

IIC Online YouTube Session (5)

Organized by MHRD Innovation Cell

Speaker:- Dr. Pankaj Parshar

Designation:- CEO/Founder Cuttingedge Technology Pvt. Ltd., Indore

Topic of the Session:- Hangout with Successful Startup Founder ([Link](#))

Youtube Channel Link:- [MHRD Innovation Cell's YouTube channel](#)

Date:- 04.05.2020

Time:- 03:00 PM to 04:00 PM

Participants from JU:-

Gargi Sinha Sarkar, Atreyee Chakraborty, Elina Haque, Garvit Poddar, Pritha Chowdhury, Kushal Chakrabarti, Sambit Sinha, Tahseen Bilal, Sachin Kumar, Yash Gupta, Ayush Pareek, Arghadeep Sadhu, Soumalya Kundu, Ananya Banerjee, Shuvayan Dutta, Aditya Das, Aneek Chakraborty, Sneham Das, Dibyangana Misra, Baibhab Ganguly, Shouvick Joardar, Abhisekh Gupta, Akriti Jain.

Snapshots from the session:-

Product design & Engineering for developing a Product, a Start-up's perspective

Dr. Pankaj Parashar
MBBS, PhD (Biomedical Engineering)
IIT Delhi
Royal Academy of Engineering London – LIF fellow

Session 5: Hangout with Successful Startup Founder.
3,622 watching now • Premiere in progress. Started 5 minutes ago

Top chat

- thanks to MHRD officials and Respected Dr. Pankaj Parashar Sir.
- Dr.Goufhami panchoori hal
- Anand Raj M.Anandng from M.Kumarasamy college of engineering,Karai, Tamilnadu
- Gaeta Santhosh Gaeta Santhosh from Acropolis Institute of Technology and Research Indore
- HARISH T S HARISH T S, FACULTY COORDINATOR, VIVEKANANDA INSTITUTE OF TECHNOLOGY,IC, BENGALURU 74
- Arjun R this is arjun, PhD scholar from NITK Mangalore
- nishu thakur good afternoon sir, I am Nisha Tomar from Dronacharya college of engineering Durgam Channarayana Palenissary hi sir this is Dhanya, P from Dr.N.G.P Arts and sciences college
- Dr. Ragini Jadhav Good afternoon Sir,
- Raghi Prince gd evening sir ragi from nandha engineering collage
- Garvit Poddar Say something...

What is Entrepreneurship?

The word **entrepreneur** originates from the French word, *entreprendre*, which means "to undertake." In a business context, it means to start a business. The Merriam-Webster Dictionary presents the **definition of an entrepreneur** as one who organizes, manages, and assumes the risks of a business or enterprise.

- The technology based entrepreneurship is called **Technopreneurship**

Dr. Pankaj Parashar
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Session 5: Hangout with Successful Startup Founder.
3,824 watching now • Premiere in progress. Started 6 minutes ago

Top chat

- Chandraashukhar Bhavsar Good Afternoon all
- Gayathri Mj Hi I'm gayathri from st Krishna college of technology coimbatore
- nishi J good afternoon everyone I am roshni jayaram from S.T PUNEKAR COLLEGE
- Ramya Raj Good afternoon, frm Ramya from SNS College of Engineering
- Mayur Malode good afternoon mayur Malode jayara Rajuraj Shahu college of engineering
- Aishwarya M.S. Good afternoon all this is Aishwarya M S from MYCEM college, Mysuru
- Sharvani Galwadde Good afternoon Sharvani from St College of Home Science
- Dr.B.Suresh Babu good afternoon Sir, Dr B Suresh Babu from St Krishna College of Technology Coimbatore
- vaidhuv shende VABHAV SHENDE
- Shweta Govindraj Hey sir,
- Garvit Poddar Say something...

Steps of Engineering a product through design

- Ideation/sketches
- Design proposal
- Feasibility analysis
- Prototypes
- Feedback
- Finalize product/design roadmap

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Session 5: Hangout with Successful Startup Founder.
4,529 watching now • Premiere in progress. Started 41 minutes ago

Top chat

- Dr.N.G.Parts and science college, coimbatore
- Shantanu Bhurde Hi DK
- Jalpana devi Dr.K.Kajjansadvi, Associate professor and Head of Chemistry (BSc and Research), Kongsanadu Arts and Science college, Coimbatore
- Kaibeen Wighmal Kaibeen Wighmal from Amity University Noida
- Anupriya Sathiyendran S.Anupriya dr.NGP arts and Science collage,coimbatore
- Dr. D. V. GREEKANTH St.Martins Engineering College All departments of St.Martins Engineering College are accredited by NBA.
- ALOK RAJ KUSHWAHA hello sir
- Shantanu Bhurde hi munhal
- Ishita Dey hello! I am Ishita Dey (student) from department of biomedical engineering of Jit College of engineering
- Garvit Poddar Say something...

4G LTE 19 KB/s VoLTE 15:22 61%

Aspects of design

- Interaction design:** how users interact with your product, what different contexts are, what buttons do, etc.
- Information architecture:** a model or concept of various data elements organized to solve task flows

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Live chat

Top chat 4.7K

- 15:22 Vishesh borkhede vishesh borkhede , PIEMR COLLEGE, Indore
- 15:22 Arya Nair Hi sir am Arya N Nair
- 15:22 sana parveen Good afternoon sir. I Sana Parveen from Mahadevi Institute of Technology , Dehradun. sir it is very useful session for us.
- 15:22 SWARNIKA PRIYA Good afternoon sir
- 15:22 Harsh Sharma This is Harsh Sharma from IIIT Noida
- 15:22 Dr.K.Krishna Veni Professor Hello every one - Dr.K.Krishnaveni Professor, EEED, CBIT, Hyderabad
- 15:22 syeda amtur good afternoon sir..amtur Rehman from st.ann's college

Chat publicly as Garvit Poddar...

Session 5: Hangout with...
youtube.com/watch?v=KdNgIMxk

THANK YOU VERY MUCH

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Session 5: Hangout with Successful Startup Founder.
4,411 watching now • Premiere in progress. Started 53 minutes ago

Top chat

- pramod pawar hello
- sruti ranjan mishra Thank you sir
- Hemidha Reema congratulations
- 19180046 Shukriya Aam. A. Thoppq For ur time sir 🙏
- Dr. N. Pandeywari Congratulations sir
- Pooja Sitastava well done sir... congratulations 🙏🙏
- Suryprakash THX excellent 🙏
- Anusha Rajesh Thank you sir
- Santosh Pachpute congratulations sir...
- Dev Surya Tq sir 🙏
- skand maurya great sir for your opportunity to become a member royal school of London
- Garvit Poddar Say something...

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Brief Notes from the Session:-

TIME STAMP	TOPICS DISCUSSED
00:30	Speaker's introduction and educational qualifications.
01:08	Brief introduction by the speaker about Cuttingedge Pvt. Ltd. and its medical device.
03:05	Product design and engineering for developing products with a startup perspective.
03:26	Importance of a product for an entrepreneur, brief introduction to entrepreneurship and what does it take to become an entrepreneur.
6:40	What is a product and its basic features.
10:20	A brief about tangible and intangible products, difference between product and prototype.
14:10	Discussion about design of product which describes the look and functioning of it before manufacturing.
16:16	Various aspects of design: <ul style="list-style-type: none"> ● Interaction design ● Information architecture ● Visual design ● Usability testing
23:55	Discussion about industrial design, communication design and design thinking.
28:07	Importance of design: <ul style="list-style-type: none"> ● Utility, peculiarity ● Ergonomics ● Safety ● Unique selling proposition ● Alignment with company motto
36:23	Steps of engineering a product through design right from ideation/sketches to finalizing the product.
39:55	Rapid prototyping: CAD designs being developed to prototypes using 3-D printers
41:37	Speaker's journey of innovation and product development.
44:34	Development of the first prototype on 4th January, 2013 which underwent product development

	resulting in many upgraded versions of the same.
49:20	Various achievements of products; opportunities of networking.
51:21	Contact details for queries and the speaker's association with AICTE.