-A-2C; 2A, A-C

Send a message to everyone

12:54 PM | oir-rjw-rng

Meet - oir-rjw-rng

meet.google.com/oir-rjw-rng

Dr. PK Tuli is presenting

It's not easy to challenge stereotypes, but society doesn't change if you don't start changing yourself first."

**Be knowledgeable
Speak
React**

In-call messages

18 (as far as I can count)

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For 4th Figure 66 blocks

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Send a message to everyone

12:55 PM | oir-rjw-rng

Type here to search

Meet - oir-rjw-rng

meet.google.com/oir-rjw-rng

Dr. PK Tuli is presenting

Overcome Functional fixedness

- Be conscious of your cognitive bias
- List the alternate uses
- See the parts of the whole

In-call messages

18 (as far as I can count)

005 Aashish Rastogi 12:37 PM
For 4th Figure 66 blocks

015 _Manish Kholla 12:39 PM
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Dr. PK Tuli 12:48 PM
https://docs.google.com/forms/d/e/1FAjOLScm16G3GfZS1u7mvt79kUM42M_7J29a3Gk8DpCJe0vewfom7u5e-sJLink

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Yes mam

Syed Haider Ali Shah 12:53 PM
B-A-2C, B-A-2C, B-2A+2C, B-A-2C, 2A, A-C

Send a message to everyone

12:56 PM | oir-rjw-rng

Type here to search

Meet - oir-rjw-mg

meet.google.com/oir-rjw-mg

Dr. PK Tuli is presenting

Do not let the child in you ever die

- Indulge in imagination
- Daydream
- Be playful
- Observe & relate

Dr. PK Tuli

Saakshi Agrawal

Rahul Verma

Ankita CSE

Sumit Singh

O15_Manish Kho...

22 others

You

In-call messages

18 (as far as I can count)

005_Aashish Restogi 12:37 PM
For 4th Figure 66 blocks

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O15_Manish Kholla 12:50 PM
Yes mam

Syed Haider Ali Shah 12:53 PM
B-A-2C, B-A-2C, B-2A+2C, B-A-2C, 2A, A-C

Send a message to everyone

1:00 PM | oir-rjw-mg

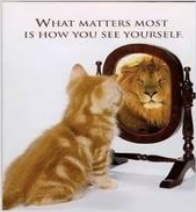
Type here to search

33°C

01:00 PM 12-09-2021

Dr. PK Tuli is presenting

Resource Myopia



- Inability to see resources at one's disposal
- Unaware of one's strength

Q. No. 11

Dr. PK Tuli

Saakshi Agrawal

Rahul Verma

Sumit Singh

O15_Manish Kholla

Ankita CSE

Dr. Anupam Sharma


19 others

You


1:03 PM | oir-rjw-mg

Dr. PK Tulsi is presenting

A translucent roof that closes like a camera Atlanta's newest stadium



Aqua Refining: A clean way to recycle lead



Dr. PK Tulsi

Saakshi Agrawal

Rahul Verma

Sumit Singh

015_Manish Khollia

Ankita CSE

Dr. Anupam Sharma

19 others

You

1:05 PM | oir-rjw-rng

Ankita CSE

Dr. PK Tulsi

megha gupta

Priyanka Kumar_CSE

Dr. Anupam Sharma

Saakshi Agrawal

Sumit Singh

16 others

You

1:12 PM | oir-rjw-rng

Ankita CSE

Dr. PK Tuli

meegha gupta

Priyanka Kumari_CSE

Dr. Anupam Sharma

Saakshi Agrawal

Sumit Singh

K

16 others

You

1:12 PM | oir-rjw-rng

Mute, Video, Chat, Help, End Call