

# Government Engineering College, Gandhinagar



SSIP CELL

Breath.ei

## SSIP Event Report

1. Title of the Programme: **Startup Era: Transformation in the Entrepreneurial mindset**
2. Date and Duration: **17th July 2021 From 11:00 AM to 1:00 PM**
3. Patron: **Dr. Sweta P. Dave**, Principal, GEC, Gandhinagar
4. Convener: **Prof. (Dr.) K. G. Maradia**, Mentor, SSIP Cell, GEC, Gandhinagar
5. Coordinator:

**Prof. Ketan Acharya**, SSIP Coordinator, GEC, Gandhinagar

**Prof. Piyush Patel**, SSIP Team Member, BM Dept., GEC, Gandhinagar

6. Venue: **Virtual Meeting on MS TEAMS platform**

Joining info- [https://teams.microsoft.com/l/meetup-join/19%3ameeting\\_MTFmYmJmNjgtOTg1ZC00YmYyLWE1ZWUtODI1YzM5YmU4MzEy%40thread.v2/0?context=%7b%22Tid%22%3a%22c5ef186e-1ed0-4e0b-8b12-df22547dc0b7%22%2c%22Oid%22%3a%2228f251da-da01-47cb-bb65-abdf549c799d%22%7d](https://teams.microsoft.com/l/meetup-join/19%3ameeting_MTFmYmJmNjgtOTg1ZC00YmYyLWE1ZWUtODI1YzM5YmU4MzEy%40thread.v2/0?context=%7b%22Tid%22%3a%22c5ef186e-1ed0-4e0b-8b12-df22547dc0b7%22%2c%22Oid%22%3a%2228f251da-da01-47cb-bb65-abdf549c799d%22%7d)

7. Experts:
  - i. **Mr. Manish Mandaviya**, Founder, Electrogenics Innovations Pvt. Ltd. (Breath.ei), Ahmedabad.
  - ii. **Mr. Pratik Thar**, Co-Founder, Electrogenics Innovations Pvt. Ltd. (Breath.ei), Ahmedabad.

8. Website: [breathei.tech](http://breathei.tech)

9. Total no. of participants: **105**

Students – **78**

Faculty – **26**

Industrial Person – **01**

10. Program summary:

The SSIP Cell, Government Engineering College, Sector-28, Gandhinagar had organized an online event of “Startup Era: Transformation in the Entrepreneurial mindset” for students and their project mentors on 17<sup>th</sup> July, 2021 on the MS Teams Platform. Total 105 people from various branches of engineering attended this event.

The event started at 11:000 AM as scheduled. After prayers, Prof. (Dr.) K. G. Maradia, Mentor, SSIP Cell, GEC, Gandhinagar welcomed students and faculties from various institutes. He briefed the audience about various activities and support provided by the SSIP Cell GEC, Gandhinagar over the past few years. Dr. Maradia also motivated students for participating in various activities planned by SSIP Cell in future and for submitting proposals under SSIP scheme for getting a fund of up to 2 lacks. He handed over the session to Prof. Piyush Patel, SSIP Team Member, BM Dept. He compered the program further.

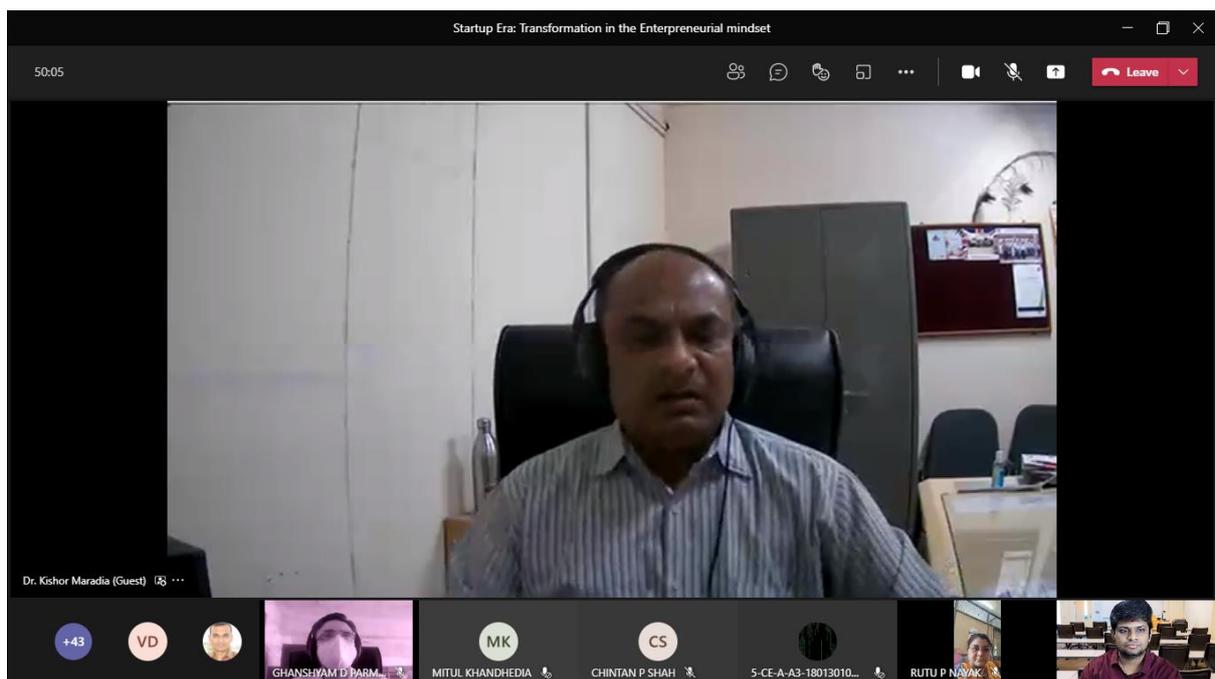
After welcoming the two experts for the event, Mr. Manish Mandavia and Mr. Pratik Thar, Founder, Electrogenics Innovations Pvt. Ltd. (Breath.ei), the session was handed over to them. Both the experts shared their startup story and their journey of designing the product with the audience. They provided great insights regarding how the idea was born by observing the problems faced by doctors and patients in the field of neonatal resuscitation devices. After thorough research of almost 3 years, they developed their first working proof of concept, which they eventually converted to a prototype device. Various challenges were faced during the journey of developing their final product named as Breath.ei. Students and Faculties asked them questions related to project ideation, motivation, technical and moral support, resources and infrastructure required, start-up findings & financial support, risk factors, market viability & competition, and challenges in launching the product in market. After satisfactory answers, audience had congratulated them for becoming job creators.

At the end, Prof. Piyush Patel sincerely expressed gratitude to the Experts, Principal, SSIP Mentor, Head of BM Department, SSIP Team Members, and Faculties for sparing their valuable time, guidance and support to make the event a success and thanked all Students and Mentors for attending the event and active participation in the question answer session.

11. Brochure of the event:

The brochure is for an online webinar titled "Transformation in the Enterpreneurial mindset". It is organized by SSIP Cell, CEC, Gandhinagar. The event is scheduled for Saturday, 17 July 2021, starting at 11 AM. The registration link is [Bit.ly/SSIP-Breath-ei](https://bit.ly/SSIP-Breath-ei). The event is patronized by Dr. Sweta P. Dave, Principal, CEC, Gandhinagar. The convener is Prof. (Dr.) K. G. Maradia, Mentor, SSIP Cell, CEC, Gandhinagar. The coordinators are Prof. Ketan K. Acharya, SSIP Coordinator, CEC, Gandhinagar, and Prof. Piyush V. Patel, SSIP Team Member, BM Dept., GECGn. The speakers are Manish Mandaviya, Founder, and Pratik Thar, Co-Founder. The event is associated with the "Breath.ei" brand, which is also shown as a device in the bottom right corner of the brochure.

12. Photographs of the online event:



Startup Era: Transformation in the Entrepreneurial mindset

57:21

Attendees (60)

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- 4B 4-BM-B-B1-200130103503-M...
- 4P 4-BM-B-B1-200130103504-H...
- 4P 4-BM-B-B2-200130103510-M...
- 4-BM-B-B2-200130103511-TE...
- 4P 4-BM-B-B2-200130103515-H...
- 4B 4-BM-B-B2-200130103516-JL...
- 4P 4-BM-B-B2-200130103527-P...
- 4B 4-BM-B-B3-200130103537-Z...
- 4C 4-BM-B-B3-200130103540-A...
- 4-BM-B-B3-200130103542-A...

Dr. Kishor Maradia (Guest)

+66 GP MK CS CHINTAN P SHAH 5-CE-A-A3-18013010... RUTU P NAVAK

Startup Era: Transformation in the Entrepreneurial mindset

49:40

Dr. Kishor Maradia (Guest) Expert2 RUTU P NAVAK

MITUL B PATEL GHANSHYAM D PARMAR PRIYANK K SHAH

+25 3P NL 3H FM 4P MP VD MK CS

Startup Era: Transformation in the Entrepreneurial mindset

01:04:31

Unmute (Ctrl+Shift+M)

Participants

Invite someone or dial a number

Share invite

Presenters (11)

- PIYUSH V PATEL Organizer
- CS CHINTAN P SHAH
- DP Devendra Patel
- DM Dr. Kishor Maradia (Guest) Guest
- E Expert2
- GP GHANSHYAM D PARMAR
- KA KETAN ACHARYA
- MP MAHENDRAKUMAR PATEL
- MP MAULINDU P PATEL

Expert2

+69 GP MK CS CHINTAN P SHAH RUTU P NAVAK Dr. Kishor Maradia (G...

Startup Era: Transformation in the Entrepreneurial mindset

01:03:41

Photos - Breath.ei.jpg

ELECTROGENICS INNOVATIONS

# Breath.ei

Version 1      Version 2      Final Product

Participants

Invite someone or dial a number

Share invite

Presenters (11)

Mute all

- PIYUSH V PATEL (Organizer)
- CHINTAN P SHAH
- Devendra Patel
- Dr. Kishor Maradia (Guest)
- Expert2
- GHANSHYAM D PARMAR
- KETAN ACHARYA
- MAHENDRAKUMAR PATEL
- MAULINDU P PATEL

RUTU P NAVAK

Expert2

Dr. Kishor Maradia (G...)

Startup Era: Transformation in the Entrepreneurial mindset

01:27:35

Exit spotlight

Meeting chat

What advantages does your competition have over you?

Jilesh Shah (Guest) has ten

PINAL PATEL 11:41 am

Compared to your competition, how do you compete with respect to price, features, and performance?

What are the barriers to entry?

4-BM-B-82-200130103512-SIMI SUNNY has temporarily joined the chat.

PINAL PATEL 11:43 am

What risks have arisen to the business, your customers, your supply chain, or your employees due to COVID-19?

Type a new message

Expert2

+60

GP

MK

CS

CHINTAN P SHAH

Dr. Kishor Maradia (G...)

RUTU P NAVAK

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An Innovation for lives

Product

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3 / 3

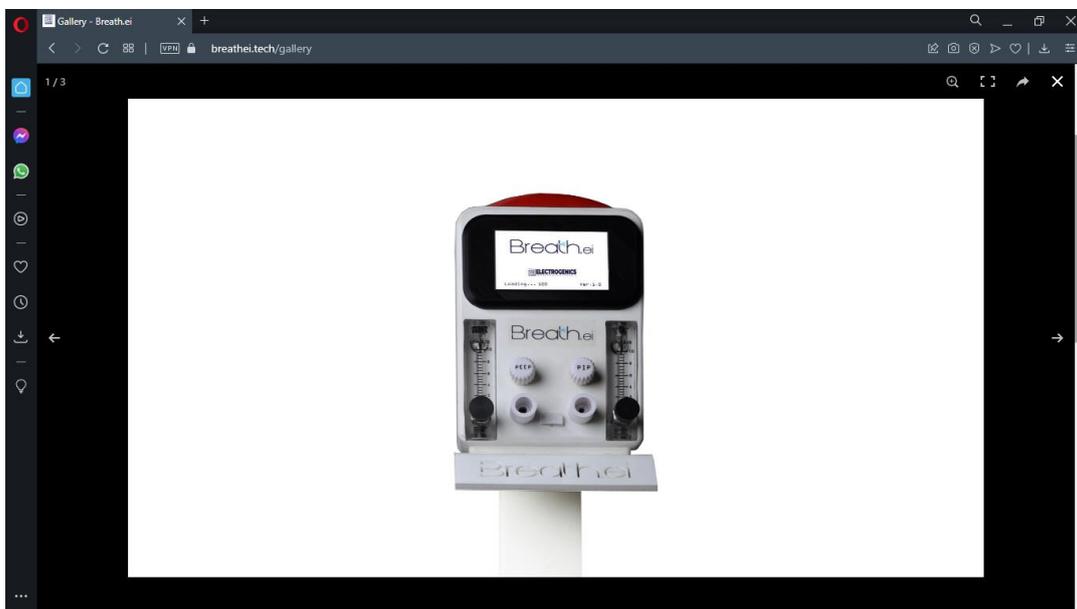


**Breath.ei**  
LAUNCHING  
June 11, 2021  
#innovation4lives  
<https://breathe.tech>

Introducing First in segment  
**"Advanced Neonatal Resuscitation Device"**

**Features**

- Multiple Modes
- Built-in Air Sources
- Battery Backup
- Light Weight
- Portable



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bde13197c2394b66aa985fdb72e90171 | 2 / 3 | 50%



**Key Features**

- Multi Modalities Neonatal Resuscitation Device
- Built-in Air Source
- Battery Backup up to 2 Hours
- Only 2.5 kg Weight
- Proprietary Pneumatic Block for accurate pressure control
- Digital Real time Pressure Monitoring
- Built-in PIP & PEEP Control
- Auto Pressure relief at 40 cmH<sub>2</sub>O
- Color coded GUI for all Modes

**Technical Specification**

Power Indication: Indicator for Manis & Battery with Battery level

Alarm Bar: 360° Bar for enhanced visibility

Display: 4.3" Colored Touch-Screen for seamless performance

Flowmeters: High precision Air & Oxygen Flowmeters for 21-100% FiO<sub>2</sub>

Control Knob: Ergonomically designed PIP & PEEP control knobs for fine setting pressure settings

Patient Circuit Connections: Universal connectors for trap and Exp. limbs

**ELECTROGENICS INNOVATIONS**

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Operating Modes: m-CPAP, B-CPAP, HFNC, Auto Mode