

CHITKARA
UNIVERSITY


Funding Support ₹1 Crore

NOVATE+ 2020


Supporting the National effort against COVID-19

FINAL RESULT-25th June, 2020
TOP WINNER OF CASH PRIZE OF RS 5 LAC
(Jointly won by 2 contestants)

| Sr. No | Name | Affiliation | Product Name & Brief Description | Prize/Award |
|--------|-------------------|--|--|---------------------|
| 1 | Raghav Sharma | Xovian Aerospace | Low Cost Rapid Smart And Safe Sanitization: Realization and quick deployment of Mass Sanitization solution clubbed with IOT and data analytics enabling the Govt and Pharmaceutical companies to take prognostic efforts in understanding the infection trend and quick deployment of precautionary measure as an effective crowd management and Geo-fencing tool. | 2.5 Lac prize Money |
| | Ankit Bhateja | Xovian Aerospace | | |
| | Dr. VK Agrawal | Ex-Outstanding scientist ISRO and Tech head Xovian Aerospace | | |
| | Dr. Bajpai | Professor (Chemical engineering) NIT Jalandhar | | |
| 2 | Shashwat Agarwal | IIT BHU, Varanasi | ASHA: A tele-health platform in the mental health space, for assisting the psychologists in remote diagnosis of patient's mental health status by using advanced technology | 2.5 Lac prize Money |
| | Divyansh Kumar | IIT BHU, Varanasi | | |
| | Animesh Das | The NorthCap University | | |
| | Jaineel Mamtara | St. Francis Institute of Technology | | |
| | Saurabh Katkar | Atharva Collage of Engineering | | |
| | Amlan Kumar Nandy | Trident Academy of Technology | | |
| | Tejas Chheda | Sardar Patel Institute of Technology | | |
| | Rithvika Iyer | Sardar Patel Institute of Technology | | |
| | Vish Narayan | (Mentor) | | |

WINNERS FROM OTHER CATEGORIES & AWARDEES OF GOVT GRANTS

CATEGORY-1: NEWGEN IEDC GRANT

| Sr. No | Name | Affiliation | Product Name & Brief Description | Prize/Award |
|--------|-------------------------|---|--|--|
| 1 | Gurditt Singh | Chitkara University | SARAL UDYOG: DIY kits for rapid prototyping which serves the purpose of practical exposure to students as well as the rapid prototyping of innovations at the homes and remote areas. | IEDC prototyping grant of upto 2.5 Lac |
| | Shivansh Guleria | Chitkara University | | |
| | Anubhav Garg | Chitkara University | | |
| | Naveen Kumar | Chitkara University | | |
| | Varinder Singh (Mentor) | Project Manager Aautosync Innovations | | |
| 2 | Gurwinder Singh | Chitkara University | MANO AID: It provides cognitive behavioral therapy virtually to mental health patients at their homes with an electronic glove that monitors physiological signals. Mano-Aid is an affordable VR system that can run on any android or ios phone thus no extra device is needed. | IEDC prototyping grant of upto 2.5 Lac |
| | Neha Tuli | Chitkara University | | |
| | Shivam Sharma | Chitkara University | | |
| 3 | Gyan Singh | Chitkara University | UV RAKSHAK: An UV-C empowered robot intended to sterilize huge indoor spaces in short time. This robot is operated through a mobile application and the app notifies the user when the disinfection is completed. | IEDC prototyping grant of upto 2.5 Lac |
| | Pranav Sikka | Co-Founder | | |
| | Tarun Bhalla(Mentor) | CEO(Avishkaar) | | |
| 4 | Dr Sandeep Arora | Chitkara College of Pharmacy, Chitkara University | Novel inhalable Microparticle delivery system for Hydroxychloroquine and Surfactants for pulmonary delivery for management of ARDS in COVID : Major problems of oral treatment | IEDC prototyping grant of upto 2.5 Lac |
| | Dr Sukhbir Singh | Chitkara College of Pharmacy, Chitkara University | | |

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|--|------------------|---|--|--|
| | Dr Neelam Sharma | Chitkara College of Pharmacy, Chitkara University | with HCQ can cause possible severe side effects and toxicity. Therefore, we propose the use of HCQ as inhalable microparticles in a dosage of 5 mg per inhalation. | |
|--|------------------|---|--|--|

CATEGORY-II: MEITY TIDE 2.0 GRANT

| Sr. No | Name | Affiliation | Product Name & Brief Description | Prize/Award |
|--------|-------------------|---|--|---|
| 1 | Dr Sachin Ahuja | Chitkara University | CURRENCY SANITIZING MACHINE: A printer type machine that can sanitize the currency notes as well as files & papers quickly to stop the spread of Corona. | MIETY TIDE 2.0 prototyping grant of upto 7Lac |
| 2 | Raghav Sharma | Xovian Aerospace | LOW COST RAPID SMART AND SAFE SANITIZATION: Realization and quick deployment of Mass Sanitization solution clubbed with IOT and data analytics enabling the Govt and Pharmaceutical companies to take prognostic efforts in understanding the infection trend and quick deployment of precautionary measure as an effective crowd management and Geo-fencing tool. | MIETY TIDE 2.0 prototyping grant of upto 7Lac |
| | Ankit Bhateja | Xovian Aerospace | | |
| | Dr. VK Agrawal | Ex-Outstanding scientist ISRO and Tech head Xovian Aerospace, | | |
| | Dr. Bajpai | Professor(Chemical engineering) NIT Jalandhar | | |
| 3 | Shashwat Agarwal | IIT BHU, Varanasi | ASHA: A tele-health platform in the mental health space, for assisting the psychologists in remote diagnosis of patient's mental health status by using advanced technology | MIETY TIDE 2.0 prototyping grant of upto 7Lac |
| | Divyansh Kumar | IIT BHU, Varanasi | | |
| | Animesh Das | The NorthCap University | | |
| | Jaineel Mamtara | St. Francis Institute of Technology | | |
| | Saurabh Katkar | Atharva Collage of Enginnering | | |
| | Amlan Kumar Nandy | Trident Academy of Technology | | |
| | Tejas Chheda | Sardar Patel Institute of Technology | | |

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|---|--------------------|---|--|---|
| | Rithvika Iyer | Sardar Patel Institute of Technology | | |
| | Vish Narayan | (Mentor) | | |
| 4 | Dr Virender Kadyan | UPES University, Dehradun | DHANRAKSHAK: It is a smart currency sanitizing device which can be used remotely to sanitize currency notes and bills. It used liquid sanitizer converted into mist and sprayed using foggers. | MIETY TIDE 2.0 prototyping grant of upto 7Lac |
| | Yashank | Chitkara University | | |
| | Pranav Garg | CUIET, Chitkara University | | |
| | Pranav | CUIET, Chitkara University | | |
| | Vedant Daruka | School of Computer Science, UPES University, Dehradun | | |

CATEGORY-II: MEITY TIDE 2.0 EIR

| Sr. No | Name | Affiliation | Product Name & Brief Description | Prize/Award |
|--------|--------------------|------------------------------|---|------------------------------|
| 1 | Vedant Shrivastava | KIIT University, Bhubaneswar | COVID-PDS +: The idea is about connecting the stakeholders (People, Government, NGOs) by creating an e-PDS system, using complete technology enabled platform which will be working in real time to provide food and shelter to the needy ones. | MIETY TIDE 2.0 EIR upto 4Lac |
| | Anmol Sinha | KIIT University, Bhubaneswar | | |
| | Avik Kundu | KIIT University, Bhubaneswar | | |

CATEGORY-IV: UNIVERSITY FUNDING FOR RESEARCH

| Sr. No | Name | Affiliation | Product Name & Brief Description | Prize/Award |
|--------|-------------------|---|---|--|
| 1 | Dr Sandeep Arora | Chitkara College of Pharmacy, Chitkara University | Novel inhalable Microparticle delivery system for Hydroxychloroquine and Surfactants for pulmonary delivery for management of ARDS in COVID Major problems of oral treatment with HCQ can cause possible severe side effects and toxicity. Therefore, we propose the use of HCQ as inhalable microparticles in a dosage | An opportunity to pitch for 75 Lac University funding for Research |
| | Dr Sukhbir Singh, | Chitkara College of Pharmacy, Chitkara University | | |
| | Dr Neelam Sharma | Chitkara College of Pharmacy, Chitkara University | | |

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|--|--|--|-------------------------|--|
| | | | of 5 mg per inhalation. | |
|--|--|--|-------------------------|--|

CATEGORY V: CASH PRIZE FOR PRAYERISE

| Sr | Name | Affiliation | Product Name & Brief Description | Prize/Award |
|----|--------------------|---------------------|--|----------------------------|
| 1 | Dr Jyotsna kaushal | Chitkara University | Enhancement of Youth Resilience through Yoga, Pranayama & Meditation- Blend of Ancient & Scientific Approach This project aims to innovate to build the resilience of youth to face life by building their individual capacity and address issues by following a scientifically tested approach of yoga, pranayama and meditation. | Prayerise – 15K cash prize |
| | Dr Preethi Pardhan | Chitkara University | | |
| | Dr Keerti Pardhan | Chitkara University | | |

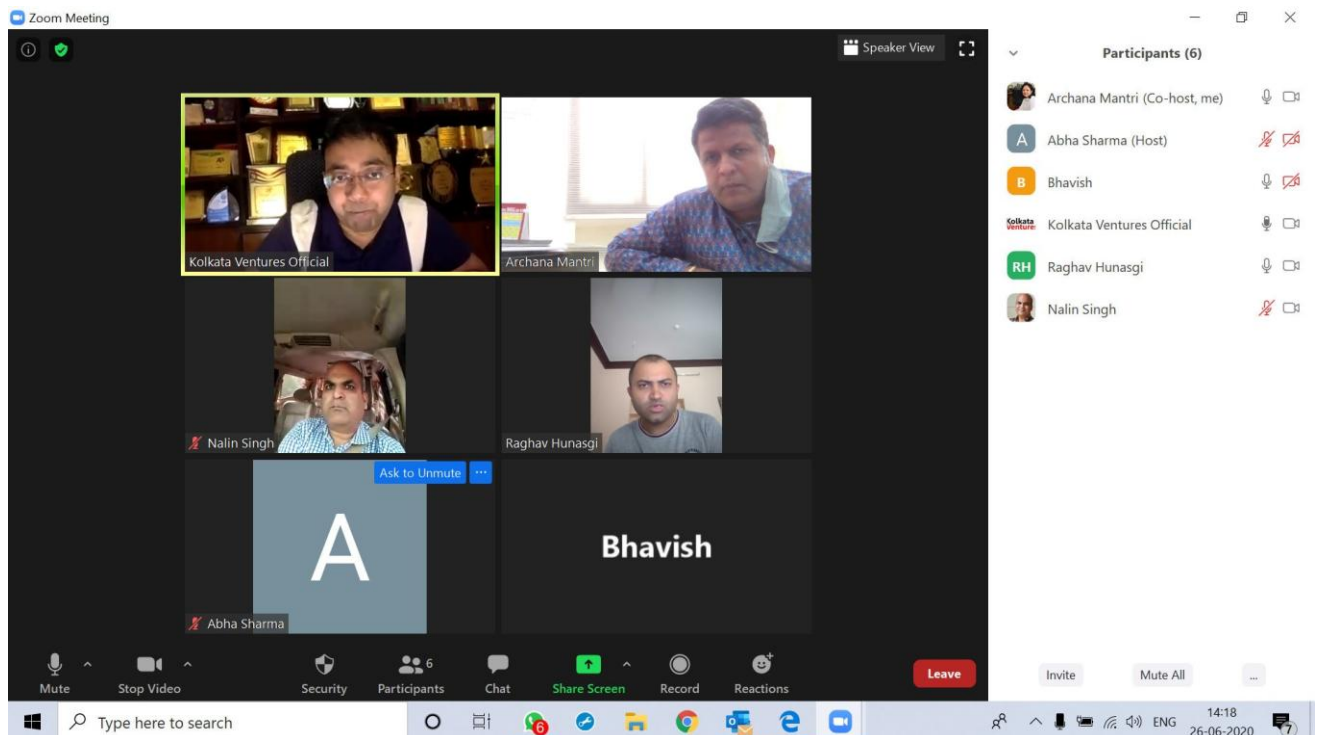
CATEGORY VI: CASH PRIZE FOR PICTURISE

| Sr. No | Name | Affiliation | Product Name & Brief Description | Prize/Award |
|--------|-------------------|---|---|---------------------------|
| 1 | Vignesh Charan | MIT World Peace University, Pune, Maharashtra | INTELLIGENT CROWD SURVEILLANCE SYSTEM FOR SOCIAL DISTANCING : Proposed solution aims to create a smart surveillance application that will keep a watchful eye and detect social distancing among people in public places. | Picturise– 15K cash prize |
| | Poojan Panchal | MIT World Peace University, Pune, Maharashtra | | |
| | Kaushiv Agarwal | MIT World Peace University, Pune, Maharashtra | | |
| | Trupti Baraskar | MIT World Peace University, Pune, Maharashtra | | |
| | Sajeeda Shikalgar | MIT World Peace University, Pune, Maharashtra | | |

ONGOING FINAL JURY SESSION



Thanks to the Jury!



Special and Heartiest thanks to the Grand Jury of NOVATE+2020:

- Mr. Nalin Singh - Investor and Founder CULTUS & Partner Orbit Future Academy-Indonesia.
- Mr. Avelo Roy - Managing Director-Kolkata Ventures.
- Mr. Bhavish Sood - Investor & Partner Modular Capital-Gurgaon
- Mr. Raghav Hunasgi - Entrepreneur -CMO @ Evolutyz Corp | Global Shaper World Economic Forum| Chief Advisor UN | TED Speaker| Author| Branding

Good Day!