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The Constituent College

SHRI B. M. PATIL MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, VIJAYAPURA



## INSTITUTION'S INNOVATION COUNCIL



BLDE (Deemed to be University) from its inception is encouraging innovations, startups and entrepreneurship among students and faculty to strengthen the overall health of this part of Karnataka. Further, to nurture such activities BLDE (DU) established Institution's Innovation Council (IIC) in 2018 to follow MHRD initiative.

#### Major focus of this IIC is:

- to create a vibrant local innovation/incubation ecosystem.
- to inculcate spirit of innovation/ entrepreneurship and critical thinking among the students and promote avenues for display of these talents with the relevant details under the following options: (Extra Mural Funded TBIs (<u>Technology Business Incubator</u>)/ EDI(ECONOMIC DEVELOPMENT INCENTIVE FUND)/ Innovation Cell, Internally Funded Entrepreneurship/ Innovation Cell, Credit Course Work on Entrepreneurship/ Innovation Self or jointly with external agencies, Audits self-study courses, Financial Support, Other support systems to nurture innovation & entrepreneurship.
- to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes while they are informative years.



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#### Institution's Innovation Council (IIC) Establishment and Rating Certificates



Figure 1- establishment certificate



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Figure 2- 2018-2019 - IIC star ratting certificate



Figure 3- 2019-2020 - IIC star ratting certificate



## **BLDF**

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#### **Innovations/Startups Made by Our University**

| SL<br>NO | INVENTOR   | TITLE OF INVENTION  | YEAR |
|----------|--|---|------|
| 01       | Mrs. Anita Tippa<br>Dr. Surekha Hipparagi  | Sanitizer spray box   | 2020 |
| 01       | Dr Vijayakumar T K<br>Mr. Ramesh Kumar<br>Mr. Girish B   | Aerosol Box for Intubation in COVID 19  | 2020 |
| 03       | Dr. Surekha Hipparagi<br>Mrs. Anita Tippa  | Corona warrior self-alert belt  | 2020 |
| 04       | Dr Aravind Patil<br>Mr. Girish Badragond,<br>Dr Surekha Kalyanappagol,<br>Dr Jayalaxmi Gonal<br>Dr Smita Mangalagi | Co-ultra-portable machine   | 2020 |
| 05       | Mr. Rahul  | Easy Peezy  | 2020 |
| 06       | Dr. Deepak Chavan<br>Dr. Anil Reddy  | Critical care wireless portable teaching device   | 2019 |
| 07       | Dr. Deepak Chavan<br>Dr. Anil Reddy  | Virtual dissection table  | 2019 |
| 08       | Dr. Anil Reddy Konduru<br>Dr. Balasaheb R Yelikar<br>Dr. KV Sathyashree<br>Dr. Ankur Kumar                         | Utilization of open source technology<br>to create cost-effective microscope<br>camera systems for teaching<br>(Raspberry Pi – Camera system) | 2018 |
| 09       | Dr. Ishwar Bagoji  | Artificial limb   | 2018 |
| 10       | Dr. Prashant Kumar   | DIY grossing board instruments for better sections  | 2018 |
| 11       | Dr. G A Hadimani<br>Dr. Ishwar Bagoji  | Embalming Machine   | 2018 |
| 12       | Dr. Kapse Sachin Shivaji<br>Dr. Anil Reddy Konduru<br>Dr. Yelikar Balasaheb<br>Dr. R. Potekar Ratnakar M.          | QR-enabled Museum-In Your Pocket  | 2017 |
| 13       | Dr Surekha Hippargi<br>Dr Anil Reddy   | DIY Cyto-filt cards- Cost Reduction 2017  |      |
| 14       | Dr. Anil Reddy<br>Dr. Himanshu Mulay   | DIY - Slide Digitization  | 2017 |
| 15       | Dr. Arun Inmadar   | Life saving jacket  | 2016 |



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#### Patents Filed/Published by Our University

| Sl<br>No | Name of the<br>Patenter/ Copyright<br>awardee  | Patent/Cop<br>yright<br>Number | Title of the patent/Copyright  | Year patent was awarded/published                              |
|----------|--|--------------------------------|--|--|
| 1        | Krishnacharya<br>Akamanchi<br>Dr.Raghavendra<br>Kulkarni<br>Dr.Dhiraj M.Patil                    | 202041003<br>507               | Enzyme Mediated Cell Disruption Based Efficient Extraction of Campothecin From Nathapoetida Nimmoniana Plant | Date of Filing:27.01.2020 Published Date:25.09.2020            |
| 2        | Dr. G. A. Hadimani, Dr. I. B. Bagoji, Dr. R S Bulagouda, Dr.Kusal Das, Dr. Aravind Patil, Laxman | 202041023<br>339               | Novel Embalming Machine (Utility)  | Date of Filing:03.06.2020 Published Date: 31.07.2020           |
| 3        | Dr. I. B. Bagoji,<br>Kanhu Charan, Dr.<br>Girish Kodnapur  | 202041038<br>117               | A Novel foldable artificial leg (Utility)  | Date of<br>Filing:03.09.2020<br>Published Date:<br>11.09.2020  |
| 4        | Dr. Raghavendra V.Kulkarni Mrs.Sudha B Patil Dr.K.G.Akamanchi Dr.Kusal K das                     | 202041040<br>723               | Pharmaceutical Formulations of Electro- Responsive Smart Hydrogel for Transdermal Drug Delivery              | Date of<br>Filing:20.09.2020<br>Published Date:<br>09.10.2020  |
| 5        | Dr. Raghavendra<br>V.Kulkarni<br>Mr. Ravindra Birajdar   | 202041042<br>648               | Pharmaceutical Composition of Electrically-Sensitive Polyacrylamide Grafted Gum Tragacanth                   | Date of Filing:<br>30.09.2020<br>Published Date:<br>09.10.2020 |



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|   | Dr.K.G.Akamanchi      |            | Copolymer for Electro-      |                   |
|---|-----------------------|------------|-----------------------------|-------------------|
|   | D Man' 1              |            | Modulated Transdermal       |                   |
|   | Dr.M.S.Biradar        |            | Drug Delivery               |                   |
| 6 | Satish G Patil,       | 202041000  | Preparation of supported    |                   |
|   | Krishnacharya         | 778        | cadmium and its             |                   |
|   | Akamanchi             |            | application for analysis of | Date of           |
|   |                       |            | nitrate in various matrices | Filing:08.01.2020 |
| 7 | Dr. I. B. Bagoji, Dr. | 329782-001 | Embalming                   |                   |
|   | G. A. Hadimani, Dr.   |            | Machine(Design)             |                   |
|   | R S Bulagouda,        |            |                             |                   |
|   | Dr.Kusal Das, Dr. S   |            |                             | Date of           |
|   | V Patil, Laxman       |            |                             | Filing:03.06.2020 |
| 8 | Dr. I. B. Bagoji,     | 332724-001 | Foldable artificial limb    |                   |
|   | Kanhu Charan, Dr.     |            | (Design)                    | Date of           |
|   | Girish Kodnapur       |            |                             | Filing:03.09.2020 |



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SHRI B. M. PATIL MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, VIJAYAPURA **Details of Innovations:** 

1. Sanitizer spray box using IR sensor

Innovators: Mrs. Anita Tippa and Dr. Surekha Hipparagi

Photo of the sanitizer box:





#### **Problem definition:**

Now days we are facing problem from corona virus. From morning to night we are using our hand to touching nose, eye and mouth. So avoid to touching these things using this project.

#### **Executive summary:**

➤ The IR sensor having 3 pins, left pin of the IRsensor connected to the 1 k ohm resistor. Middle pin of the IR sensorconnected to the mini water pump (black colour wire. Right pin of the IR sensor connected to the USB cable.



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- Resistor another end connected to the base of the transistor, collector of the transistor connected to the end of the mini water pump (red wire).
- Emitter of the transistor connected to the USB cable, another USB cable end connected to the w after pump (black wire).
- ➤ Power will supply to this circuit, while connecting the data cable to the switch board then the circuit will operate. Fill the box with sanitizer then take hand in front of the IR sensor then the sensor will sense the object then we will get sanitizer through pipe (micro pipette tip).

#### **Conclusion:**

- > Our conclusion, by this project we can control corona virus to spreading all over India.
- ➤ We can get alert from this disease. Avoid to touching the nose, mouth and eye.



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#### 2. Aerosol box

Intubation box in COVID19

Innovators: Dr Vijayakumar T Kalyanappagol, Mr. Ramesh Kumar, Mr. Girish B

Aerosol boxes have been promoted by multiple worldwide news organizations in print, television, online and across social media (see examples below) as not only a quick and simple solution to protecting frontline workers but also an example of private industries stepping up production to support frontline healthcare workers. However, these devices were produced outside the normal regulatory framework, and thus were never clinically tested or validated foreffectiveness and safety. They were subsequently heavily promoted in the media and on social media. Yet despite this heavy promotion, no international guideline on personal protective equipment (PPE) has ever endorsed their use.

In recent months there have been increasing concerns from the medical community that these devices might be either not helping, or potentially exposing frontline medical staff to unforeseen harm, but as this could not be proven, the devices continued to be used across the globe. In this new study, Dr Vijayakumar T Kalyanappagol and Simpson and colleagues partnered with Ascent Vision Technologies, a Melbourne-based engineering company, to test the effectiveness of varying methods of aerosol containment, including the so-called aerosol box (see links to photos below), which various private companies have offered their services to manufacture.





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#### 3. "CORONA WARRIOR SELF-ALERT FROM CORONA VIRUS" – PROJECT

Project submitted on 28<sup>th</sup> April 2020

Innovators: Dr. Surekha Hipparagi and Mrs. Anita Tippa

**Objective:** To avoid frequent touching of face in the event of COVID19 pandemic which is one of the ways the virus will transmit.

People touch their faces frequently. They wipe their eyes, scratch their noses, bite their nails and twirl their mustaches. Studies show that students, office workers, medical personnel and people on trains touch their faces between nine and 23 times per hour, on average. So to be alert or aware of touching face a small simple portable belt has been prepared which give buzzer when elbow joint angle reduces lesser than 90 degree centigrade.

#### • BY USING THESE PARTS WE CAN GET ALRET.



Corona warrior self-alert from corona virus



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#### **Problem Definition:**

Now days we are facing problem from corona virus. From morning to night we are using our hand to touching nose, eye and mouth. So avoid to touching these things using this project.

#### **Executive Summary:**

- ➤ When we will fold our hand the switch will get activate. The power supply will pass through the buzzer then the buzzer will give the sound (beep).
- ➤ Power will supply to the buzzer through the switch.

#### **Conclusion:**

- ➤ Our conclusion, by this project we can control corona virus to spreading all over india.
- We can get alert from this disease. Avoid to touching the nose, mouth and eye.



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#### 4. "CO-ULTRA PORTABLE MACHINE"

#### **Inventors:**

Dr Aravind Patil

Dr Surekha Kalyanappagol,

Mr. Girish Badragond,

Dr Jayalaxmi Gonal

Dr Smita Mangalagi

## Project submitted on 14<sup>th</sup> April 2020

Project submitted by BLDE medical college and BLDE engineering college Vijayapura

The equipment named as "Co-Ultra Solution 20" is a portable multipurpose machine build by a team of Institutions Innovation council of BLDE (Deemed to be University) Shri B .M. Patil Medical college, Hospital & Research Centre in collaboration with VP Dr. P.G. Halakatti College of Engineering & Technology and Krishi Taranga Farm tech Vijayapura In the event of COVID19 pandemic, when antiviral drugs or vaccines are still evolving environmental transmission can be reduced through social distancing & taking personal protective measures. STAY HOME STAY SAFE is a popular dictum for the public at this situation but health care workers are working day & night in the hospital. It is equally important to take care of personal safety of health care workers & their family from the infectious disease.

So this equipment is prepared, based on Ultra violet rays technology as disinfectant mode as it is very important to disinfect high touch surface items like Stethoscope BP apparatus, currency, hospital documents, pens key chains, purses, foot wares, mobiles covers, laptops, & even reusable masks & caps etc. of person who is working in highly infectious areas



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SHRI B. M. PATIL MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, VIJAYAPURA like hospitals, otherwise there is a high chances of taking these microorganisms to home. This equipment can be also used for sanitizing household items like milk packets chips packets, vegetables etc.



Figure 1- Co-Ultra Solution 20



Figure 2- The Co-Ultra machine working method



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#### **Report of the Co-Ultra Solution 20:**

In the event of COVID19 pandemic, when antiviral drugs or vaccines are still evolving environmental transmission can be reduced through social distancing & taking personal protective measures. STAY HOME STAY SAFE is a popular dictum for the public at this situation but health care workers are working day & night in the hospital. It is equally important to take care of personal safety of health care workers & their family from the infectious disease.

The equipment named as "Co-Ultra Solution 20" is a portable multipurpose machine build by a team of Institutions Innovation council of BLDE (Deemed to be University) Shri B .M. Patil Medical college, Hospital & Research Centre in collaboration with VP Dr. P.G. Halakatti College of Engineering & Technology and Krishi Taranga Farm tech Vijayapura.

Dr Surekha Kalyanappagol,Mr. Girish Badragond,Dr Jayalaxmi Gonal & Dr Smita Mangalagi the team members said that Centre for Disease Control & prevention has published many articles on effectiveness of ultraviolet rays & mentioned that most of the bacteria & viruses including Corona Viruses are either killed or inactivated.

So this equipment is prepared, based on Ultra violet rays technology as disinfectant mode as it is very important to disinfect high touch surface items like Stethoscope BP apparatus, currency, hospital documents, pens key chains, purses, foot wares, mobiles covers, laptops, & even reusable masks & caps etc. of person who is working in highly infectious areas like hospitals, otherwise there is a high chances of taking these microorganisms to home.

This equipment can be also used for sanitizing household items like milk packets chips packets, vegetables etc. One more uniqueness of this equipment is it is fitted with sensor & it opens and closes automatically when any person stands in front of it, which gives extra protection against transmission of microorganisms through surface contact.

Equipment is validated by Department of Microbiology Shri. B.M.Patil Medical College, Hospital &Research Centre& they endorsed that within quick time (3-5 minutes) items



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SHRI B. M. PATIL MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, VIJAYAPURA will be sanitized. Team members cautioned that this equipment is not designed for skin surfaces as UV rays can cause skin irritation. Honorable Chancellor BLDE (DU) Dr M B Patil MLA Babaleshwar, former Home minister & Minister of water resources appreciated the efforts of team members and advised to bring many more innovative solutions like this which is needed to tackle the life time challenging diseases like COVID19.

Honorable Vice chancellor Dr M.S. Biradar, Principal Dr Aravind Patil & Medical Superintendent Dr Vijay Kumar Kalyanappagol, BLDE (DU) Shri. B.M.Patil Medical College, Hospital&RC, Dr. Atul B. Ayare Principal, Dr Pradeep Malaji Vice Principal -VP Dr. P.G. Halakatti College of Engineering & Technology, Vijayapura congratulated the team & said that this novel idea of preparing a portable box using ultra violet radiation with local material can be used as disinfectant equipment for high touch surface items at the hospital entrance /exit & at houses as all the personal items of anyone entering to & exiting from hospital /house will go through sanitizer check .

#### **NEWS PAPER PHOTOS:**



Figure 1- News Paper photo



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## ವೈರಸ್ ನಾಶಕ್ಕೆ ಕೋ-ಅಲ್ಟ್ರಾಸಲ್ಯೂಶನ್ ಯಂತ್ರ

ವಿಜಯಪುರ: ಬಿಎಲ್ಡ್ ಸಂಸ್ಥೆಯ ಬಿ. ಎಂ.ಪಾಟೀಲ ವೈದ್ಯಕೀಯ ಕಾಲೇಜ್ ಮತ್ತು ಆಸ್ಪತ್ರೆ ವತಿಯಿಂದ ಡಾ.ಫ.ಗುಹಳಕಟ್ಟಿ ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜ್ ಸಹಯೋಗ ದೊಂದಿಗೆ ಕೋ-ಅಲ್ಟಾ ಸಲ್ಯೂಶನ್-20 ವಿವಿಧೋದ್ದೇಶ ಪೋರ್ಟಿಬಲ್ ಯಂತ್ರ ವನ್ನು ಆವಿಷ್ಕಾರಿಸಿದ್ದಾರೆ. ಕೋವಿಡ್-19 ಹಿನ್ನಲೆಯಲ್ಲಿ ಆಸ್ಪತ್ರೆ, ವೈದ್ಯರಿಗೆ ಇದು ಉಪಯೋಗವಾಗಲಿದೆ.

ಡಾ.ಸುರೇಖಾ ಕಲ್ಯಾಣಪ್ಪಗೋಳ, ಡಾ.ಗಿರೀಶ ಭದ್ರಗೊಂಡ, ಡಾ.ಜಯಲಕ್ಷ್ಮಿ ಗೋನಾಳ, ಡಾ.ಸಿತಾ ಮಂಗಲಗಿ



್ಯಯಂತ್ರ ಅವರನ್ನೊಳಗೊಂಡ ತಂಡವು ರೋಗ ಜಿವಿಡ್-19 ತಡೆಗಟ್ಟುವಿಕೆ ಹಾಗೂ ಮುಂಜಾಗ್ರತಾ ಕೇಂದ್ರ ನಿಗೆ ಇದು ದಿಂದ ಪ್ರಕಟಿಸಿರುವ ಹಲವು ಲೇಖನಗಳಲ್ಲಿ ಅಲ್ಟಾ ವೈಲೆಟ್ ಕಿರಣಗಳಿಂದ ಕೊರೊನಾ ಇಪ್ಪಗೋಳ, ವೈರಸ್ ನಾಶ ಇಲ್ಲವೆ ನಿಷ್ಕ್ರಿಯ ಗೊಳ್ಳುತ್ತವೆ. ಜಯಲಕ್ಷ್ಮಿ ಸ್ಥೆರೂ ಸ್ಕೋಪ್, ಬಿಪಿ ಯಂತ್ರ, ಆಸ್ಪತ್ರೆ ಮಂಗಲಗಿ ದಾಖಲೆ, ಪೆನ್ನು ಕೀಚೈನ್, ಪರ್ಸ್, ಚಪ್ಪಲಿ, ಮೊಬೈಲ್, ಲ್ಯಾಪ್ಟ್ ಸೇರಿ ದಂತೆ ಮರುಬಳಕೆ ವಸ್ತ್ರಗಳು ಮತ್ತು ಕವಚಗಳನ್ನು ಶುಚಿತ್ವಗೊಳಿಸ ಬಹುದು. ಮನೆಗಳಲ್ಲಿಯೂ ಹಾಲು, ತರಕಾರಿ, ದಿನಸಿ ಹಾಗೂ ಇತರೆ ಸಾಮಗ್ರಿಗಳನ್ನೂ ಶುಚಿತ್ವಗೊಳಿಸಬಹುದು. ಯಾರಾದರೂ ಈ ಯಂತ್ರದ ಮುಂದೆ ನಿಂತರೆ ಅದು ಸ್ವಯಂ ಚಾಲಿತವಾಗಿ ತೆರೆದು, ಮುಚ್ಚುವುದು ವಿಶೇಷ. ಇದರಲ್ಲಿಡುವ ವಸ್ತುಗಳು 3-5 ನಿಮಿಷಗಳಲ್ಲಿ ಸಂಪೂರ್ಣ ಶುಚಿತ್ವಗೊಳಿಸಬಹುದು. 1 ಯಂತ್ರ ವೆಚ್ಚ 4-6 ಸಾವಿರ ರೂ. ಎಂದು ಡಾ.ಸುರೇಖಾ ಕಲ್ಕಾಣಪ್ರಗೋಳ ತಿಳಿಸಿದ್ದಾರೆ.

Figure 2- News Paper photo

## ಬ್ಯಾಕ್ಟೀಲಿಯಾ ತಡೆಗೆ ವಿಶೇಷ ಮಶಿನ್

ವಿಜಯಹುರ: ಐಎಲ್ಡೌಇ ಬಿ.ಎಂ. ಪಾರ್ಟಿಲ್ ವೈದ್ಯಕೀಯ ಕಾಲೇಜು ಮತ್ತು ಆಸ್ಪತ್ರೆ ವತಿಯಿಂದ ವಚನ ಪಿತಾಮಹ ಡಾ. ಫ.ಗು. ಹಳಕಟ್ಟ ಇಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜು ಸಹಯೋಗದೊಂದಿಗೆ ಕೋ-ಅಲ್ವಾ ಸೊಲ್ಯೂಶನ್-20 ವಿವಿಧೋದ್ಯೇಶದ ಪೊರ್ಟೆಬಲ್ ಮಹಿನ್ನನ್ನು ಆವಿಷ್ಕಾರಿಸಿದ್ದಾರೆ. ಕೋವಿಡ್-19 ಕೊರೊನಾ ಕಾಯಲೆ ಹಿನ್ನಲೆಯಲ್ಲಿ ಆಸ್ಪತ್ರೆ, ವೈದ್ಯರು ಸೇರಿದಂತೆ ಮನೆ-ಮನೆಗೂ ಸಹ ಈ ಯಂತ್ರ ಉಪಯೋಗಕ್ಕೆ ಬರಲಿದೆ. ಡಾ.ಸುರೇಖಾ ಕಲ್ಯಾಣಪ್ಪ

ಡಾ.ಸುರೀಖಾ ಕಲ್ಯಾಣಪ್ಪ ಗೋಳ, ಡಾ. ಗಿರೀಶ ಭದ್ರಗೊಂಡ, ಡಾ.ಜಯಲಕ್ಷ್ಮ್ನಿ ಗೋನಾಳ, ಡಾ.ಸ್ಕಿತಾ ಮಂಗಲಗಿ ಒಳಗೊಂಡ ತಂಡವು ರೋಗ ತಡೆಗಟ್ಟುವಿಕೆ ಹಾಗೂ ಮುಂಜಾಗ್ರತಾ ಕೇಂದ್ರದಿಂದ ಪ್ರಕಟಿಸಿರುವ ಹಲವಾರು ಲೇಖನಗಳಲ್ಲಿ ಅಲ್ಟ್ರಾವೆಲೈಟ್ ಕಿರಣಗಳು ಪ್ರಾಕ್ಷೇರಿಯಾ ಹಾಗೂ ವೈರಸ್ಗಳನ್ನು ತಡೆಯುವಲ್ಲಿ ಪ್ರಮುಖಪಾತ್ರವಹಿಸುತ್ತವೆ. ಅಲ್ಲದೇ ಕೊರೊನಾದಂತಹ ವೈರಸ್ಗಳು ಈ ಅಲ್ಪಾವೈಲೆಟ್ ಕಿರಣಗಳ



ಮೂಲಕ ನಾಶವಾಗುತ್ತವೆ. ಇಲ್ಲವೇ ನಿಷ್ಕ್ರೀಯಗೊಳ್ಳುತ್ತವೆ ಎಂದು ತಿಳಿಸಲಾಗಿದೆ.

ಆ ಹಿನ್ನೆಲೆ ಇಟ್ಟುಕೊಂಡು ಅಲ್ಟಾ ವೈಲೆಟ್ ಕಿರಣಗಳನ್ನು ಬಳಸಿ, ಆಸ್ತತೆಗಳಲ್ಲಿ ಕೊರೊನಾ ರೋಗಿಗಳಿಗೆ ಚಿಕಿತ್ಸೆ ನೀಡಿದ ವೈದ್ಯರು ಹಾಗೂ ಇತರೆ ಸಿಬ್ಬಂದಿ ತಮ್ಮ ಸ್ಪೆಹೋಸ್ಕೋಪ್, ಬಿಪಿ ಯಂತ್ರ. ಆಸ್ಪತ್ರೆ ದಾಖಲೆಗಳು, ಪೆನ್ನು, ಕೀ ಚೈನ್, ಪರ್ಸ್, ಚಪ್ಪಲಿಗಳು, ಲ್ಯಾಪ್ಟಾಪ್ಗಳು ಸೇರಿದಂತೆ ಮರುಬಳಕೆ ವಸ್ತ್ರಗಳು ಮತ್ತು ಕವಚಿಗಳನ್ನು ಈ ಯಂತ್ರದ ಸಹಾಯದಿಂದ ಸಂಪೂರ್ಣ ಶುಚಿತ್ತಗೊಳಸಬಹುದಾಗಿದೆ.

ಹಾಲು, ತರಕಾರಿ, ದಿನಸಿ ಹಾಗೂ ಇತರೆ ಸಾಮಗ್ರಿಗಳನ್ನು ಸಹ ಈ ಯಂತ್ರದ ಮೂಲಕ ಶುಚಿತ್ವಗೊಳಿಸಬಹುದಾಗಿದೆ. ಯಾರಾದರು ವ್ಯಕ್ತಿಗಳು ಈ ಯಂತ್ರದ ಮುಂದೆ ನಿಂತರೆ ಅದು ಸ್ವಯಂ ಚಾಲಿತವಾಗಿ ತೆರೆದು, ಸ್ವಯಂ ಚಾಲಿತವಾಗಿ ಮಚ್ಚುವುದು ವಿಶೇಷವಾಗಿದೆ. ಇದರಲ್ಲಿ ಇಡುವ ವಸ್ತುಗಳು 3–5ನಿಮಷಗಳಲ್ಲಿ ಸಂಪೂರ್ಣ ಶುಚಿತ್ರಗೊಳುವವು.

ಬಿಎಲ್ಡಡ್ಡ ವೈದ್ಯರ ತಂಡದ ಈ ಸಾಧನೆಗೆ ಮಾಜಿ ಸಚಿವ, ಸಂಸ್ಥೆಯ ಅಧ್ಯಕ್ಷ ಎಂ.ಬಿ. ಪಾಟೀಲ್ ಶ್ಲಾಘನೆ ವೃಕ್ತಪಡಿಸಿದ್ದು, ಕೋವಿಡ್-19 ಕೊರೊನಾ ಕಾಯಿಲೆಯಂತಹ ಕಷ್ಟಕರ ಸಂದರ್ಭದಲ್ಲಿ ಇಂತಹ ಆವಿಷ್ಕಾರಗಳು ಹಲವರಿಗೆ ವಿಶೇಷವಾಗಿ ವೈದ್ಯರಿಗೆ ನೆರವಾಗುವವು ಎಂದರು.

ಉಪಕುಲಪತಿಡಾ.ಎಂ.ಎಸ್. ಬಿರಾದಾರ, ಪ್ರಾಚಾರ್ಯ ಡಾ. ಅರವಿಂದ ಪಾಟೀಲ್, ವೈದ್ಯಕೀಯ ಅಧೀಕ್ಷಕ ಡಾ. ವಿಜಯಕುಮಾರ ಕ'ಲಾೄಣ ಪ್ಪುಗ'ೂ ಇ', ಇಂಜನಿಯರಿಂಗ್ ಕಾಲೇಜು ಪ್ರಾಚಾರ್ಯ ಡಾ.ಅತುಲ್ ಆಯಿರೆ, ಉಪಪ್ರಾಚಾರ್ಯ ಡಾ. ಪ್ರದೀಪ ಮಳಜಿ ಮಾರ್ಗದರ್ಶದಲ್ಲಿ ಈ ಯಂತ್ರವನ್ನು ಆವಿಷ್ಕರಿಸಲಾಗಿದ್ದು, ಆಸ್ಪತ್ರೆಗಳ ಮುಖ್ಯದ್ವಾರದಲ್ಲಿ ಈ ಯಂತ್ರವನ್ನಿಟ್ಟು ಒಳ ಮತ್ತು ಹೊರ ಹೋಗುವವರು ತಮ್ಮಲ್ಲಿರುವ ಸಾಧನಗಳನ್ನು ಈ ಯಂತ್ರದ ಸಾಧನಗಳನ್ನು ಈ ಮೂಲಕ ಶುಚಿತ್ವಗೊಳಿಸಿ ಹೋಗಬಹುದಾಗಿದೆ. ಯಂತ್ರ ತಯಾರಿಕೆ ವೇ 4–6ರೂ. ಖರ್ಚು ಆಗಲಿದು ಕಚ್ಚಾ ಸಾಮಗ್ರಿಗಳು ದೊರೆತರೆ ಹೆಚ್ಚು ಹೆಚ್ಚು ಉತ್ಪಾದಿಸಿ ನೀಡಬಹುದಾಗಿದೆ ಎಂದು ಡಾ. ಸುರೇಖಾ ಕಲ್ಯಾಣಪ್ಪಗೋಳ ತಿಳಿಸಿದ್ದಾರೆ.

ಸಂಯುಕ್ತ‱ಕರ್ನಾಟಕ Tue, 14 April 2020 epaper.samyukthakarnataka.com/c/50941404



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ವಿಷ್-19

ಕಷ್ಟಕರ

ವೈದ್ಯರಿಗೆ

ಮಾರ್ಗದರ್ಶನದಲಿ

ಮುಖ್ಯದ್ವಾರದಲ್ಲಿ

ಸಾಮಗ್ರಿಗಳು

ಉತ್ಪಾದಿಸಿ

ಕಲ್ಯಾಣಪ್ರಗೋಳ

ಎಂದು

SHRI B. M. PATIL MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, VIJAYAPURA Figure 3- News Paper photo

#### ಮನೆ, ಆಸತ್ರೆಗೆ ಉಪಯೋಗಕ್ಕೆ ಬರಲಿದೆ ಈ ಯಂತ ಬಿಎಲ್ಡಿಇ; ಪೊರ್ಟೆಬಲ್ ಮಷಿನ್ ಆವಿಷ ಶಾಸಕ ಎಂ.ಬಿ.ಪಾಟೀಲ ವಿಜಯಪುರ: ನಗರದ 10 000 ವ್ಯಕ್ತಪಡಿಸಿದ್ದು, ಕಾಯೇಲೆ ಡಿ.ಇ ಬಿ.ಎಂ.ಪಾಟೀಲ ವೈದ್ಯಕೀಯ ಕಾಲೇಜು ಮತ್ತು ಆಸ್ಪತ್ರೆ ಹಾಗೂ ಸಂದರ್ಭದಲ್ಲಿ ಇಂತಹ ಅವಿಷ್ಕಾರಗಳು 0 0 : | | | | | | | | | | ಡಾ.ಫ.ಗು.ಹಳಕಟ್ಟಿ ಎಂಜನಿಯರಿಂಗ್ ಹಲವರಿಗೆ ವಿಶೇಷವಾಗಿ ಕಾಲೇಜು ವತಿಯಿಂದ ಕೋ-ಅಲ್ಲಾ ನೆರವಾಗಲಿವೆ ಎಂದು ತಿಳಿಸಿ ಸಲೂಶನ್-20 ವಿವಿದೋದೇಶದ ಉಪಕುಲಪತಿ CO-ULTRA\_SOLUTION: ಸ್ಪೋರ್ಟಿಯಾಗ ಎಸ್ ಬಿರಾದಾರ ಮಹಿನ ಆವಿಷ್ಟಾರಿಸಿದ್ದಾರೆ. ಕೋವಿಡ್-ಡಾ.ಅರವಿಂದ ಪಾಟೀಲ, ವೈದ್ಯಕೀಯ 19 ಹಿನ್ನೆಲೆಯಲ್ಲಿ ಆಸ್ಪತ್ರೆ, ವೈದ್ಯರು Engne ಡಾವಿಜಯಕುಮಾರ ಸೇರಿದಂತೆ ಮನೆ-ಮನೆಗೂ ಸಹ ಈ ಯಂತ್ರ ಉಪಯೋಗಕ್ಕೆ ಬರಲಿದೆ. ಕಾಲೇಜು ಪ್ರಾಚಾರ್ಯ ಡಾ.ಅತುಲ್ ಡಾ.ಸುರೇಖಾ ಕಲ್ಪಾಣಪಗೋಳ, ವಿಜಯಪುರದ ಬಿ.ಎಲ್.ಡಿ.ಇ ಬಿ.ಎಂ.ಪಾಟೀಲ ವೈದ್ಯಕೀಯ ಕಾಲೇಜು ಮತ್ತು ಆಯಿರೆ, ಉಪಪ್ರಾಚಾರ್ಯ ಡಾ.ಪ್ರದೀಪ ಆಸ್ಪತ್ರೆ ಹಾಗೂ ವಚನ ಪಿತಾಮಹ ಡಾ.ಫ.ಗು.ಹಳಕಟ್ಟಿ ಎಂಜನಿಯರಿಂಗ್ ಡಾಗಿರೀಶ ಭದಗೊಂಡ. ಮಳಜಿ ಕಾಲೇಜು ವತಿಯಿಂದ ಅವಿಷ್ಟರಿಸಲಾದ ಕೋಅಲ್ಲಾ ಸಲ್ಯೂಶನ್20 ಡಾ.ಜಯಲಕ್ಷ್ಮೀ ಗೋನಾಳ. ಯಂತ್ರವನ್ನು ಆವಿಷ್ಕರಿಸಲಾಗಿದೆ. ಡಾಸ್ತಿತಾ ಮಂಗಲಗಿ ಒಳಗೊಂಡ ವಿವಿಧೋರ್ಧಶದ ಪೊರ್ಟೆಬಲ್ ಮತ್ತಿನ್ ಆಸ್ಪತ್ರೆಗಳ ರೋಗ ತಡೆಗಟ್ಟುವಿಕೆ ತಂಡವು ಹಾಗೂ ಮುಂಜಾಗ್ರತಾ ಕೇಂದ್ರದಿಂದ ಅಲ್ಪಾ ವೈಲೆಟ್ ಕಿರಣಗಳನ್ನು ಬಳಸಿ, ಹಾಲು, ತರಕಾರಿ, ದಿನಸಿ ಹಾಗೂ ಪ್ರಕಟಿಸಿರುವ ಹಲವಾರು ಲೇಖನಗಳಲ್ಲಿ ಆಸ್ಪತ್ರೆಗಳಲ್ಲಿ ಕೊರೊನಾ ರೋಗಿಗಳಿಗೆ ಇತರೆ ಸಾಮಾಗ್ರಿಗಳನ್ನು ಶುಚಿತ್ರಗೊಳಿಸ ಸಾಧನಗಳನ್ನು ಈ ಯಂತ್ರದ ಮೂಲಕ ಶುಚಿತ್ರಗೊಳಿಸಿ ಹೋಗಬಹುದಾಗಿದೆ. ಅಲ್ಪಾ ವೆಲೈಟ್ ಕಿರಣಗಳು ಬ್ಯಾಕ್ಟಿರಿಯಾ ಬಹುದಾಗಿದೆ. ಅಲ್ಲದೆ ಯಾರಾದರು ಚಿಕಿತ್ಸೆ ನೀಡಿದ ವೈದ್ಯರು ಹಾಗೂ ಇತರೆ ಹಾಗೂ ವೈರಸ್ಗಳನ್ನು ತಡೆಯುವಲ್ಲಿ ಸಿಬ್ಬಂದಿ ತಮ್ಮ ಸ್ತೇಥೊಸ್ಕೋಪ್, ಈ ಯಂತ್ರದ ಮುಂದೆ ನಿಂತರೆ ಒಂದು ಯಂತ್ರ ತಯಾರಿಕೆ ವೆಚ್ಚ ಬಿ.ಪಿ.ಯಂತ್ರ ಆಸ್ಪತ್ರೆ ದಾಖಲೆಗಳು, ಪ್ರಮುಖ ಪಾತ್ರ ವಹಿಸುತ್ತವೆ. ಅಲ್ಲದೇ ಅದು ಸ್ವಯಂ ಚಾಲಿತವಾಗಿ ತೆರೆದು, ನಾಲ್ಕೈದು ಸಾವಿರ ರೂಪಾಯಿ ಖರ್ಚು

ಪೆನ್ನು, ಕೀ ಚೈನ್, ಪರ್ಸ್, ಚಪ್ಪಲಿಗಳು,

ಟಾಪ್ ಗಳು ಸೇರಿದಂತೆ ಮರುಬಳಕೆ

ವಸ್ತ್ರಗಳು ಮತ್ತು ಕವಚಗಳನ್ನು ಹಾಗೂ

ಮನೆಗೆ ಹೊರಗಡೆಯಿಂದ ತರಿಸುವ

ಪೋನ್ಗಳು, ಲ್ಯಾಪ್

ಅಲ್ಲಾ ವೆಲೈಟ್

ತಿಳಿಸಲಾಗಿದೆ. ಆ ಹಿನ್ನಲೆ ಇಟ್ಟುಕೊಂಡು

ಮೂಲಕ ನಾಶವಾಗುತ್ತವೆ

ನಿಷ್ಟ್ರೀಯಗೊಳ್ಳುತ್ತವೆ

ಕಿರಣಗಳ

ಇಲ್ಲವೇ

ಎಂದು

Figure 4- News Paper photo

ಸ್ಥಯಂ ಚಾಲಿತವಾಗಿ ಮುಚ್ಚುವುದು

ವಿಶೇಷವಾಗಿದೆ. ಇದರಲ್ಲಿ ಇಡುವ

ವಸ್ತುಗಳು 3 ರಿಂದ 5 ನಿಮಿಷಗಳಲ್ಲಿ

ಬಿ.ಎಲ್.ಡಿ.ಇ ವೈದ್ಯರ ತಂಡದ

ಸಂಪೂರ್ಣ ಶುಚಿತ್ವಗೊಳ್ಳಲಿವೆ.

ಆಗಲಿದು.

ದೊರತರ ಹೆಚ್ಚು-ಹ

ನೀಡಬಹುದಾಗಿದೆ

ಡ್ಯಾಸುರೇಖಾ

ತಿಳಿಸಿದ್ದಾರೆ.



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5. IDEA NAME: Easy Peezy

**Team Name: RAPTORS-1** 

Team Leader Name: Mr. S Rahul, Baishali Chakraborthy, Druv Kullolli, Manvi

Choudhary, saloni Verma, Yukti Gujarathi

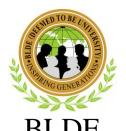
The idea is to collaborate all the toilets in restaurants between two places and give rating to them via an app. User friendly interface which provides location of the restroom on smart phone screen.

Pay a small token and use the restroom just like public restroom but a better and clean one. The user can give rating to the toilet which will make the next user easier to choose a toilet of their comfort based on the ratings.

"HASSEL FREE EXPERIENCE—FIND A CLEAN TOILET ANYWHERE"

"This Innovation is short listed in national level

**Smart India Hackathon 2020."** 



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#### FINAL LIST ANNOUNCED BY SMART INDIA HACKATHON 2020:



Figure 1- Smart India Hackathon 2020 Final List (Selected in this contest)



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SHRI B. M. PATIL MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, VIJAYAPURA Student And Mentor Certificates Of The Smart India Hackathon 2020:







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KPIT Communication Partner



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#### 4. Critical care wireless portable teaching device

Innovators: Dr. Deepak Chavan, Dr. Anil Reddy

About: With 2 way audio video real-time interactions used for assessment, counseling, teaching and ICU care monitoring

Virtual table, which contains learning resources of anatomy, dissection, physiology, pathology and histology. Critical care wireless portable teaching device with 2 way audio video real-time interactions used for assessment, counseling, teaching and ICU care monitoring





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#### 5. Virtual dissection table

Innovators: Dr. Deepak Chavan, Dr. Anil Reddy

About: This contains learning resources of anatomy, dissection, physiology, pathology and histology.

Critical care wireless portable teaching device with 2 ways audio video real-time interactions used for assessment, counseling, teaching and ICU care monitoring.





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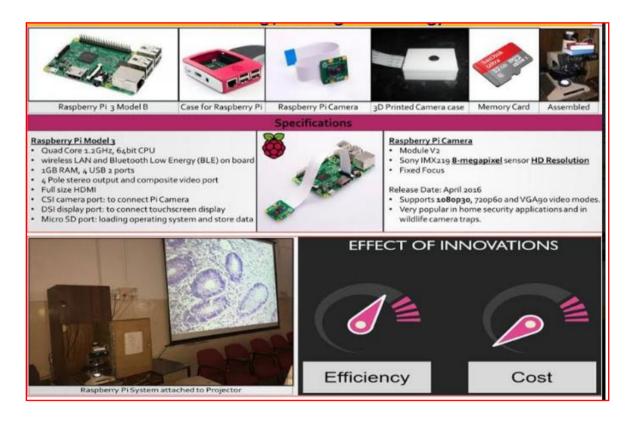
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8. Utilization of open source technology to create cost-effective microscope camera systems for teaching (Raspberry Pi – Camera system):

Raspberry Pi – Camera system -3D printed Low cost Camera Systems for Teaching /learning in Pathology

**Innovators:** Dr. Anil Reddy Konduru, Dr. Balasaheb R Yelikar, Dr. KV Sathyashree, Dr. Ankur Kumar

**Objective:** To augment the teaching practices in Pathology by using cost effective open source technologies.





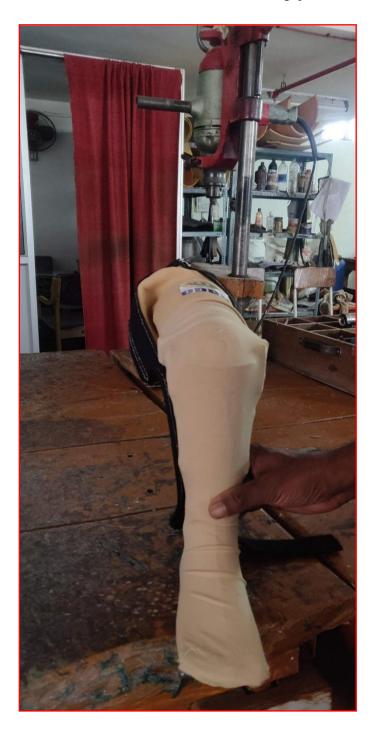
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## SHRI B. M. PATIL MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, VIJAYAPURA 9. Foldable Artificial limb

Innovators: Mr. Kanhu Charan Mohant, Dr. Ishwar Bagoji and Gireesh Khodnapur

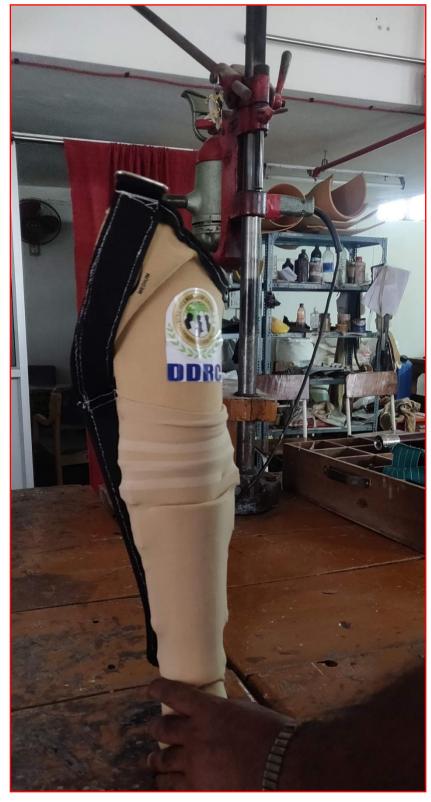




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10. DIY grossing board instruments for better sections

Innovators: Dr. Prashant Kumar





Figure: Showing grossing board instruments



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Participation certificate at IIC, MHRD's Innovation cell



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#### 11. Embalming Machine





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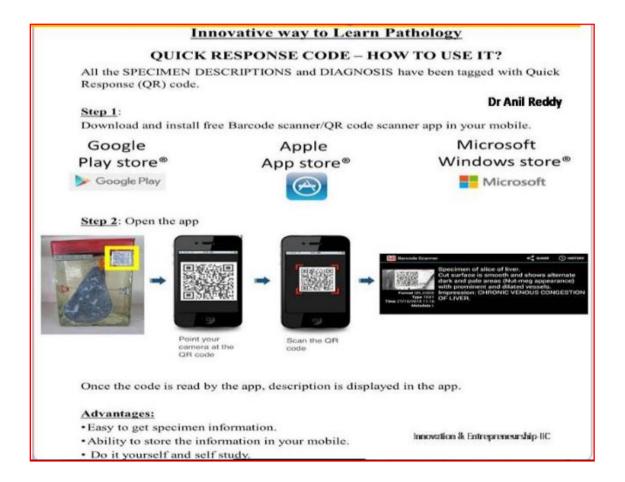
#### 12. QR-enabled Museum-In Your Pocket

Innovative Teaching methods

**Innovators:** Dr. Kapse Sachin Shivaji, Dr. Anil Reddy Konduru, Dr. Yelikar Balasaheb, Dr. R. Potekar Ratnakar M.

**Objectives:** To integrate and utilize technology to improve understanding of Pathology.

The Specimens were QR enabled using a free software and student has to download a free QR Code reader application in his/her mobile available across all the renowned mobile operating systems





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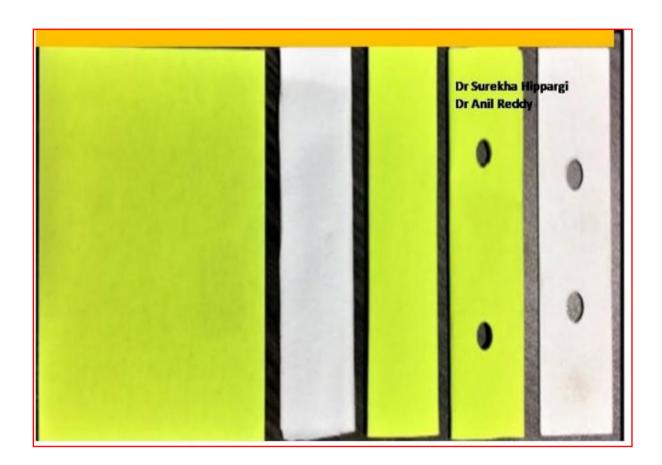
## SHRI B. M. PATIL MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, VIJAYAPURA

#### 13. DIY Cytofilt cards- Cost Reduction

Innovators: Dr Surekha Hippargi, Dr Anil Reddy

Cyto-filt cards prepared from local material for using in cytology material processing.

Original cost of one card is Rs 50 and DIY card-Rs 1/card





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#### 14. DIY - Slide DigitisationPublished in PubMed Indexed Journal

Innovators: Dr. Anil Reddy, Dr. Himanshu Mulay

Objective: To digitalization of microscopy pathology

The DIY slide digitizer system was installed, and the requisite software was activated on 22-05-2019. After an initial trial run, the system is in regular use and digital slides creation process has started from the slide collection of the department which is an ongoing process. The demonstration of the system and the workflow was explained to Honorable Principal on 28<sup>th</sup> May.

# Mobile whole slide imaging with Indian twist

#### Editor

Microscopic observation of the tissues has come a long way from the time of Anton van Leeuwenhoek to today's sophisticated techniques. The humble glass slide has withstood the test of time and is relevant and used even today. These slides are being digitized world over with various companies offering a wide range of whole slide imaging (WSI) digitizers.

Even though the advantages are many, these WSI scanners are not being widely used due to their prohibitive cost of acquisition ranging from about \$73,000 to \$12,5000 for single slide to twenty slide loader, respectively. In addition, digital storage and maintenance costs increase the cost further.

Mobile WSI (mWSI), with the increasing processing capacity, pixels in the camera and slimmer designs mobile altogether has become a very powerful digital tool

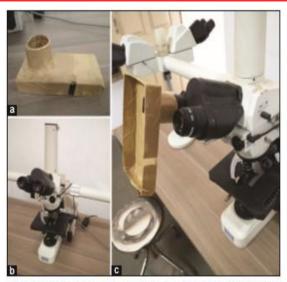


Figure 1: (a) Mobile phone mount made of the cardboard. (b) Nikon microscope. (c) Mount attached to the eye-piece of microscope

The images acquisition process took about 15-30 min in the  $\times 400$  magnification and 10-15 min in cases of  $\times 100$  and  $\times 200$  magnification, respectively. We also used the same process to acquire the image in  $\times 1000$  oil immersion objective.



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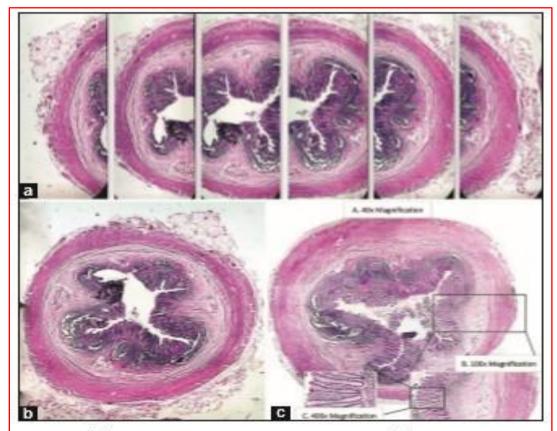


Figure 2: (a) Individual panorama strips captured. (b) Final image after stitching individual panorama strips. (c) Various magnifications of the stitched image



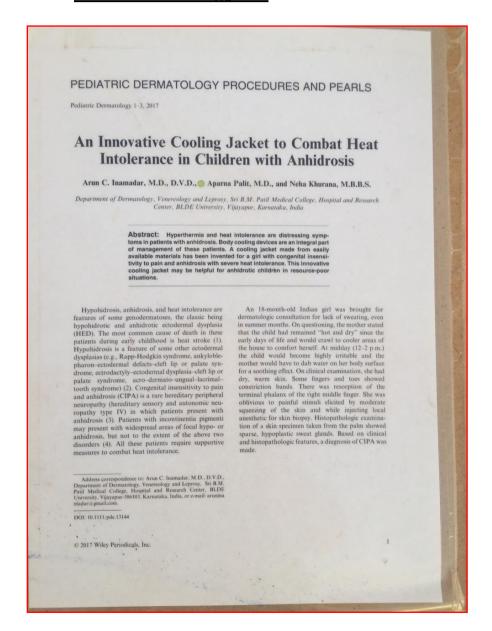
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#### 15. An innovative cooling jacket

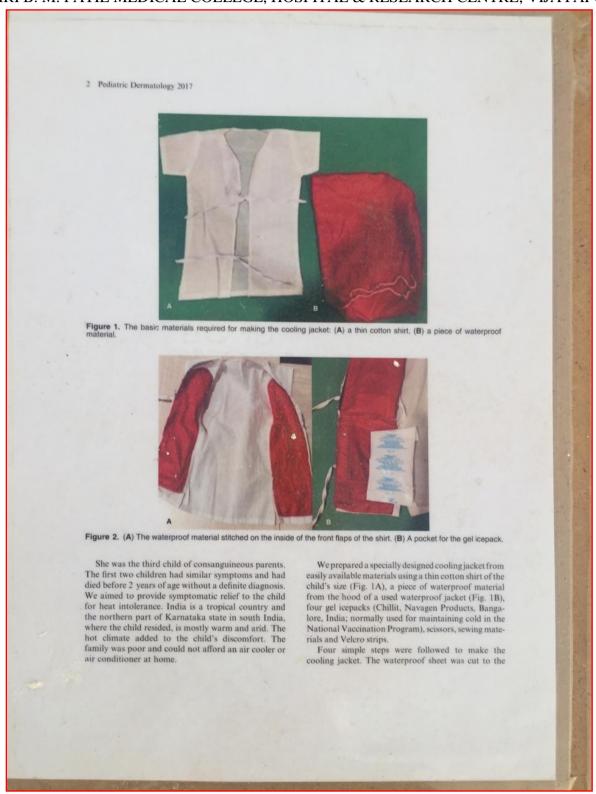




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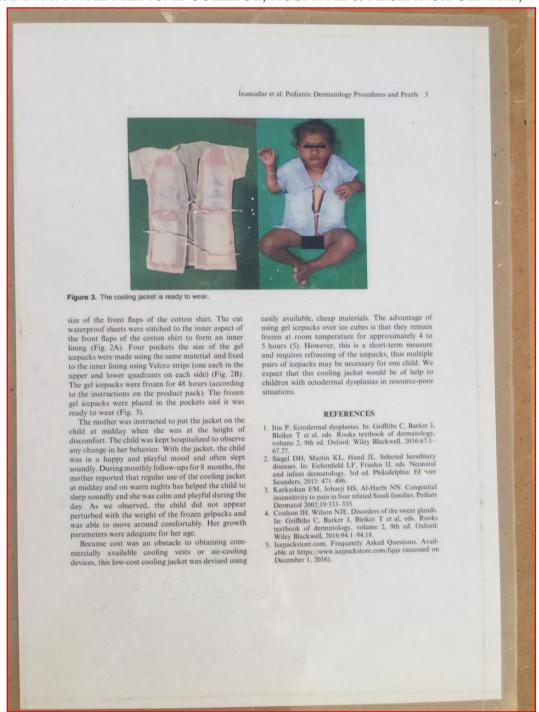




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#### INSTITUTION HAS BEEN SELECTED UNDER NAIN SCHEME

# NAIN scheme conducted on 4<sup>th</sup> March 2020

The NAIN (New Age Incubation) scheme under implementation in engineering colleges will be expanded to all professional and post-graduate institutions in two-tier cities in a phased manner. At academic institutions shall be covered under this program during the Policy Period. The selected academic institutions would be assisted to establish an incubator in the given discipline and encourage student projects. All such incubators would be networked and connected to a common portal to facilitate exchange of thoughts, ideas and collaboration across institutions and disciplines. All selected institutions would be graded on the basis of Key performance indicators. Financial assessment will be provided for three years to the selected institutions for setting up the incubator and other activities. Institutions that excel would be further supported for another two years.

Each NAIN institution will be assisted as follows:

- 1. Grants for supporting operational expenses in their incubator e.g. Salaries of Regional Coordinators, mentoring programs, networking meetings, conducting Hackathon etc.
- 2. Annual Financial support for projects for upto Rs. 3 lakhs per project
- 3. Training and Capacity Building for Faculty and students
- 4. Exposure to Support and Network Programs conducted by the departments concerned
- 5. Opportunity to visit international startup destinations.



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# MAIL INFORMATION AND CONFIRMATION FROM KITS GOVRNMENT REGARDING NAIN ESTABLISHMENT:

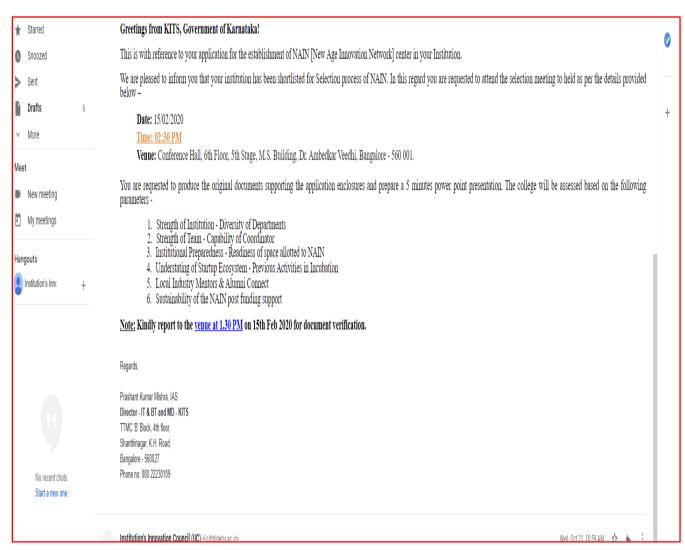


Figure 1



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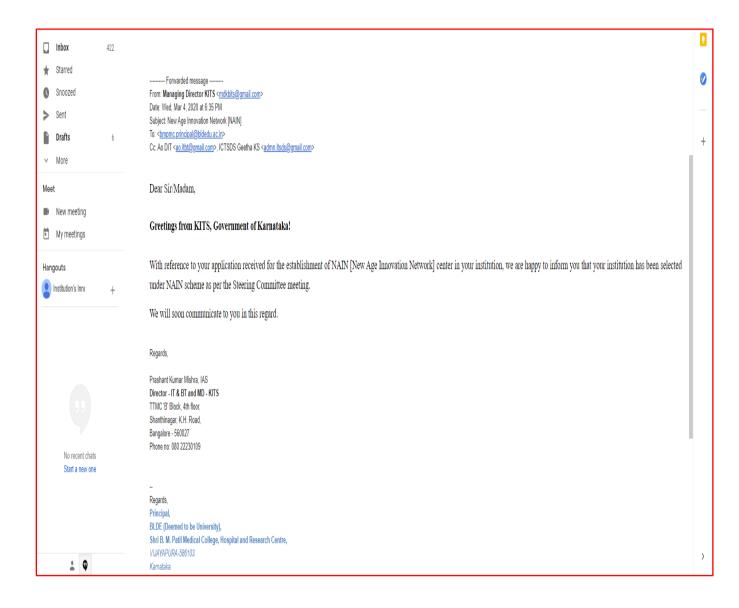


Figure 2



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#### **NEWS PAPER PHOTOS:**

# ಬಿಎಲ್ಡಿಇ ಆಸ್ಪತ್ರೆಯಲ್ಲಿ ಎನ್ಎಐಎನ್ ಕೇಂದ್ರ

ವಿಜಯಪುರ: ಬಿಎಲ್ಡಿಇ ಸಂಸ್ಥೆ ಬಿ.ಎಂ. ಪಾಟೀಲ ವೈದ್ಯಕೀಯ ಕಾಲೇಜ್ ಆಸತ್ರೆಯಲ್ಲಿ ಐಟಿ ಮತ್ತು ಬಿಟಿ



ಮತ್ತು ಎಂಡಿ-ಕರ್ನಾಟಕ ಇನ್ನೊವೇಶನ್ ಅಂಡ್ ಟೆಕ್ಕಾಲಜಿ ಸೊಸೈಟಿ (ಕಿಟ್ಸ್) ವತಿಯಿಂದ ನ್ಯೂ ಎಜ್ ಇನ್ನೂಬೆಷನ್ ನೆಟವಕ್ ೯(ಎನ್ಎಐಎನ್) ಕೇಂದ್ರವನ್ನು ಸ್ವಾಪಿಸಲು ರಾಜ್ಯ ಸರ್ಕಾರವು ಅನಮತಿ

ನೀಡಿದೆ ಎಂದು ಉಪಕುಲಪತಿ ಡಾ. ಎಂ.ಎಸ್. ಬಿರಾದಾರ ತಿಳಿಸಿದ್ದಾರೆ. ಈ ಕುರಿತು ಪ್ರಕಟಣೆ ನೀಡಿದ ಅವರು, ನ್ಯೂ ಎಜ್ ಇನ್ನೂಬೆಷನ್ ನೆಟವರ್ಕ್(ಎನ್ ಎಐಎನ್) ಮುಖ್ಯ ಉದ್ದೇಶಗಳೆಂದರೆ ಆಯ್ಕೆ ಮಾಡಿದ ಸಮಸ್ಯೆ ಗಳನ್ನು ಪರಿಹರಿಸಲು, ಆಲೋಚನೆಗಳನ್ನು ಮೌಲ್ಯ ಆರಸ್ತಿ, ಪರಷ್ಕರಸಲು ಹಾಗೂ ವಿದ್ರಾಂಸರ ಮತ್ತು ವಿದ್ಯಾರ್ಥಿಗಳು ತಮ್ಮ ಅಭಿಪ್ರಾಯಗಳನ್ನು ಹಂಚಿಕೊಳ್ಳಲು ಪ್ರೋತಾಹಿಸುವುದು. ಈ ಕೇಂದ್ರಗಳನ್ನು ಸ್ವಾಪಿಸುವುದರಿಂದ ವಿಚಾರಗಳನ್ನು ಹೊಸ ಯುಗದ ಮಟ್ಟಕ್ಕೆ ತಕ್ಕಂತೆ ಪರಿಸರ ವ್ಯವಸ್ಥೆ ನಿರ್ಮಾಣವಾಗುವುದು ಎಂದು ಎನ್ಎಐಎನ್ ಸಂಸ್ಥೆಯ ಸಂಯೋಜಕಿ ಡಾ. ಸುರೇಖಾ ಹಿಪ್ಪರಗಿ ತಿಳಿಸಿದ್ದಾರೆ. ಪ್ರತಿವರ್ಷ ಕಮಿಲಿಯನ್ ಹೆಚ್ಚು ವಿದ್ಯಾರ್ಥಿಗಳು ವಿವಿಧ ಕಾಲೇಜುಗಳಿಂದ ಭಾಗವಹಿಸುತ್ತಾರೆ. ವಿಶ್ವದ ಕ್ಷೆ ಗಾರಿಕೆಗಳು ಸೇರಿದಂತೆ ಕೆಲವು ಉನತ ಸಂಸ್ಥೆಗಳಿಗೆ ವಿಶ್ವದರ್ಜಿಯ ಪರಿಹಾರಗಳನ್ನು ರಚಿಸಲು ವಿವಿಧ ಕ್ಷೇತ್ರ ಗಳಲ್ಲಿ ಎದುರಾಗುವ ಸವಾಲುಗಳನ್ನು ಎದುರಿಸಲು ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಅವಕಾಶವಿದೆ. ವಿಶ್ವದ ಅತಿದೊಡ್ಡ ಸ್ಕಾರ್ಟ್ ಇಂಡಿಯಾ ಹ್ಯಾಕಥಾನ್ 2020 ಮತ್ತು ಓಪನ್ ಇನ್ನೋವೇಶನ್ ಶಿಬಿರದಲ್ಲಿ ಬಿಎಲ್ಡ್ಇ ವೈದ್ಯಕೀಯ ವಿದ್ಯಾರ್ಥಿ ಎಸ್. ರಾಹುಲ್ ನೇತೃತ್ವದ ತಂಡವು ಸಾಘ್ರವೇರ್ ವಿಭಾಗದಲ್ಲಿ ಸ್ಥಾನ ಪಡೆದಿದ್ದು ಹೆಮ್ಮೆಯ ವಿಷಯವಾಗಿದೆ ವಿವರಿಸಿದ್ದಾರೆ. ಈ ಮಹತ್ವರ ಸಾಧನೆಗಾಗಿ ಕುಲಪತಿ ಡಾ. ಎಂ.ಬಿ. ಪಾಟೀಲ, ಉಪಕುಲಪತಿ ಡಾ. ಎಂ.ಎಸ್. ಬಿರಾದಾರ, ಪ್ರಾಚಾರ್ಯ ಡಾ. ಅರವಿಂದ ಪಾಟೀಲ ಅಭಿನಂದಿಸಿದ್ದಾರೆ.

| ಗುಮ್ಮಟ ನಗರಿ ನ್ಯೂಸ್>>        | ಆಯ್ಕೆ ಮಾಡಿದ ಸಮಸ್ಯೆಗಳನ್ನು                     | ರಚಿಸಲು ವಿವಿಧ ಕ್ಷೇತ್ರಗಳಲ್ಲಿ   |
|-----------------------------|--|------------------------------|
| ಬಿಜಾಮರ ಮಾ,07: ಬಿಎಲ್ಡಿಇ      | ಪರಿಹರಿಸಲು, ಆಲೋಚನೆಗಳನ್ನು                      | 4                            |
| ಸಂಸ್ಥೆ ಬಿ.ಎಂ.ಪಾಟೀಲ್         | ಮೌಲ್ಯೀಕರಿಸಿ, ಪರಿಷ್ಕರಿಸಲು                     | ಎದುರಿಸಲು ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ     |
| ವೈದ್ಯಕೀಯ ಕಾಲೇಜ,             | ಹಾಗೂ ವಿದ್ವಾಂಸರ ಮತ್ತು                         | ಅವಕಾಶವಿದೆ ಎಂದರು.             |
| ಆಸ್ಪತ್ರೆಯಲ್ಲಿ ಐಟಿ ಮತ್ತು     | ವಿದ್ಯಾರ್ಥಿಗಳು ತಮ್ಮ                           | ವಿಶ್ವದ ಅತಿದೊಡ್ಡ              |
| ಬಿಟಿ ಮತ್ತು ಎಂಡಿ-ಕರ್ನಾಟಕ     | ಅಭಿಪ್ರಾಯಗಳನ್ನು ಹಂಚಿಕೊಳ್ಳಲು                   | ಸ್ಮಾರ್ಟ್ ಇಂಡಿಯಾ              |
| ಇನ್ನೋವೇಶನ್ ಆ್ಯಂಡ್ ಟೆಕ್ಸಾಲಜಿ | ಪ್ರೋತ್ಸಾಹಿಸುವುದು. ಈ                          | ಹ್ಯಾಕಥಾನ್ 2020 ಮತ್ತು         |
| ಸೊಸೈಟಿ (ಕಿಟ್ಸ್) ವತಿಯಿಂದ     | ಕೇಂದ್ರಗಳನ್ನು ಸ್ಥಾಪಿಸುವದರಿಂದ                  | <b>โมมี</b> กั จุณีภูเล๋เฮกั |
| กดู อะร์ จกดุน้นกั          | ವಿಚಾರಗಳನ್ನು ಹೊಸ ಯುಗದ                         | ಶಿಬಿರದಲ್ಲಿ ಬಿಎಲ್ಡಇ           |
| ನೆಟವರ್ಕ್(ಎನ್ಎಐಎನ್)          | ಮಟ್ಟಕ್ಕೆ ತಕ್ಕಂತೆ ಪರಿಸರ ವ್ಯವಸ್ಥೆ              | ವೈದ್ಯಕೀಯ ವಿದ್ಯಾರ್ಥಿ ಎಸ್.     |
| ಕೇಂದ್ರವನ್ನು ಸ್ಥಾಪಿಸಲು ರಾಜ್ಯ | ನಿರ್ಮಾಣವಾಗುವದು ಎಂದು                          | ರಾಹುಲ್ ನೇತೃತ್ವದ ತಂಡವು        |
| ಸರ್ಕಾರವು ಅನಮತಿ ನೀಡಿದೆ       | ಎನ್ಎಐಎನ್ ಸಂಸ್ಥೆಯ                             | ಸಾಫ್ಟ್ ವೇರ್ ವಭಾಗದಲ್ಲಿ        |
| ಎಂದು ಉಪಕುಲಪತಿ ಡಾ.ಎಂ.        | ಸಂಯೋಜಕಿ ಡಾ.ಸುರೇಖಾ                            | ಸ್ಥಾನ ಪಡೆದಿದ್ದು ಹೆಮ್ಮೆಯ      |
| ಎಸ್.ಬಿರಾದಾರ ಮಾಹಿತಿ          | ಹಿಪ್ಪರಗಿ ವಿವರಣೆ ನೀಡಿದ್ದಾರೆ.                  | ವಿಷಯವಾಗಿದೆ ಎಂದರು.            |
| ನೀಡಿದ್ದಾರೆ.                 | ಪ್ರತಿವ ಇರ್ಜ                                  | ಈ ಮಹತ್ತರ ಸಾಧನೆಗಾಗಿ           |
| ಈ ಕುರಿತು ಪತ್ರಿಕಾ            | 5ಮಿಲಿಯನ್ ಹೆಚ್ಚು ವಿದ್ಯಾರ್ಥಿಗಳು                | ಕುಲಪತಿ ಡಾ.ಎಂ.ಬಿ.ಪಾಟೀಲ್,      |
| ಪ್ರಕಟಣೆಯ ಮೂಲಕ ಈ             | ವಿವಿಧ ಕಾಲೇಜುಗಳಿಂದ                            | ಉಪಕುಲಪತಿ ಡಾ.ಎಂ.              |
| Ÿ                           | ಭಾಗವಹಿಸುತ್ತಾರೆ. ವಿಶ್ವದ                       | ಎಸ್.ಬಿರಾದಾರ, ಪ್ರಾಚಾರ್ಯ       |
| ವಿಷಯ ತಿಳಿಸಿರುವ ಅವರು,        | ್ವ<br>ಕೈಗಾರಿಕೆಗಳು ಸೇರಿದಂತೆ ಕೆಲವು             | ಡಾ.ಅರವಿಂದ ಪಾಟೀಲ್ ಹರ್ಷ        |
| ನ್ಯೂ ಎಜ್ ಇನ್ಕೂಬೆಷನ್         | ಉನ್ನತ ಸಂಸ್ಥೆಗಳಿಗೆ ವಿಶ್ವ                      | ವ್ಯಕ್ತಪಡಿಸಿದ್ದಾರೆ ಎಂದು ಅವರು  |
| ನೆಟವರ್ಕ್(ಎನ್ಎಐಎನ್)          | ರಚ್ಛರ ಸಂಸ್ಥೆಗಳಗೆ ಹತ್ವ<br>ದರ್ಜೆಯ ಪರಿಹಾರಗಳನ್ನು | U W                          |
| ಮುಖ್ಯ ಉದೇಶಗಳೆಂದರೆ           | mar an anaious of                            | ತಿಳಿಸಿದ್ದಾರೆ.                |

Figure 3

ಮುಖ,



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# Vijayapura: Teams of degree students have excelled in Smart India Hackathon (SIH)-2020, considered World's Biggest Hackathon and Open Innovation Model, an initiative of MHRD Innovative Cell. BLDE Association (deemed-to-be) University team, led by S Rahul, medical student, has been shortlisted under the software category. Over five million students participate from various colleges every year. The students will get an opportunity to work on challenges faced in various areas to create world-class solutions for some of the top organisations in the world. Medical college

Figure 4

institute, Dr Surekha Hippargi, and the team for the feat.

principal Dr Aravind Patil has congratulated the vice-presi-

dent of Institution Innovative Cell & NAIN co-ordinator of the



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# ಇನ್ಕೂಬೇಷನ್ ಸ್ಥಾಪನೆಗೆ ಅನುಮತಿ

ವಿಜಯಪುರ: ಬಿಎಲ್ಡ್ ಡಿಇ ಸಂಸ್ಥೆ ಬಿ.ಎಂ.ಪಾಟೀಲ್ ವೈದ್ಯಕೀಯ ಕಾಲೇಜು, ಆಸ್ಪತ್ರೆಯಲ್ಲಿ ಐಟಿ ಮತ್ತು ಬಿಟಿ ಮತ್ತು ಬಿಟಿ ಮತ್ತು ಎಂಡಿ-ಕರ್ನಾಟಕ ಇನ್ನೋವೇಶನ್ ಅಂಡ್ ಟೆಕ್ನಾಲಜಿ ಸೊಸೈಟಿ (ಕಿಟ್ಸ್) ವತಿಯಿಂದ ನ್ಯೂ ಎಜ್ ಇನ್ಕೂಬೆಷನ್ ನೆಟವರ್ಕ್(ಎನ್ಎಐಎನ್) ಕೇಂದ್ರವನ್ನು ಸ್ಥಾಪಿಸಲು ರಾಜ್ಯ ಸರಕಾರ ಅನಮತಿ ನೀಡಿದೆ ಎಂದು ಕುಲಪತಿ ಡಾ.ಎಂ.ಎಸ್.ಬಿರಾದಾರ ತಿಳಿಸಿದ್ದಾರೆ ✓ ★

ನ್ಯೂ ಎಜ್ ಇನ್ಕೂಬೆಷನ್ ನೆಟವರ್ಕ್(ಎನ್ಎಐಎನ್) ಮುಖ್ಯ ಉದ್ದೇಶ ಆಯ್ಕೆ ಮಾಡಿದ ಸಮಸ್ಯೆಗಳನ್ನು ಪರಿಹರಿಸಲು, ಆಲೋಚನೆಗಳನ್ನು ಮೌಲ್ಯೀಕರಿಸಿ, ಪರಿಷ್ಠರಿಸುವುದಾಗಿದೆ ಎಂದು ತಿಳಿಸಿದ್ದಾರೆ.

ಈ ಕೇಂದ್ರಗಳನ್ನು ಸ್ಥಾಪಿಸುವದರಿಂದ ವಿಚಾರಗಳನ್ನು ಹೊಸ ಯುಗದ ಮಟ್ಟಕ್ಕೆ ತಕ್ಕಂತೆ ಪರಿಸರ ವ್ಯವಸ್ಥೆ ನಿರ್ಮಾಣವಾಗಲಿದೆ ಎಂದು ಎನ್ಎಐಎನ್ ಸಂಸ್ಥೆಯ ಸಂಯೋಜಕಿ ಡಾ.ಸುರೇಖಾ ಹಿಪ್ಪರಗಿ ತಿಳಿಸಿದ್ದಾರೆ. ವಿಶ್ವದ ಕೈಗಾರಿಕೆಗಳು ಸೇರಿದಂತೆ ಕೆಲವು ಉನ್ನತ ಸಂಸ್ಥೆಗಳಿಗೆ ವಿಶ್ವದರ್ಜೆಯ ಪರಿಹಾರಗಳನ್ನು ರಚಿಸಲು ವಿವಿಧ ಕ್ಷೇತ್ರಗಳಲ್ಲಿ ಎದುರಾಗುವ ಸವಾಲುಗಳನ್ನು ಎದುರಿ ಸಲು ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಅವಕಾಶವಿದೆ. ವಿಶ್ವದ ಅತಿದೊಡ್ಡ ಸ್ಮಾರ್ಟ್ ಇಂಡಿಯಾ ಹ್ಯಾಕಥಾನ್ 2020 ಮತ್ತು ಓಪನ್ ಇನ್ನೋವೇಶನ್ ಶಿಬಿರದಲ್ಲಿ ಬಿಎಲ್ಡಾಡ್ನ ವೈದ್ಯ ಕೀಯ ವಿದ್ಯಾರ್ಥಿ ಎಸ್. ರಾಹುಲ್ ನೇತೃತ್ವದ ತಂಡ ಸಾಫ್ಟ್ ವೇರ್ ವಿಭಾಗದಲ್ಲಿ ಸ್ಥಾನ ಪಡೆದಿದ್ದು ಹೆಮ್ಮೆಯ ವಿಷಯವಾಗಿದೆ ಎಂದಿದ್ದಾರೆ.



Figure 5



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Figure 6- Dr. Shrilaxmi Bagali has attended the NAIN Paper Presentation



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# **Activities conducted by IIC:**

# 1) Meeting conducted in IIC

# Meeting of IIC was conducted on 9th October 2019

Objectives: Discussed about calendar of events as defined by MHRD IIC.

- Principal Sir requested all the members to take active participation in the IIC and to be innovative in all the activities.
- Principal Sir also said that the circular and agenda of the meeting should be sent to concerned department of students for allowing them to attend meetings
- Principal Sir also said to form email and website of IIC by requesting IT department of BLDE(DU) and updating all information about IIC.
- It was also discussed that 15<sup>th</sup> October shall be celebrated as INNOVATIVE DAY(as per MHRDdeclaration)



Figure 1- Meeting on 9<sup>th</sup> October 2019



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# SHRI B. M. PATIL MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, VIJAYAPURA 2) Motivational speech and story telling

# Motivational speech and storytelling of IIC was conducted on 12<sup>th</sup> October 2019

Objectives: Motivational speech & Story telling from local entrepreneurs by sharing their experience. To motivate faculty & students to think out of box for solutions for any problems including diseases, so patients are benefited to have best health care services at low cost.



Figure 1



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Figure 2



Figure 3



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Figure 4



Figure 5



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Figure 6



Figure 7



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Figure 8



Figure 9



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Figure 10



Figure 11



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Figure 12



Figure 13



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## 03) Boot Camp

# Boot camp was conducting on 5<sup>th</sup> and 6<sup>th</sup> November 2019

01) 5<sup>th</sup> November 2019- BOOT CAMP 1<sup>st</sup> day

Objective: To know the meaning of entrepreneurship How to Pitch an Idea Meaning of return on Investment-. Benefit in terms of learning/Skill/Knowledge obtained: Skills of pitching ideas, Skills of promoting startups were learned.-326+25=351 Students & faculty.

02) 6<sup>th</sup> November 2019- BOOT CAMP 2<sup>nd</sup> day

Objectives: To learn the skills of pitching an Idea & marketing strategy.

Learning the skill of pitching ideas-294 students+20 faculty-Boot camp 6th November 2019

#### **Boot Camp Report:**

Institutions innovation council of BLDE (Deemed University) Shri B M Patil Medical College Hospital & Research Centre Vijayapura organized an event –"BOOT CAMP "for **THE FIRST TIME IN THE HISTORY OF** Shri B. M. Patil Medical Collegefor two days on 5<sup>th</sup> & 6th November 2019 at Auditorium Library building.

Honorable Vice Chancellor BLDE (Deemed to be University) Dr. M S Biradar graced the occasion as a chief guest & interacted with the students & addressed the gathering. Principal & Dean Faculty Medicine & President of IIC Dr. Aravind Patil interacted with students & addressed the gathering.

Mr. Vishnu Nagaraj Founder & Startup Evangelist Carve startup Labs was a MENTOR for the Bootcamp.

Dr. Surekha Hippargi (Vice President IIC) briefed about the boot camp& its objectives.



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SHRI B. M. PATIL MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, VIJAYAPURA All the members of the IIC were present throughout the event; it was a great event on which was celebrated for the first time in the history of Shri B. M. Patil Medical College Vijayapura.



Figure 1- Honorable Vice Chancellor BLDE (Deemed to be University) Dr. M S Biradar inaugurated the Boot Camp. Inaugural speech by Principal & Dean Faculty of Medicine & President of IIC Dr. Aravind Patil



Figure 2- Honorable Vice Chancellor BLDE (Deemed to be University) Dr. M S Biradar Interacting with students



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Figure 3- Mr. Vishnu Nagaraj Founder & Startup Evangelist Carve startup Labs, MENTOR of the Boot camp interacting with students



Figure 4- Mr. Vishnu Nagaraj Founder & Startup Evangelist Carve startup Labs, MENTOR of the Bootcamp addressing the gathering



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Figure 5- Dr. Anil Reddy & Dr. Chandramouli R Interacting with students



Figure 6- Dr. S. S Kalyanshetter Interacting with Students



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Figure 7- Innovative idea presentation by students and interaction with members of IIC



Figure 8- Start Up (Boot Camp) Banner photo



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Figure 9



Figure 10 - Boot Camp attended Faculties and Students



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# CERTIFICATES OF IDEA COMPETITION ORGANIZED BY INSTITUTION'S INNOVATION COUNCIL



Figure 1



Figure 2



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Figure 3



Figure 4



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Figure 5



Figure 6



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Figure 7



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# 04) HEALTHCON

The Healthcon was conducting on these dates: 2<sup>nd</sup> & 3<sup>rd</sup> November 2019-

Website: https://healthcon.tiehubli.org/

#### **Sessions:**

- 1. Future Leadership Be it Healthcare or Public Life.
- 2. Success & Learning's of Healthcare Leadership for 25 years.
- 3. Future Health Care.
- 4. Opportunities and limitations of raising non-conventional capital in Healthcare.
- 5. Measurement and Linking of Cost and Quality in Healthcare Services.
- 6. Q & A
- 7. Design Thinking Sundar, Sasta and Tikav Can all co-exist in Healthcare?
- 8. Doctor and Social Media.
- 9. Q & A
- 10. How digital is shaping the future of healthcare? (Presentation and Panel Discussion).
- 11. Development centre- Siemens Healthcare Pvt Ltd.
- 12. You just can't beat a Doctor!





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Figure 1- Dr. Surekha Hippargi Dr. G.A Hadimani were attending the Healthcon 2.0 at Hubli



Figure 2- The Sessions handled by respected Guests





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Figure 3- Here all Guests of Healthcon present on Healthcon Dias

## **05) INNOVATION DAY**

# Innovation day conducted on 15th October 2019

Objectives: To commemorate Ex-President Late APJ Abdul Kalam Birth day Innovation day/one day program / -423-students attended. For the first time in the history of BLDE Association Innovation day was observed.

Idea competition for UG/PG medical students. Awareness about the entrepreneurship skills Awarded Ideas are encouraged to apply for university grants to have a startup projects- (Best three Ideas were awarded). Totally 22 teams with Ideas participated & 3 Ideas were awarded & suggested to apply for BLDE (DU) grants to develop projects.

#### **Innovation day celebration report:**

#### "BLDE (DU) SALAAMS KALAM"

Institutions innovation council (IIC Defined by MHRD) of BLDE (Deemed University) Shri B M Patil Medical College Hospital & Research Centre Vijayapura organized an event – "INNOVATION DAY-2019" to commemorate the birth anniversary of Missile Man, People's President, a Great scientist, teacher, an inspiration to ALL & one of the greatest sons India ever produced Bharat Ratna Dr. APJ Abdul Kalam on 15th Oct 2019 at Auditorium Library building.

Dr. S. S Kalyanshetter (former president IIC & Member) welcomed the gathering,

Dr. Surekha Hippargi (Vice President IIC) briefed about the objectives of the IIC.

Honorable Vice Chancellor BLDE (Deemed to be University) Dr. M S Biradar Inaugurated the event and addressed the gathering and said innovations occur when there is need, as medical practitioner and student you should think out of box for any problem of patient & try to find a solution which is feasible for the public, and also gave some innovative ideas where hospital is



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SHRI B. M. PATIL MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, VIJAYAPURA in a need like online patient registration, online OPD registration, innovations on equipment's

etc.

Dr. Aravind Patil Principal Dean Faculty of Medicine, President IIC expressed his happiness

and said that all the students & faculty are very passionate about doing thing innovatively and

Promised that institute will support all the ways for any new ideas and we will have Innovation

Centre with all the facility working for 24x7, so young innovators can come and work any time.

He inspired the students to go for entrepreneurship, to work for social challenges and to work

for support of farmers. He also said that Nobel prize winners always do they do not different

things but do the things differently. If you are consistent and focused no doubt our institute will

have the Nobel Prize in a near future.

Dr. Jyoti Kodnapur Briefed about the boot camp and it was launched by the dignitaries on the

dais, and also declared the boot camp dates on 5th and 6th Nov2019. Dr. G A Hadimani

expressed the vote of thanks.

Followed by Inauguration of Innovative day IIC had organized competition for Innovative Idea.

Totally 19 groups participated in the programs.

Judges of the competition were

01) Dr Surekha B Hippargi: Professor Pathology Vice president IIC

02) Dr A. G Akamanchi

Best three groups were selected for the awards & announced that awards will be declared on

Boot camp probable on 6th Nov 2019.

It was a great event on Innovation day & was celebrated for the first time in the history of Shri

B. M Patil Medical College Vijayapura.

We are very much thankful for giving us an opportunity to conduct such wonderful event.



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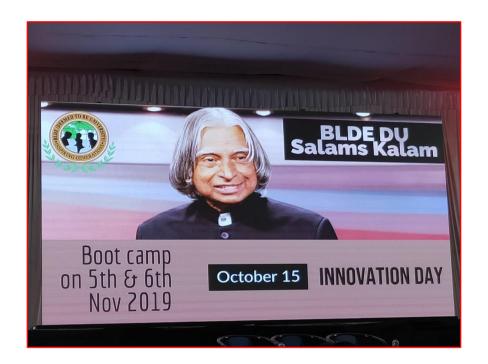


Figure 1





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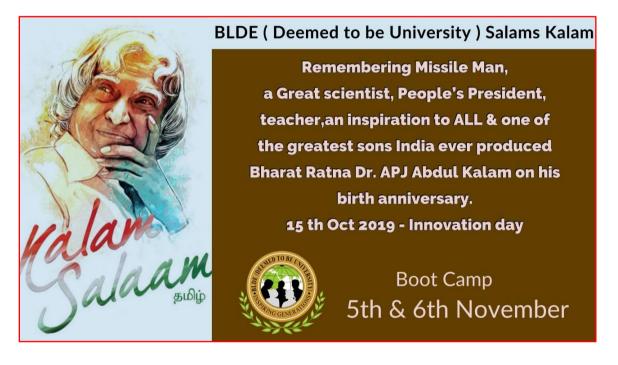


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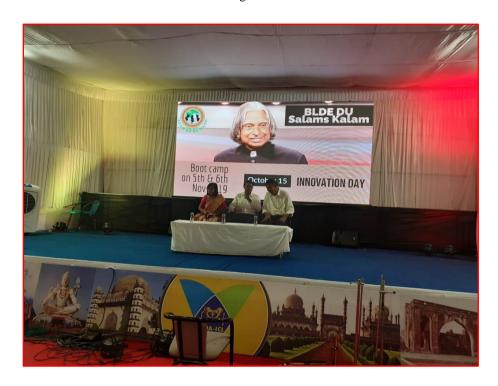


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Figure 9





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Figure 11



Figure 12



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Figure 13



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Figure 15



Figure 16



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Figure 17

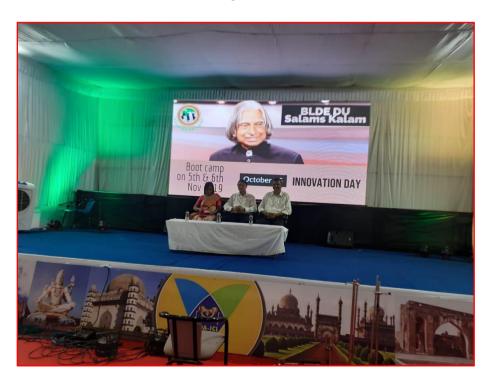


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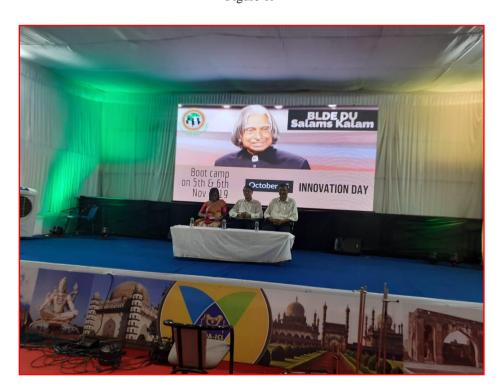


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Figure 22



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Figure 48



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Figure 50



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Figure 52



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Figure 54



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Figure 56



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Figure 58



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Figure60



Figure 61



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Figure 62

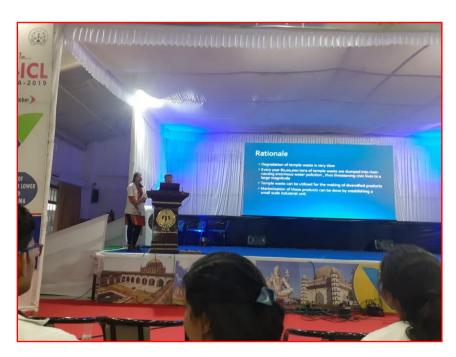


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Figure 64



Figure 65



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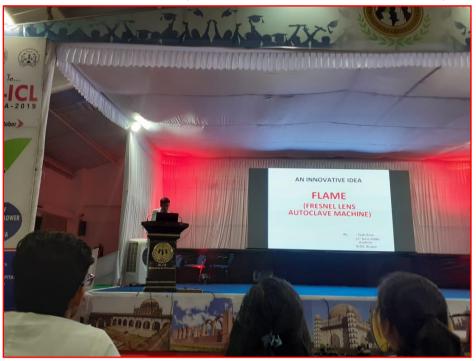


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Figure 69



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Figure 71



Figure 72



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Figure 73



Figure 74



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Figure 75



Figure 76



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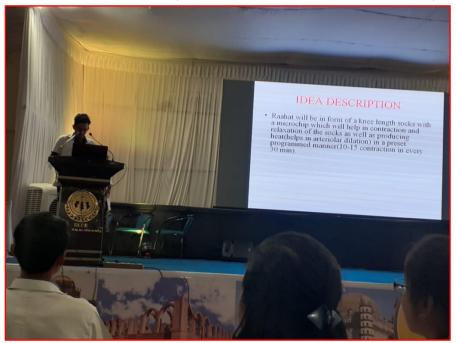


Figure 77



Figure 77



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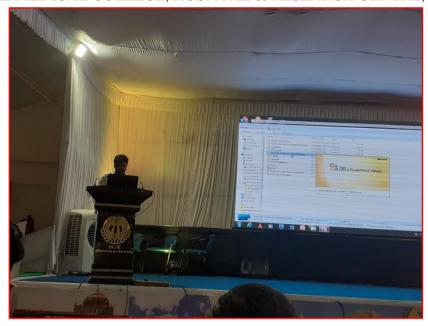


Figure 78



Figure 79



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Figure80



Figure 81



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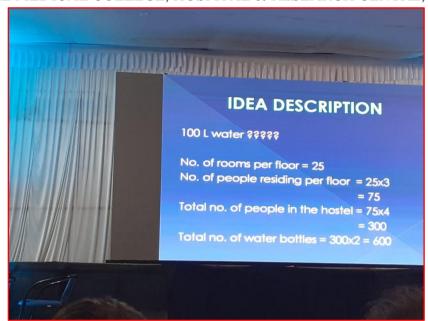


Figure 82



Figure 83



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Figure84

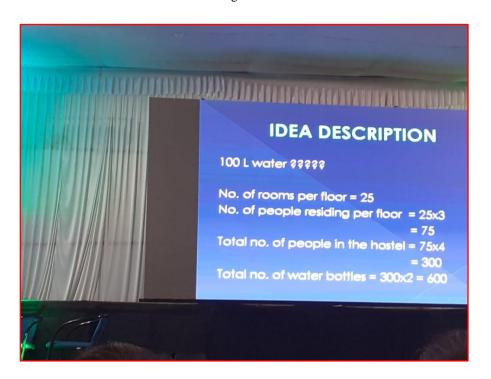


Figure 85



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Figure 86



Figure 87



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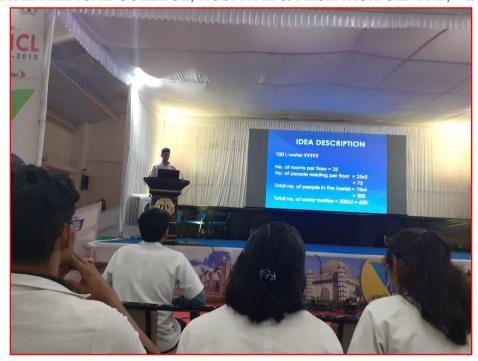


Figure 88



Figure 89



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#### 06) SIMULCON

## Simulcon was conducting on 13<sup>th</sup>& 14<sup>th</sup> December 2019 at Andhra Pradesh

Objectives: SIMULCON India 2019 was the 1<sup>st</sup>national & international conference on health care simulation with respective health care in India at the Cultural capital of Andhra Pradesh Rajahmundry between 13th & 14th December 2019.

It was focused on topics of simulation in relation to health care and its importance in medical education, competency acquisition and skills training. The two day meet was emphasize of faculty development, hands on learning, multi rolling exposure of virtual reality simulation and many other in the field of health care simulation.

#### Simulcon India 2019 1st national conference report:

With reference to the subject mentioned and letter cited above, I Dr. Gavishiddappa A. Hadimani has been deputed to attend SIMULCON India 20191<sup>st</sup> National conference and Workshop on health care simulation with respective health care in India at the Cultural capital of Andhra Pradesh Rajahmundry between 13th & 14th December 2019. It was focused on topics of simulation in relation to health care and its importance in medical education, competency acquisition and skills training. The two day meet was emphasize of faculty development, hands on learning, multi rolling exposure of virtual reality simulation and many other in the field of health care simulation.

It was great event to bring managements, administrators, equipment manufacturers / suppliers and experts in simulation on a common platform to design, equip and create a blueprint for simulation laboratory in a medical college. This conference will help to develop curriculum for training the trainers in simulation laboratory, to develop skill training program in simulation laboratory for healthcare personnel and integrate it with UG and PG medical curriculum, to develop a blueprint for academically and financially viable training programs in clinical skills.



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SHRI B. M. PATIL MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, VIJAYAPURA Conference was flooded with good number of speakers from India as well as from foreign,

- DR.CHRISTINE PARK<sub>Chicago-USA</sub>
- DR. MAKANI PURVA<sub>England</sub>
- DR. AMANDA WILFORD<sub>London</sub>
- DR. ISMAIL MOHD SAIBOON<sub>Malaysia</sub>
- DR. RASHMI ARADHYA<sub>India</sub>
- DR. DINKER<sub>India</sub>& Many more

Conference was followed by hands on workshop on various modules.

| Sl. No | Station Name                | Plan of Conduct/Modules                          |
|--------|-----------------------------|--|
| 1      | BCLS/CCLS                   | Airway/CPR/Scenario Based Skill                  |
| 2      | Fiber Optic<br>Bronchoscopy | Fiber Optic Bronchoscopy                         |
| 3      | Lap Mentor                  | Lap Technique/UGI                                |
| 4      | ANGIO Mentor                | Coronary & Cerebral Anatomy & Do's &Don'ts       |
| 5      | Anatomage                   | Anatomage& Application                           |
| 6      | ARTHROSCOPY                 | Knee & Shoulder – Diagnostics                    |
| 7      | Obstetrics                  | Birthing Simulator                               |
| 8      | Radiology                   | USG  |
| 9      | Trauma                      | Achieve Mastery in the techniques of Ultra Sound |



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| 10 | Lateral | Undergraduate Simulation Based Curriculum: A Step Wise |
|----|---------|--|
|    |         | Approach   |

I had a great experience and good interaction with team members of SIMULCON, here with I am submitting the report &photos.

I am very much thankful for giving me an opportunity to participate in such wonderful conference.

## **India 2019 1st National Conference and Workshop Photos:**

Dr. Gavishiddappa A. Hadimani has been deputed to attend SIMULCON India 20191<sup>st</sup> National conference and Workshop on health care simulation with respective health care in India at Rajahmundry Andhra Pradesh between 13th & 14th December 2019



Figure 1- National Conference and Workshop on healthcare simulation



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Figure 2- Dr. G. A. Hadimani. Anatomy department was attending the Simulcon



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## 07) SANDBOX INCUBATION CENTRE OF DESHAPANDE

#### FOUNDATION AT HUBBALLI

# Sandbox Incubation Centre visited by Our IIC members on 30th December 2019.

Objective: To know the infrastructure to install startup unit. Members of Institutions Innovation Council of BLDE (Deemed University) Shri B M Patil Medical College Hospital & Research Centre Vijayapura were deputed to visit Sandbox Incubation Centre of Deshapande foundation at Hubballi on 30 Dec 2019.

Benefit in terms of learning/skill/knowledge obtained: Got to know about we can take facilities of sandbox for our own projects.

Visit to Sandbox Incubation Centre of Deshapande foundation at Hubballi Members of Institutions Innovation Council of BLDE (Deemed University) Shri B M Patil Medical College Hospital & Research Centre Vijayapura were deputed to visit Sandbox Incubation Centre of Deshapande foundation at Hubballi on 30 Dec 2019.



Figure 1- Our all IIC members were visiting to the Sandbox incubation centre



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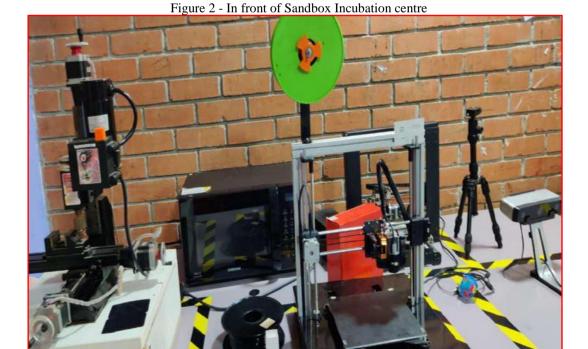


Figure 3- Incubation Centre having different ideas with innovations



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Figure 4 - Inside incubation centre



Figure 5 - Inside incubation centre



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# 08) RAJEEV GANDHI NATIAONAL INSTITUTE OF INTELLCTUAL PROPERTY RIGHTS

IPR conducted on 13<sup>th</sup> January 2020 to 18<sup>th</sup> January 2020- Intellectual Property Rights (IPR's) i.e. Patents, Designs, Trademarks, GI & Copyrights.

Registrar BLDE (Deemed to be University) deputed two faculty members viz. Dr. M. M. Patil and Dr. Ishwar Bagoji to attend One Week Skill Development Public Training Programme on Intellectual Property Rights (IPR) from 13th to 18th January 2020 at Nagpur.

Objective: The one week "Skill development Public Training Programme on Intellectual Property Rights (IPR)".

The points were discussing in the sessions

- 01) Patent filling in India
- 02) Patent specification
- 03) Patent Search
- 04) Patent Description, claims writing
- 05) Patent Processing, PCT, Opposition, Infringement, Licensing, etc.
- 06) Trademark, GI, Copyright and Design filling in India.

#### IPR (INTELLCTUAL PROPERTY RIGHTS)Report

The Rajiv Gandhi National Institute of Intellectual Property Management (RGNIIPM) Nagpur Central Government Institute under the Ministry of Commerce &Industry conducted training program from 13 January 2020 to 18 January 2020 on Intellectual Property Rights (IPR's) i.e. Patents, Designs, Trademarks, GI & Copyrights.



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SHRI B. M. PATIL MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, VIJAYAPURA Registrar BLDE (Deemed to be University) deputed two faculty members viz. Dr. M. M. Patil and Dr. Ishwar Bagoji to attend One Week Skill Development Public Training Programme on Intellectual Property Rights (IPR) from 13th to 18th January 2020 at Nagpur.

One week complete report of the training program on Intellectual Property Rights (IPR)

## Week long Skill Development Public Training Program

One week (5 / 6 days) training program on

- Patent filing in India (1 day)
- Patent Specification (1 day)
- Patent Search (1 day)
- Patent Description, Claims writing (1 D)
- Patent processing, PCT, Opposition, Infringement, Licensing, etc. (1 day)
- Trademark, GI, Copyright & Design filing in India (1 day optional free)

Phase I: 13-18 January 2020

Figure 1-Training Program (sheet) for IPR



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Figure 2 – IPR Certificate (Mallanagouda Patil)



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Figure 3- IPR Certificate (Dr Ishwar Bagoji)



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Figure 4- IPR Certificate of Participation (Dr. M. M. Patil)



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09) INTERNAL HACKATHON

Internal Hackathon was conducting on 7thFebruary2020.

Objective: To short list the teams for SMART INDIA HACKTHON In SIH2020, the students

would have the opportunity to work on challenges faced within various Ministries,

Departments, Industries, PSUs and NGOs to create world class solutions for some of the

top organizations including industries in the world, thus helping the Private sector hire the

best minds from across the nation.

In the view of above, an Internal Hackathon competition has been organized by Institution's Innovation

Council (IIC). Top 7 teams from the Internal Hackathon were nominated for SIH 2020. In the view of

above, an internal Hackathon competition was organized by Institution's Innovation Cell (IIC)

to nominate teams for SIH 2020.

Targeted group: UG & PG students

**Date:** 7<sup>th</sup> February 2020, 4 PM onwards

Venue: Academic council hall, University building

**Internal Hackathon Report:** 

Total 9 teams each team comprising of 6 members participated in the Internal Hackathon. Out

of 9 teams, 5 teams participated for software edition and 4 teams participated for hardware

edition.

Each team addressed one problem statement and made a power point presentation of the idea for

4+1 minutes in the given format.

Dr Raju Kalyanshetter Professor, Department of Pediatrics,

Dr Anil Reddy Assistant Professor Department of Pathology,



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SHRI B. M. PATIL MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, VIJAYAPURA Dr Shrilaxmi Bagali Associate Professor, Department of Physiology were the jury for the Internal Hackathon

The event was coordinated by Dr Chandrashekhar Buyyar Assistant Professor, Department of Forensic Medicine.

Smart India Hackathon 2020 BLDE (Deemed to be University) College SPOC (Single Point of Contact) Dr Vikram Sindagikar welcomed all the Jury and students and briefed about internal Hackathon 2020. Dr Aravind Patil, Dean Faculty of Medicine and Principal, addressed the students and wished the students best of luck. All the other members of the Institution Innovation cell were present during the Internal Hackathon.

2 teams each under software and hardware editions were selected to be nominated for SIH 2020. All the participants received certificates of participation from the Jury and College SPOC.



Figure 1 – Students and Faculties were attending the Internal Hackathon



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| _    | Team Name                          | Raptors  |
|------|------------------------------------|--|
| 1    | S Rahul                            | rahoo95@gmail.com                                      |
| 2    | Baishali Chakraborty               | baishali99@gmail.com                                   |
|      | Dhruv Kullolli                     | dhruvkullolli2001@gmail.com                            |
|      | Manvi Choudhary                    | manvi19082000@gmail.com                                |
|      | Saloni Varma<br>Yukti Gujrathi     | salonivarma17@gmail.com<br>yuktigujrathi@gmail.com     |
|      | Takii Gujiaan                      | , and golden Common to                                 |
|      | Team Name                          | ELIXIR   |
| 2    | Shivani Shinde                     | sharadaadik4@gmail.com                                 |
| 200  | Suraj Varma<br>Shardul Rathod      | sjsuraj12345@gmail.com<br>shardulrathod100@gmail.com   |
|      | Sarvesh S J                        | sarvesh24jatti@gmail.com                               |
|      | Shreya Reddy                       | prakashreddy9009@gmail.com                             |
|      | Sanjana /R.k                       | sanjanareddy212313@gmail.com                           |
| 3    | Team Name                          | MEDNUTS  |
|      | Rama Sinha                         | ramasinha1220@gmail.com                                |
|      | Medhamani Sharma                   | medhamani.sharma@gmail.com                             |
|      | Vidhi Udeshi                       | vidhi.a.udheshi@gmail.com                              |
|      | Richard Sharma                     | richard760sharma@gmail.com                             |
|      | Mohsin Ahmed<br>Arshad Khan        | ahmedmohsin468@gmail.com<br>m.arshadkhan1993@gmail.com |
|      |                                    |  |
|      | Team Name<br>M Varsha              | GENEZEN  |
|      | M Varsha<br>Esha Mangal            | varshamahendrakar@gmail.com<br>eshamangal24@gmail.com  |
|      | Minakshi Mishra                    | minakshimishra1806@gmail.com                           |
|      | Amrita Thakur                      | amritathakur1998@gmail.com                             |
|      | Akshaya                            | saiakshaya2001@gmail.com                               |
| 6    | Priya Vishwakarma                  | priyav8101@gmail.com                                   |
| 1000 |                                    |  |
|      | Team Name<br>Abhishek Pal          | VIGILANTES abhish12122609@gmail.com                    |
| 0.77 |                                    | alakanandaroyburman@gmail.com                          |
|      | Srishti Chandra                    | srishtichandra10@gmail.com                             |
| 4    | Akbar Hussen                       | 12.akbar.hussen@gmail.com                              |
|      | Priya                              | gpearl765@gmail.com                                    |
| 6    | K N Shashidhar                     | hussenakbar1156@gmail.com                              |
|      | Team Name                          | The Next Generation                                    |
|      | Tahreem Afroz                      | tahreemafroz786@gmail.com                              |
|      | Varenya Varuni                     | varenya.30k@gmail.com                                  |
|      | Devika Nair<br>Aashi Yadav         | devikan26@gmail.com                                    |
|      | Trupti Ganpatil                    | aashiydv26@gmail.com<br>ganpatil.trupti22@gmail.com    |
|      | Tejaswi Jakkepally                 | jakkepallytejaswi2000@gmail.com                        |
|      |                                    |  |
|      | Team Name                          | ALPHA CREW   |
|      | Ruben George Mathew                | rubengeorgemathew21@gmail.com                          |
|      | Ajay Chandran CK<br>Roshan Jagdish | ajayalphonsa@gmail.com<br>roshanjagadish97@gmail.com   |
|      | Nasmin Nazar                       | nasni3142@gmail.com                                    |
|      | Rajalaksmi P                       | rajalakshmipullor@gmail.com                            |
|      | Paul C Tom                         | paulctom@gmail.com                                     |
|      |                                    |  |
|      | Team Name                          | VOYAGERS   |
|      | Yash Arya<br>Adamya Johri          | yasharya29@gmail.com                                   |
|      | Kunal Sharma                       | adamyajohri@gmail.com<br>kskunal219@gmail.com          |
|      | Naman Dixit                        | namandixit100@gmail.com                                |
|      | Lokesh Palaniappan                 | palani.ka79@gmail.com                                  |
|      | Himani Kumari                      | khimani1998@gmail.com                                  |
|      |                                    |  |
|      | Team Name                          | sakshishawan@g"  |
|      | Sakshi Chawan                      | sakshichawan@gmail.com<br>rnikam11120@gmail.com        |
|      | Rutuja Nikam<br>Neelasmruty R      | ramanagoudarneelasmruty@gmail                          |
|      | Uiwal Chaturvedi                   | ujwalchaturvedi4@gmail.vom                             |
|      | Sumeet Patil                       | patilsumeet4444@gmail.com                              |
|      | Siddhant Prusty                    | siddhantprusty020202@gmail.com                         |
|      |                                    |  |
|      | Jury<br>Dr Shrilaxmi Bagali        | shrilaxmi.bagali@bldedu.ac.in                          |
| 1    | Di Sililiaxilli Dagali             |  |
|      | Dr Kalyanshettar                   | rajusk.bijapur@gmail.com                               |

Figure 2 –List of Participants and Jury Members



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10) SMART INDIA HACKTHON:

National Innovation Contest Idea Submission (SIH 2020) conducted on 8th February 2020.

Totally six Ideas were submitted. In hardware & software category & BLDE (DU) team was shortlisted –Easy Peezy.

Ministry/Organization Name: AICTE/MIC

Problem Statement: Student Innovation (software, IC466)

Team Name: RAPTORS-1

Team Leader Name: S Rahul

College Code: U-0214

#### **IDEA NAME: Easy Peezy**

The idea is to collaborate all the toilets in restaurants between two places and give rating to them via an app. User friendly interface which provides location of the restroom on smart phone screen.

Pay a small token and use the restroom just like public restroom but a better and clean one. The user can give rating to the toilet which will make the next user easier to choose a toilet of their comfort based on the ratings.

"HASSEL FREE EXPERIENCE— FIND A CLEAN TOILET ANYWHERE"



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#### FINAL LIST ANNOUNCED BY SMART INDIA HACKATHON 2020:



Figure 1- Smart India Hackathon 2020 Final List (Selected in this contest)



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#### Student And Mentor Certificates Of The Smart India Hackathon 2020:





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#### 11) IIC INNOVATION AMBASSADOR TRAINING SERIES

Innovation Ambassador Training Conducted on 26-27 February 2020 Bangalore ACS College of Engineering

IIC innovation ambassador training series

- 1. Design thinking & Innovations
- 2. IPR & Technology Transfer
- 3. Entrepreneurship Development Program
- 4. Pre- Incubations & Incubation Management

We the following members of IIC BLDEDU, Dr. S S Kalyanshettar, Dr. Gavishiddappa A. Hadimani, Dr. Ishwar Bagoji & Dr. Vikram Sindagikar were deputed to attend INNOVATION AMBASSADOR TRAINING PROGRAM (With respect to the training series) which was organized by the ACS College of Engineering, Bangalore in collaboration with AICTE / MHRD's INNOVATION CELL (SWRO) on 26&27 February 2020.

Following were the topics discussed in each session:

Session 1: Design & thinking

Awareness- Self Holistic by Mrs. PrajaktaKulkarni

Curiosity through empathy by Mrs. PrajaktaKulkarni

Research Methods by Mrs. PrajaktaKulkarni& Mrs. Shradha Mishra

Prioritization & Interconnections by Mr. SanketInamdar& Mrs. Shradha Mishra



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## SHRI B. M. PATIL MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, VIJAYAPURA Session 2: IPR and Technology transfer

Introduction to IP & Types of IPRs by Mr. VivekAnandSagar IP attorney

Copyright & related write by Mr. VivekAnandSagar IP attorney

Innovation & Patents by Dr. SarasijaPadmanabhan Patent attorney

Technology transfer, entrepreneurship & IP by Dr. SarasijaPadmanabhan Patent attorney

Branding & Trade marks by Mr. Kodandaram MG IRS retired

IPR & Cyber interface by Mr. Kodandaram MG IRS retired

Geographical indications Mr. Nagarjun

Industrial Design Mrs. Ekta Prasad Patent Agent

#### Session 3: Entrepreneurship development program

Concepts & elements of entrepreneurship by Dr. Lalit Sharma

Enabling youth entrepreneurship through Innovation Dr. Lalit Sharma

Entrepreneurship ecosystem in the country Dr. Lalit Sharma

Idea to enterprise creation by Prof KoppadaKiran

Entrepreneurship Competency development Prof KoppadaKiran

Business Model creation Prof KoppadaKiran

Social Media entrepreneurship Prof KoppadaKiran

#### **Session 4: Pre Incubation & Incubation Management**

Planning an Incubation by Mr. Rakesh Mishra

Setting up education programs Mr. Rakesh Mishra

Funding an incubator Mr. Rakesh Mishra

Setting up a mentoring program Mr. Rakesh Mishra

Types of Infrastructure & facilities required Mrs. PriyankaMukkharjee

Promoting an incubator Mrs. PriyankaMukkharjee

Handling finance of the incubator Mr. Muttu

Hiring people for Incubation & administration Mr. Muttu



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Figure 1- IIC innovation ambassador training series poster



Figure 2- IIC innovation ambassador training program series (Nominated Faculty Member List)



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Figure 3-The selected team members were attending the session



Figure 4



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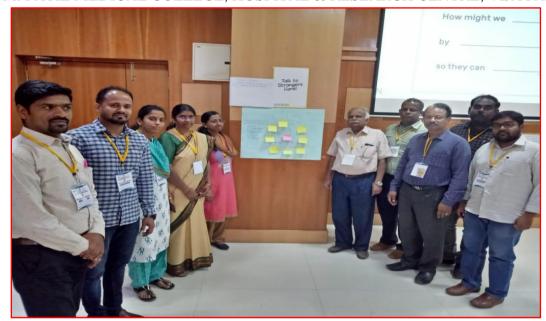


Figure 5



Figure 6



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SHRI B. M. PATIL MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, VIJAYAPURA ATTENDANCE CERTIFICATES OF PARTICIPATED FACULTIES:



Figure 7(Dr. Ishwar B Bagoji)



Figure 8(Dr. S. S. Kalyanshettar)



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Figure 9(Dr. Vikram Sindagikar)



Figure 10(Dr. Gavishiddappa A Hadimani)



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## SHRI B. M. PATIL MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, VIJAYAPURA CERTIFICATES OF PARTICIPATION



Figure 9- Certificate Participation (Dr. Gavishiddappa A Hadimani)



Figure 10- Certificate Participation (Dr. Ishwar B Bagoji)



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Figure 11- Certificate Participation (Dr. S. S. Kalyanshettar)



Figure 12- Certificate Participation (Dr. Vikram Sindagikar)



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# 12) NATIONAL SCIENCE DAY

# National science day conducted on 3<sup>rd</sup> March 2020

Objectives: On the occasion of National Science Day 28th February 2020 IIC of BLDE (DU) is organizing various events in the loving memory of creative mind par excellence Sir Chandrasekhar Venkata Raman, famously known as Sir C V Raman The day is known for one of the greatest Innovation and scientific achievement of India, Raman Effect, discovered by Sir CV Raman, who won the Nobel Prize in 1930.

Together we can achieve and strengthen the vision of Sir C V Raman for better, creative and an Innovative India. To celebrate this day, we appeal and Invite Institute faculty members and students by organizing the below-mentioned activities.

Competitions for the students:

Slogan competitions

Theme: path-breaking Innovations /scientific achievements from India for humankind.

• Essay writing competitions

Theme: on path-breaking Innovations /scientific achievements from India for humankind.

- Create a short audio/ video song
- Innovative Notice Board (Size 3x4) preparation competition, Use of recycled materials Theme(Waste to wealth).

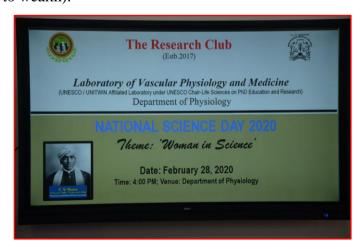


Figure 1-National Science Day Celebration



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Figure 2- The National Science Day Invitation card



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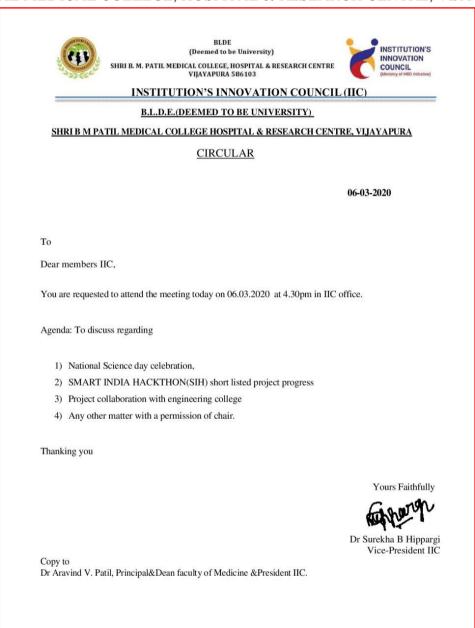


Figure 3- The Circular of the IIC(Related to the National Science Day)



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#### "WOMEN IN SCIENCE DAY" AWARDS:



Figure 4



Figure 5



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Figure 6



Figure 7



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Figure 8



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Figure 9





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# 13) MHRD INNSTITUTION'S INNOVATION COUNCIL ONLINE SESSIONS

# MHRD online sessions conducted on 28th April 2019 to 22nd May 2020.

Objective: You can visit the IIC portal at <a href="https://mic.gov.in/iicwebinar.php">https://mic.gov.in/iicwebinar.php</a>

We have scheduled all 15 e-sessions was telecasting on MIC youtube channel (<a href="https://www.youtube.com/mhrdinnovationcell">https://www.youtube.com/mhrdinnovationcell</a>) from 28<sup>th</sup> April Onwards at 3.00 PM. For detailed scheduled plan, speaker details, and links to join the e-sessions.

Post session, participants can download the PPT and will be required to submit the e-assessment form within 4 working days from the datte conduct of that particular e-session to get an e-participation certificate.

IIC Online sessions name and with respect to the scientists:

- 01) IIC online session-NISP-
  - Mr. DipanSahu, National Coordinator MHRD's Innovation Cell, AICTE
- 02) IIC online session-Incubation
  - Mr. MuthuSingaram, CEO, IIT Madras, Chennai
- 03) IIC Online session-Emerging innovator
  - Ms. Vandana Thakur, Female Innovator cum Entrepreneur L M College of Pharmacy, Ahmadabad
  - 2) Mr. Amit Sanjay Lokhande, innovator Cum Entrepreneur Institute of Chemical Technology, Mumbai
- 04) IIC Online session-TiE Delhi
  - Ms. GeetikaDayal, Executive Director, TiE Delhi- NCR
- 05) IIC Online session-Design Process
  - Dr. Pankaj Parashar, CEO/Founder Cutting edge Technology Pvt. Ltd., Indore



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06) IIC Online session Double Diamond Nodes

PrajaktaKulkarni, Founder, Director, Nodes Pvt. Ltd., Pune 2) SanketInamdar, Cofounder, CEO, Nodes Pvt. Ltd., Pune

- 07) IIC Online session- IIC lecture series
  - Dr Sanjeeva Kumar Majumdar, Manager-IPR, StartUp& Incubation, National Research Development Corporation, New Delhi
- 08) IIC Online session-Lead-Angels & FAQS-FOR-CAPITAL-RAISE
  - Mr. SushantoMitra, CEO, Lead Angels
- 09) IIC Online session-Legal-and-Ethical-Steps
  - Mr. Harit Mohan, Founder & CEO of Signicent LLP in India and Signicent LLC in the US
- 10) IIC Online session-Market-Research-Basics
  - Dr. Preet Deep Singh, AVP, Invest India
- 11) IIC Online session-Forge\_IIC
  - Dr. Lakshmi Meera, Program Director, Forge incubator, Coimbatore
- 12) IIC Online session-Idea Entrepreneurship Opportunities
  - 1) Dr. AmitDwivedi Associate senior faculty, EDII, Ahmadabad 2) Dr S. R. Acharya, Associate Sr. Faculty, EDII, Ahmadabad
- 13) IIC Online session-MarketResearch2
  - Dr. Preet Deep Singh, AVP, Invest India
- 14) IIC Online session-Raman Innovation
  - Dr. Raman Gujaral, Sr. Faculty, EDII, Ahmadabad
- 15) IIC Online session-SIH prep, SLICK LOKESH and Vidyut Journey and learning's Slides
  - 1) Pulakit Jain, Team Vidyut
  - 2) LokeshGoswami, Team SLICK
  - 3) Arpit Nandi, Team Quarks & Leptons



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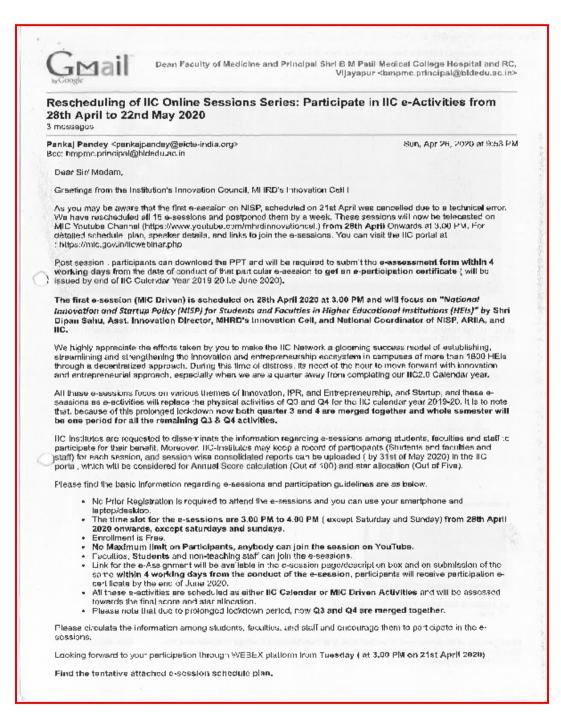


Figure 1- IIC online sessions series mail copy



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|  | BLDE (Deemed to be Univ<br>Shri B.M Patil Medical College, Hospital and Res | **  |      |  |  |
|--|---|---|------|--|--|
|  | INSTITUTIONS INNOVATION CELI  |   |      |  |  |
| "Innovation To Quality to Health Care" |   |   |      |  |  |
| SLNO                                   | POSITION  | NAME  | Sign |  |  |
| 1                                      | President IIC   | Dr. Aravind V Patil                             |      |  |  |
| 2                                      | Vice President IIC  | Dr. Surekha Hipparagi                           |      |  |  |
| 3                                      | Convener, Social Media Co-Ordinator IIC                                     | Dr. Gavishiddappa A Hadimani                    |      |  |  |
| 4                                      | Member IIC  | Dr. Shankargouda V Patil                        |      |  |  |
| 5                                      | Member IIC  | Dr. S. S. Kalyanshettar                         |      |  |  |
| 6                                      | Member IIC  | Dr. Vikram Sindagikar                           |      |  |  |
| 7                                      | Representative from nearby Incubation Centre-IIC                            | Mr. Pratapkumar Solapur                         |      |  |  |
| 8                                      | Member IIC  | Dr.Ishwar B Bagoji                              |      |  |  |
| 9                                      | Member IIC  | Dr. Jyoti Khodnapur                             |      |  |  |
| 10                                     | Member IIC  | Dr. Shrilaxmi Bagali                            |      |  |  |
| 11                                     | Member IIC  | Dr. Shivaleela M Biradar                        |      |  |  |
| 12                                     | Member IIC  | Dr. Chandrashekar Bhuyar                        |      |  |  |
| 13                                     | Member IIC  | Dr. Savithri Nerune                             |      |  |  |
| 14                                     | Member IIC  | Dr. Shivakumar Pujeri                           |      |  |  |
| 15                                     | Member IIC Dr. Chandramouli Reddy   |   |      |  |  |
| 16                                     | IIC Staff Member  | Mrs.Anita V Tippa                               |      |  |  |
|  | Student Members IIC   |   |      |  |  |
| 1                                      | Member & Internship Co-Ordinator  | Dr. Tanmaya Tyagaraj                            |      |  |  |
| 2                                      | Member  | Dr. Poojita B S                                 |      |  |  |
| 3                                      | Member  | Dr. Nethra N                                    |      |  |  |
| 4                                      | Member  | Dr. Sohan S Rao                                 |      |  |  |
| 5                                      | Member & Startup Co-Ordinator   | Miss Isha dixit                                 |      |  |  |
| 6                                      | Innovation Co-Ordinator & Member  | Mr. Rohit RJ                                    |      |  |  |
| 7                                      | Member  | Mr. Yash Arya                                   |      |  |  |
| 8                                      | Member  | Mr. Shubham Shah                                |      |  |  |
| 9                                      | Member  | Mr. Richard Sharma                              |      |  |  |
| 10                                     | Member  | Mr. Ankit Jha                                   |      |  |  |
| 11                                     | Member  | Mr. Jigyasu Vij                                 |      |  |  |
| 12                                     | Member  | Mr.Mohd Usman Mallick                           |      |  |  |
| 13                                     | Member  | Mr. Aditya Narayan Sahu                         |      |  |  |
| 14                                     | Member  | Mr. Labhendu Kumar Tripathi                     |      |  |  |
|  | External Members IIC & NAIN   |   |      |  |  |
| 1                                      | Representative rom near by Incubation centre                                | Mr. Pratapkumar Solapur                         |      |  |  |
| 2                                      | Expert from nearby Industry/Industry Association/Ecosystem Enablers         | Mr. Anupam Runawal                              |      |  |  |
| 3                                      | Expert from nearby Industry/Industry Association/Ecosystem Enablers         | Mr. Raju Bijjaragi                              |      |  |  |
| 4                                      | Expert from nearby Industry/Industry Association/Ecosystem Enablers         | Mrs. Mallamma Yalawar                           |      |  |  |
| 5                                      | Bank/Investor   | State Bank Manager- Mr. SanjayaKumar Srivastava |      |  |  |

Figure 2- IIC Members list



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#### 14) LEADERSHIP TALK WITH MR.DP SINGH

He is chairman of UGC. Leadership Talk is on Saturday 9<sup>th</sup> May 2020 at 11.00 PM.

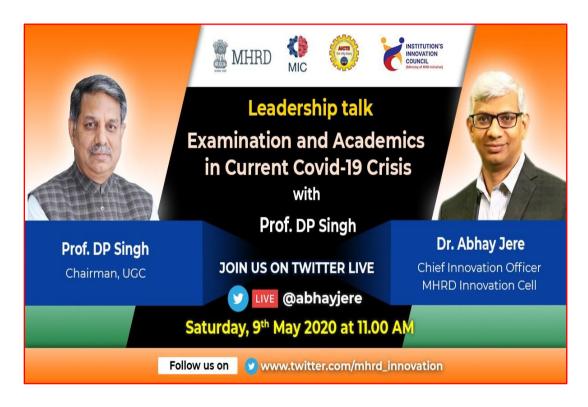


Figure 1- Leadership Talk with Mr. DP Singh

"Examination and Academics in Current Covid-19 Crisis" - This topic had discussed with with DR. Abhay Jere, he is Chief Innovation Officer of MHRD Innovation Cell.



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15) LEADERSHIP TALK WITH DR. PRAMOD CHOAUDHARI

He is Founder & Chairman of Praj Industries Limited. Leadership Talk is on Saturday 16<sup>th</sup> May 2020 at 1.00 PM.



Figure 1- Leadership Talk with Dr. Pramod Choaudhari

The main points had discussed with DR. Abhay Jere, he is Chief Innovation Officer of MHRD Innovation Cell.

- 01) Biomobility is different from e-mobility
- 02) Biofuels
- 03) Biogas
- 04) Sustainable frame work



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16) LEADERSHIP TALK WITH MS. ASHWINI DESHPANDE

She is Co-Founder & Director of Elephant Design. Leadership Talk is on Saturday 6<sup>th</sup> June 2020 at 1.00 PM.



Figure 1- Leadership Talk with Ms. Ahwini Deshpande

The main points had discussed with DR. Abhay Jere, he is Chief Innovation Officer of MHRD Innovation Cell.

- 01) Concept of the Design
- 02) Technologist can actually get on hold on design or understand the design.
- 03) 31 years back "Elephant Design" company was starting up. Type of experience you were starting up the design company.
- 04) Impression with the customers.



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17) LEADERSHIP TALK WITH SHRI. R SUBRAHMANYA

He is the Secretary, Ministry of Social Justice and Empowerment. Leadership Talk is on Saturday 13<sup>th</sup> June 2020 at 1.00 PM.



Figure 1- Leadership Talk with Shri. R Subrahmanya

The main points had discussed with DR. Abhay Jere, he is Chief Innovation Officer of MHRD Innovation Cell.

- 01) Due to the Covid-crisis as government take decisions, guidelines and message to people.
- 02) Rebuilding the economy
- 03) 1 Crore house holds are present in the country.
- 04) Agricultural workers and daily bases workers-how to manage the money in present day situation.
- 05) How to handle the money by rich/poor person, Manage the money in present day situation.
- 06) As ministry social disctance- Drive towards the entrepreneurship, Smart India Hackathon, Innovation in every college campus and Social innovation in poorer.
- 07) Hub- For poorest and weakest and how to come out from failure.
- 08) Failure should be biggest blessing to all of us.



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18) LEADERSHIP TALK WITH MR. SHRIDHAR VENKAT

He is the CEO of Akshya Patra Foundation. Leadership Talk is on Saturday 20<sup>th</sup> June 2020 at 1.00 PM.



Figure 1- Leadership Talk with Mr. Shidhar Venkat

The main points had discussed with DR. Abhay Jere, he is Chief Innovation Officer of MHRD Innovation Cell.

- 01) It is world's biggest middane scheme foundation and more than 8lakhs students in each school day.
- 02) The scheme across +20,000 institutions across country not only in India across World. And discuss about how it is different from other organizations.
- 03) It is best example for social venture not only india across the globe.
- 04) How the entire scheme was consetionalised and how it is didfferent from other organisation.
- 05) As for the Innovations go Akshya patra is the person-mind is the coporate and heart is not for the profit.
- 06) Akhya patra also innovate india's first centralised kichen infrastruture.

07)



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19) LEADERSHIP TALK WITH SHRI.DIPENDRA MANOCHA

He is the Motivational speaker. Leadership Talk is on Saturday 27<sup>th</sup> June 2020 at 1.00 PM.



Figure 1- Leadership Talk with Shri. Dipendra Manocha

Follow us on social media like Twitter- www.twitter.com/mhrd innovation

20) Leadership Talk with Shri. Shashi Shekar, He is the CEO of the Prasar Bharathi. Leadership Talk is on Saturday 11<sup>th</sup> July 2020 at 1.00 PM.



Figure 1- Leadership Talk with Shri. Shashi Shekar



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21)MEETING CONDUCTED IN IIC

Meeting of IIC was conducted on 5<sup>th</sup> June 2020-at 4.00pm in IIC office.

Objectives: To discuss regarding

- Innovative challenges.
- To discuss the idea about "Project submitted RGUHS innovation challenge".
- To discuss about the attendance MHRD online session.
- Activity attended during Covid-19.
- Any other matter with a permission of chair.

# 22) MEETING CONDUCTED IN IIC

# Meeting of IIC was conducted on 13th October 2020- at 3.00pm in IIC office.

Objectives: To discuss regarding

- Discussion with Prof. S. K Muttagi M. Tech (Ph.D.) Vision Group Science and Technology, Department of IT, BT and S&T Government of Karnataka Bangalore.
- Any other matter with a permission of chair.



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## 23) INNOVATION FOR FOUNDATION DAY

We were submitting/ forwarding the below documents to the VC Principal Mail id on October 14<sup>th</sup> 2020.

# 01) FOUNDATION DAY- MAIL COPY

| M Gmail   | Dean Faculty of Medicine and Principal Shri B M Patil Medical College Hospital and RC,<br>Vijayapur<br>Vijayapur<br>Vijayapur<br>Vijayapur<br>  |
|---|---|
| Fwd: BLDEA's Foundation   | ındation Day (On-line mode)   |
| To: Dean Faculty of Medicin   | Thu, Oct 15, 2020 at 4:26 PM en and Principal <a href="mailto:bmpmc.principal@bldedu.ac.in">bmpmc.principal@bldedu.ac.in</a> , "Dr Tejaswini Vallabh (Vice Principal)", vp academics <vp.academics@bldedu.ac.in< a="">, Dean Student Affairs <deansa@bldedu.ac.in< a=""></deansa@bldedu.ac.in<></vp.academics@bldedu.ac.in<>  |
| Sir, Forwarded is the ema   | ail from Association Office for your kind reference and needed action please.   |
| Date: Mon, Oct 12, 2020 Subject: BLDEA's Found: To: Dr J G Ambekar (Reg <principal.aspatil@gmail.c <pre="" <principal.bddc@bldea.org:="">csjgoudar@gmail.com&gt; <pre>school <sbmpps.jalanaga< pre=""> <draphrc05@gmail.com></draphrc05@gmail.com></sbmpps.jalanaga<></pre> <pre>cbldeaitcollege@gmail.com&gt;</pre> <pre>cbldeiticollege@gmail.com&gt;</pre> <pre>cbldeaissbedcb@gmail.com&gt;</pre> <pre>cbldeajssbedcb@gmail.com&gt;</pre> <pre>cprincipal.shmppucollege</pre> <pre>cbldeaavsamv@gmail.com&gt;</pre> <pre>cpldeaavsamv@gmail.com&gt;</pre> <pre>cpldeaavsamv@gmail.com&gt;</pre> <pre>lachyan <ssttilachyan123< pre=""></ssttilachyan123<></pre></principal.aspatil@gmail.c> | ficer, BLDE Association <rvkulkarni@bldea.org> at 5:36 PM attion Day (On-line mode) istrar BLDE University) <registrar@bldeuniversity.ac.in>, Principal Aspatil om&gt;, <pri>com&gt;, <pri>cprincipal.aspcom@bldea.org&gt;, Principal Bacc <pri>principal.bacc@gmail.com&gt;, g&gt;, <nac_tikota07@yahoo.co.in>, <pri>principal.tikotanac@bldea.org&gt;, <br/>cpldeajkd@yahoo.in&gt;, ea.org&gt;, Bldeasbkcp Sbkcp <br/>dbldeasbkcp@gmail.com&gt;, <pri>principal.kcpdegree@bldea.org&gt;, com&gt;, <pri>cprincipal.sbswc@bldea.org&gt;, Dr.V.P.Huggi <pri>cprincipal@bldeacet.ac.in&gt;, ex.org&gt;, <br/>dbldealawcollegejkd@yahoo.in&gt;, <pri>cprincipal.jkdlaw@bldea.org&gt;, S Goudar sprincipal.ssmp@bldea.org&gt;, <ssdpedbijapur@gmail.com>, The Principal Sri B M Patil Public <pre>rr@gmail.com&gt;, BLDEA PUBLIC SCHOOL <br/>dbldeapublicschool@yahoo.in&gt;,</pre> <pre>, Kaushik Banerjee <br/>dbmpatilpublicschool@gmail.com&gt;, MAHADEV PADASALAGI</pre> <pre>m&gt;, BLDEASSBMPATILINSVJP <pri>prishribmpcon@rediffmail.com&gt;, <pri>cprincipal.con@bldea.org&gt;,</pri></pri></pre> <pre>, deascop@yahoo.com&gt;, <pri>cprincipal.sbri B M Patil PU College</pri></pre> <pre>@bldea.org&gt;, <pri>cprincipal.sbrmppuc@bldea.org&gt;, PRINCIPAL BLDEAAVSAMV</pri></pre> <pre>m&gt;, <director@bldeaspcc.ac.in>, <director.aspmba@bldea.org>, <sbkcppu@gmail.com>,</sbkcppu@gmail.com></director.aspmba@bldea.org></director@bldeaspcc.ac.in></pre> <pre>, ss P U College High School Section Bijapur <sspucollegehs@gmail.com>,</sspucollegehs@gmail.com></pre> <pre>, soldeajkdpu@gmail.com&gt;, <sspattinstitute@gmail.com>, <br/>bldeajkdpu@gmail.com&gt;, <sspucollegehs@gmail.com>, bldeasbagewadi pharmacy</sspucollegehs@gmail.com></sspattinstitute@gmail.com></pre></ssdpedbijapur@gmail.com></pri></pri></pri></pri></pri></nac_tikota07@yahoo.co.in></pri></pri></pri></registrar@bldeuniversity.ac.in></rvkulkarni@bldea.org> |
| But this year, the man<br>mode due to Covid-<br>recognized and will be<br>In this context,  | ry year, BLDE Association is celebrating its "Foundation day" on 23rd October. agement of BLDE Association has decided to organize the event through online 19 pandemic. On this occasion, achievements of staff and students will be efficitated during the function.  you are hereby informed to submit the list of achievements with relevant year i.e., from November 2019 to October 2020) latest by 14-10-2020 in the   |
| (ii) National and inter   | c holders in final exams & COE national sports winners.  Sports UT  y winners of sports events organized by Govt. registered bodies (State olympic  |



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- 2) Faculty category:
- 10 h
- (i) State and national level awards: Faculty, who received awards by government will be taken into
- (ii) Research grants/IPRs: Individual faculty who got major research grants and/ or granted IPRs like patents/copyrights/designs etc.
- (iii) New innovations recognized by Govt. departments.

Regards,

Dr. R V Kulkarni Administrative Officer BLDE Association, Vijayapur

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With warm Regards

Registrar, BLDE (Deemed to be University) Smt. Bangaramma Sajjan Campus, B. M. Patil Road (Solapur Road) VIJAYAPURA-586103. Karnataka. WEB: www.bldedu.ac.in

BE GREEN KEEP IT ON

A step towards sustainability.

As per directions of the Statutory Authority the institutional email [id] address has been changed from registrar@bldeuniversity.ac.in to new email id registrar@bldedu.ac.in. Kindly use this email id for future email communications.

Figure 1- Mail from Register office (Regarding Foundation Day)



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**V**|CONSTRUCTION **MULTIPLE CHOICE QUESTIONS** AS A TEACHING/LEARNING TOOL INNOVATIONS IN MEDICAL **EDUCATION** CONFERENCE -KECK SCHOOL USC LOS ANGELES CALIFORNIA USA-PAPER ACCEPTED & APPRECIATED

Saturday, 2/15/2020, 11:30 am - 1 pm

Saturday Poster Session, Poster #096

Constructing Multiple Choice Questions as Teaching/Learning Tool.

Hippargi, Surekha
Shri B.M. Patil Medical College Hospital & Research Centre of BLDE (Deemed to be University)

**Problem Statement:** Traditional method bypasses the active processing of the material & appear monotonous, so there is a lack of student involvement in learning process.

Rationale: In the conventional method, there is a lack of student involvement in the learning process & may not lead learning to occur at many levels, from simple recall to problem-solving, thus the purpose is defeated. Innovations in teaching /learning methods in education enhance both teachers and learners motivation, makes student to get involved actively in the process of constructing multiple-choice questions & thus enhances the understanding of the topic.

Methods: Type of study: Prospective study. Study group: Medical undergraduate students of Pathology at BLDE(DU) Shri B M Patil Medical College, Hospital & Research Centre, Vijayapura. Sample size: 35 + 5 students. Sampling method: Purposive sampling. Inclusion criteria: All the students of II phase I term (III term ) who is willing to participate in the study. Exclusion criteria: Students who have already read the topics before the intervention of the program. Plan of statistic analysis: Diagramatic presentation to know the efficacy of interventon. Ethical committee clearance obtained. 72 Students were volunterly selected Consent was taken by students. Students underwent orientation program for construction of multiple choice questions before intervention. Students were divided in to two groups. (A&B) Vascular events & Cellular events of acute inflammation were chosen as topics. Group A- Constructed MCQ on Vascular events (30 minutes) Group B- Went through conventional class (30 minutes). For Cellular events, crossing over was done (30 minutes each group). Feedback from students was also taken to know the effectiveness of program. crossing over was done (a effectiveness of program.

**Results:** Responses to feedback questionnaire was taken about understanding of the topic, student involvement in learning following Likert scale format. Two groups were compared & the means and SD of each groups were documented. A p value  $\leq 0.05$  considered as statistically significant. 87% of students said they enjoyed the session & understanding of the topic was enhanced by this learning tool-mean(  $3.83 \pm 0.38$ ). There were significant differences in the mean score and SD for understanding of the topic (p=0.04)

Potential Impact: Constructing multiple choice question enhances the understanding of the topic, may be used for other topics thus overall understanding of the subject will be better.

- References:

  1) Palmer E1, Devitt P. Constructing multiple choice questions as a method for learning. Annals of the Academy of Medicine 2006; 35(9):604-8.

  2) Grainger R, Dai W, Osborne E, Kenwright D. Medical students create multiple-choice questions for learning in pathology education: a pilot study. BMC Medical Education 2018;18:201

  3) Ali L, Abdelrahmana M, Attaranb M, Chin, Hai-Leng. What does PowerPoint mean to you? A Phenomenological Study. Procedia Social and Behavioral Sciences 2013;1319 26

Figure 5



# BLDF

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8/29/2020 Certifica

Keck School of Medicine of USC

#### LETTER OF ATTENDANCE

February 14, 2020 - February 15, 2020

The Keck School of Medicine of the University of Southern California certifies that Surekha Hippargi, MD has participated in the live activity titled 17th Annual Innovations in Medical Education Conference: Transforming Health Professions Education Through Innovation at Hilton Los Angeles/San Gabriel, San Gabriel, CA on February 14, 2020 - February 15, 2020 and is awarded 15.25 AMA PRA Category 1 Credit(s) TM.

Ron Ben-Ari, M.D. Associate Dean

Office of Continuing Medical

Education

metracker.net/KECKUSC/Files/Certificates/W1390232938.html

1/1



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#### VI] CERTIFICATES OF APPRECIATION FOR INNOVATIONS

INDIAN MEDICAL ASSOCIATION, VIJAYAPUR (Reg. No. BIJ-S616-2012-13) IMA BUILDING, STATION ROAD, VIJAYAPUR.

Dr. Santosh S. Nandi President M - 9448391760

Dr. Girish Kullolli Dr. Kesarsingh D. G. Dr. Rajasri G. Yaliwal Dr. R. M. Sajjan **Honorary Secretary** M - 9482666444

Vice-President M - 9448645707

Vice-President M - 9845152240

Treasurer M - 9448115175

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District Co-ordinator Dr. S. L. Lakkannava

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State Council Members :

State Council Members :
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Dr. Anil Navadagi
Dr. Dharamaray Ingale
Dr. L. H. Rathod
Dr. Shashikumar B. Patil (Sunag)
Dr. C. M. Talikoti
Dr. Deepa M. Patil
Dr. Pavitra Katakol
Dr. Sharanagouda Patil
Dr. Muttu Gudadinni

E C Members :

E C Members:
Dr. G. H. Biradar
Dr. N. B. Desai
Dr. Manjunath Kotennavar
Dr. N. S. Biradar
Dr. Ashok Taradi
Dr. Basavaraj Walikar
Dr. Mahesh Karigoudar
Dr. Vijaya Patil (Mulawad)
Dr. S. S. Patil
Dr. Dayanand Biradar
Dr. V. G. Warad
Dr. Shrepad Kulkarni
Dr. Santosh Shetty
Dr. Mohammed Siddiq
Dr. Basavaraj Kamadal

Dr. Mohammed Siddiq
Dr. Basavaraj Kamadal
Dr. Santosh Nemagouda
Dr. Annod Zalki
Dr. Basavalingappa Chot
Dr. Deepa Sajjanar
Dr. Geeta Chavan
Dr. Kamala R. Madraki
Dr. Shreedevi Kori
Dr. Sabir Patel
Dr. Laxmi Kanabur
Dr. Kavita Dodamani
Dr. Javed Patel

Dr. Javed Patel Dr. Sharanu Malipatil Dr. Basavaraj Nagur

Ex Office :

Dr. Shrishail. S. Taradi Past President

Honorary Guests:

Principal : BLDEA's Shri B. M. Patil Medical College

To,

Dr Surekha Hipparagi Professor Department of Pathology BLDE (Deemed to be University) Shri B M Patil Medical College, Hospital and Research Centre Vijayapur.

On behalf of the Indian Medical Association Vijavapur, we would like to commend on you on your innovative effort "Co-ultrasolution 20- UV RAYS Disinfectant Machine" We appreciate your creative idea during the time of global crisis of pandemic.

This innovation will be of greater benefit to the COVID warriors and society at large.

Thanking you

Dr Girish Kullolli

Dr Santosh Nandi

PRESIDENT Indian Medical Association, Vijayapur.



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Treasurer M - 9448115175

Executive Committee Divisional Co-ordinator Dr. Prashant Katakol

District Co-ordinator Dr. S. L. Lakkannava

#### Central Council Members

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#### State Council Members:

Dr. M. M. Patil

Dr. Anil Navadagi Dr. Dharamaray Ingale Dr. L. H. Rathod Dr. Shashikumar B. Patil (Sunag) Dr. C. M. Talikoti Dr. Deepa M. Patil Dr. Pavitra Katakol Dr. Sharanagouda Patil Dr. Muttu Gudadinni

#### E C Members:

Dr. G. H. Biradar Dr. N. B. Desal Dr. Manjunath Kotennavar Dr. N. S. Biradar Dr. Ashok Taradi Dr. Basavaraj Walikar Dr. Mahesh Karigoudar Dr. Vijaya Patil (Mulawad) Dr. S. S. Patil Dr. Dayanand Biradar Dr. V. G. Warad Dr. Shreepad Kulkarni Dr. Santosh Shetty Dr. Mohammed Siddiq Dr. Basavaraj Kamadal Dr. Santosh Nemagouda Dr. Anand Zalki Dr. Basavalingappa Choudhari Dr. Deepa Sajjanar Dr. Geeta Chavan Dr. Kamala R. Madraki Dr. Shreedevi Kori Dr. Sabir Patel Dr. Laxmi Kanabur Dr. Kavita Dodamani Dr. Javed Patel Dr. Sharanu Malipatil Dr. Basavaraj Nagur

Ex Office : Dr. Shrishall, S. Taradi Dr Girish Kullolli

Secretary

To.

Dr Aravind Patil Dean Faculty of Medicine BLDE (Deemed to be University) Shri B M Patil Medical College, Hospital and Research Centre Vijayapur.

On behalf of the Indian Medical Association Vijayapur, we would like to commend on you on your innovative effort "Co-ultrasolution 20- UV RAYS Disinfectant Machine" We appreciate your creative idea during the time of global crisis of pandemic.

This innovation will be of greater benefit to the COVID warriors and society at large.

hanking you

Dr Santosh Nandi

PRESIDENT Indian Medical Association, Vijayapur.



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Vice-President M - 9448645707

Dr. Girish Kullolli Dr. Kesarsingh D. G. Dr. Rajasri G. Yaliwal Dr. R. M. Sajjan Vice-President M - 9845152240

Treasurer M - 9448115175

**Executive Committee** Divisional Co-ordinator Dr. Prashant Katakol

District Co-ordinator Dr. S. L. Lakkannavar

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Dr. Anii Navadagi Dr. Anii Navadagi Dr. Dharamaray Ingale Dr. L. H. Rathod Dr. Shashikumar B. Patil (Sunag) Dr. C. M. Talikoti Dr. Deepa M. Patil Dr. Pavitra Katako Dr. Sharanagouda Patil Dr. Muttu Gudadinni

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Dr. Vijaya Patil (Mulawad)
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Dr. Kamala R. Madraki Dr. Shreedevi Kori Dr. Sabir Patel

Dr. Laxmi Kanabur Dr. Kavita Dodamani Dr. Javed Patel

Dr. Sharanu Malipatil Dr. Basavaraj Nagur

Ex Office : Dr. Shrishall, S. Taradi To.

Dr Surekha Hipparagi Professor Department of Pathology BLDE (Deemed to be University) Shri B M Patil Medical College, Hospital and Research Centre Vijayapur.

On behalf of the Indian Medical Association Vijayapur, we would like to commend on you on your innovative effort "Corona Warrior Self Alert form Corona Virus" We appreciate your creative idea during the time of global crisis of pandemic.

This innovation will be of greater benefit to the COVID warriors, working in resource limited settings.

hanking you

Dr Girish Kullolli

President Dr Santosh Nandi

PRESIDENT Indian Medical Association, Vijayapur.



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Figure 10



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# ASSOCIATION OF PHYSICIANS OF INDIA VIJAPUR GHATAK

(Registered under the Karnataka Registration Act 1960) Society No. BIJ-S613-2014-15

\_ 2014-15 \_

Dr. M. S. Biradar President

Dr. A. P. Yankanchi Vice President

Dr. R. M. Honnutagi Secretary

Dr. S. S. Patil Jt.Secretary

Dr. V. G. Warad Treasurer

**Executive Committee** Members

Dr. M. S. Mulimani

Dr. T. M. Sitimani

Dr. S. R. Badiger

Dr. S. N. Bentoor

Dr. A. R. Umarji Dr. A. P. Ambali

Dr. S. M. Biradar

Ref. No.

Date:

06-06-2020

To, Dr Surekha Hipparagi

Professor

Department of Pathology BLDE (Deemed to be University)

Shri B M Patil Medical College, Hospital and Research Centre Vijayapur.

We are very pleased to appreciate your innovation "DIY Cytofilt cards- Cost Reduction". We appreciate the hard work and diligent effort that you have put into completing your work. Your dedication to work, desire to experiment and out of box thinking has been an addition to the medical science and will be of greater use to the society.

Thanking you

Dr Rajesh Honnutagi

Address for correspondence: -

Dr. R. M. Honnutagi



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2014-15

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President

Dr. A. P. Yankanchi Vice President

Dr. R. M. Honnutagi Secretary

Dr. S. S. Patil Jt.Secretary

Dr. V. G. Warad Treasurer

**Executive Committee** Members

Dr. M. S. Mulimani

Dr. T. M. Sitimani

Dr. S. R. Badiger

Dr. S. N. Bentoor Dr. A. R. Umarii

Dr. A. P. Ambali

Dr. S. M. Biradar

Ref. No.

Date:

06-06-2020

To, Dr Anil Reddy

Asst Professor

Department of Pathology

BLDE (Deemed to be University)

Shri B M Patil Medical College, Hospital and Research Centre Vijayapur.

We are very pleased to appreciate your innovation "DIY Cytofilt cards- Cost Reduction". We appreciate the hard work and diligent effort that you have put into completing your work. Your dedication to work, desire to experiment and out of box thinking has been an addition to the medical science and will be of greater use to the society.

Thanking you

Dr Rajesh Honnutagi



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#### ASSOCIATION OF PHYSICIANS OF INDIA VIJAPUR GHATAK (Registered under the Karnataka Registration Act 1960) Society No. BIJ-S613-2014-15 2014-15 -Date: Ref. No. Dr. M. S. Biradar President 06-06-2020 To, Dr Anil Reddy Dr. A. P. Yankanchi Asst Professor Vice President Department of Pathology BLDE (Deemed to be University) Shri B M Patil Medical College, Hospital and Research Centre Dr. R. M. Honnutagi Vijayapur. Secretary We are very pleased to appreciate your innovation "Innovative way to Learn Pathology". We appreciate the hard Dr. S. S. Patil work and diligent effort that you have put into completing your Jt.Secretary work. Your dedication to work, desire to experiment and out of box thinking has been an addition to the medical science and will be of Dr. V. G. Warad Treasurer greater use to the society. **Executive Committee** Thanking you Members Dr. M. S. Mulimani Dr. T. M. Sitimani Dr. S. R. Badiger Dr Rajesh Honnutagi Dr. S. N. Bentoor Dr. A. R. Umarji Dr. A. P. Ambali Dr. S. M. Biradar Address for correspondence: -Dr. R. M. Honnutagi Secretary, Department of Medicine, Shri B M Patil Medical College Vijapur-586 103, Mob:9844088287 E-mail:drhonnutagi@gmail.com

Figure 13



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Address for correspondence: -Dr. R. M. Honnutagi

Secretary, Department of Medicine, Shri B M Patil Medical College Vijapur-586 103, Mob:9844088287 E-mail:drhonnutagi@gmail.com



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VIJAPUR GHATAK (Registered under the Karnataka Registration Act 1960) Society No. BIJ-S613-2014-15 2014-15 \_ Ref. No. Date: Dr. M. S. Biradar President 19-06-2020 To, Dr Aravind Patil Dr. A. P. Yankanchi Dean Faculty of Medicine Vice President BLDE (Deemed to be University) Shri B M Patil Medical College, Hospital and Research Centre Vijayapur. Dr. R. M. Honnutagi Secretary We are very pleased to appreciate your innovation "Coultra-solution 20- UV RAYS Disinfectant Machine". We Dr. S. S. Patil appreciate the hard work and diligent effort that you have put into Jt.Secretary completing your work. Your dedication to work, desire to experiment and out of box thinking has been an addition to the Dr. V. G. Warad medical science and will be of greater use to the society. Treasurer Thanking you **Executive Committee** Members Dr. M. S. Mulimani Dr. T. M. Sitimani Secretar Dr. S. R. Badiger Dr Rajesh Honnutagi Dr. S. N. Bentoor Dr. A. R. Umarji Dr. A. P. Ambali Dr. S. M. Biradar Address for correspondence: Dr. R. M. Honnutagi Secretary, Department of Medicine, Shri B M Patil Medical College Vijanu

Figure 15



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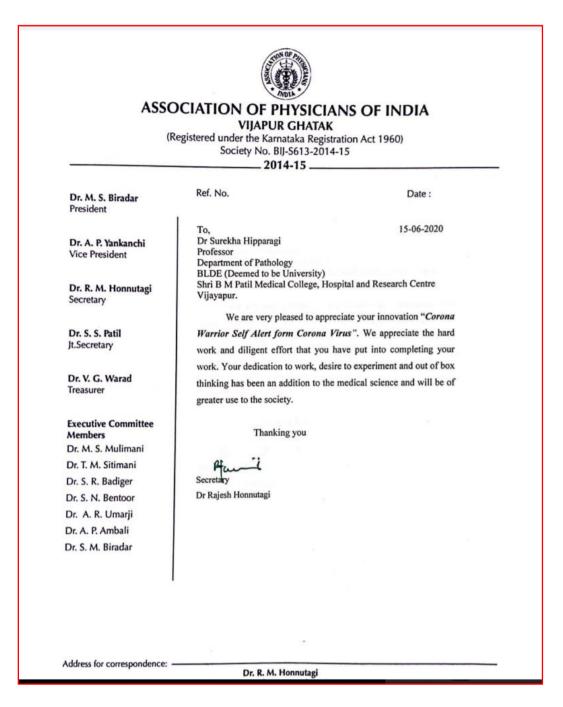


Figure 15



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# 24) KAPILA: KALAM PROGRAM FOR IP LITERACY AND AWARENESS

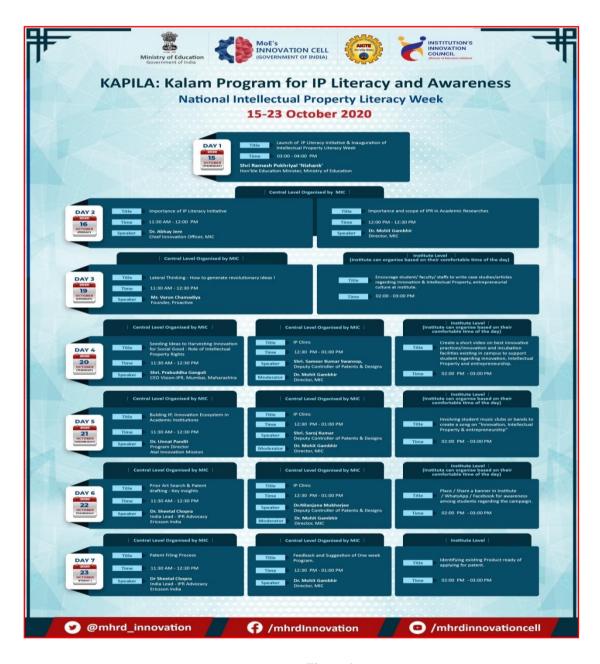


Figure 1



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KAPILA - Kalam Program for IP Literacy and Awareness Schedule for National

intellectual property literacy week (15-23 OCTOBER 2020)







#### KAPILA: Kalam Program for IP Literacy and Awareness

#### Schedule for National Intellectual Property Literacy Week 15- 23 October 2020

| Day 1 - 15 October 2020 (Thursday) |                                       |                      |  |  |
|------------------------------------|---------------------------------------|----------------------|--|--|
| Time                               | Title                                 | Speaker              |  |  |
| 03:00 PM -                         | Launch of KAPILA: Kalam Program       | Shri Ramesh          |  |  |
| 04:00 PM                           | for IP Literacy and Awareness &       | Pokhriyal 'Nishank', |  |  |
|                                    | Inauguration of Intellectual Property | Hon'ble Education,   |  |  |
|                                    | Literacy Week                         | Minister, MoE        |  |  |

| Day 2 - 16 October 2020 (Friday) |                        |   |                                    |  |
|----------------------------------|------------------------|---|------------------------------------|--|
| Time                             |                        | Title   | Speaker                            |  |
| Central<br>Level<br>Organised    | 11:30 AM -<br>11:40 AM | Importance of Maharshi<br>Bharadwaj IP Literacy<br>Initiative |                                    |  |
| by MIC                           |                        | Importance and scope of<br>IPR in Academic<br>Researches      | Dr. Mohit Gambhir<br>Director, MIC |  |

| Day 3 - 19 October 2020 (Monday)  |                        |  |   |  |
|---|------------------------|--|---|--|
|   | Time                   | Title  | Speaker   |  |
| Central Level<br>Organised by<br>MIC  | 11:30 AM -<br>12:30 PM | Lateral Thinking - How to generate revolutionary ideas!  | Mr. Varun<br>Chamadiya<br>Founder,<br>Proactive I |  |
| Institute Level (Institute can organise based on their comfortable time of the day) | 02:00 PM -<br>03:00 PM | Encourage student/ faculty/<br>staffs to write case<br>studies/articles regarding<br>Innovation & Intellectual<br>Property, entrepreneurial<br>culture |   |  |

Page 1 of 3



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IVIIC

| Day 4 - 20 October 2020 (Tuesday)  |                        |  |  |
|--|------------------------|--|--|
|  | Time                   | Title  | Speaker  |
| Central Level<br>Organised by<br>MIC   | 11:30 AM -<br>12:30 PM | Seeding Ideas to Harvesting<br>Innovation for Social Good : Role<br>of Intellectual Property Rights  | Shri.<br>Prabuddha<br>Ganguli<br>CEO Vision -<br>IPR                                 |
| Central Level<br>Organised by<br>MIC   | 12:30 PM -<br>01:00 PM | IP Clinic  | Shri. Sameer<br>Kumar<br>Swaroop,<br>Deputy<br>Controller of<br>Patents &<br>Designs |
| Institute<br>Level (Institute can<br>organise<br>based on<br>their<br>comfortable<br>time of the<br>day) | 02:00 PM<br>- 03:00 PM | Create a short video on best innovative practices/innovation and incubation facilities existing in campus to support student regarding innovation, Intellectual Property and entrepreneurship. |  |

| Day 5 24 October 2020 (Medagooday) |   |   |  |  |
|------------------------------------|---|---|--|--|
|                                    |   |   |  |  |
| Time                               |   | Speaker   |  |  |
| 11:30 AM –                         | Building IP,  | Dr. Unnat Pandit  |  |  |
| 12:30 PM                           | Innovation  | Program Director  |  |  |
|                                    | Ecosystem in  | Atal Innovation   |  |  |
|                                    | Academic Institutions   | Mission   |  |  |
|                                    |   |   |  |  |
| 12:30 PM - 01:00                   | IP Clinic   | Shri. Saroj Kumar   |  |  |
| PM                                 |   | Deputy Controller   |  |  |
|                                    |   | of Patents &  |  |  |
|                                    |   | Designs   |  |  |
| 02:00 PM - 03:00                   | Involving student   |   |  |  |
| PM                                 | music slube or banda  |   |  |  |
|                                    | music clubs of bands  |   |  |  |
|                                    | to create a song on   |   |  |  |
|                                    | "Innovation,  |   |  |  |
|                                    | Intellectual Property   |   |  |  |
|                                    | & entrepreneurship"   |   |  |  |
|                                    | Time  11:30 AM -  12:30 PM  12:30 PM - 01:00 PM  02:00 PM - 03:00 | 11:30 AM – 12:30 PM  Building IP, Innovation Ecosystem in Academic Institutions  12:30 PM - 01:00 IP Clinic  02:00 PM - 03:00 Involving student music clubs or bands to create a song on "Innovation, Intellectual Property |  |  |



# **BLDF**

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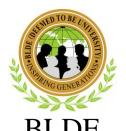
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# SHRI B. M. PATIL MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, VIJAYAPURA

| Day 6 - 22 October 2020 (Thursday)  |                        |  |   |  |  |
|---|------------------------|--|---|--|--|
|   | Time                   | Title  | Speaker   |  |  |
| Central Level<br>Organised by<br>MIC  | 11:30 AM -<br>12:30 PM | Prior Art Search & Patent drafting – Key Insights  | Dr Sheetal<br>Chopra<br>India Lead - IPR<br>Advocacy,<br>Ericsson India<br>Ltd. |  |  |
| Central Level<br>Organised by<br>MIC  | 12:30 PM -<br>01:00 PM | IP Clinic  | Dr.Nilanjana Mukherjee Deputy Controller of Patents & Designs                   |  |  |
| Institute Level (Institute can organise based on their comfortable time of the day) | 02:00 PM -<br>03:00 PM | Place / Share a banner in<br>Institute / WhatsApp /<br>Facebook for awareness<br>among students regarding<br>the campaign. |   |  |  |

|                                      | Day 7 - 23 October 2020 (Friday) |  |  |  |
|--------------------------------------|----------------------------------|--|--|--|
|                                      | Time                             | Title  | Speaker  |  |
| Central Level<br>Organised by<br>MIC | 11:30 AM –<br>12:30 PM           | Patent Filing Process                                      | Dr Sheetal Chopra<br>India Lead - IPR<br>Advocacy, Ericsson<br>India |  |
| Central Level<br>Organised by<br>MIC | 12:30 PM -<br>01:00 PM           | Feedback and Suggestion of One week Program.               | Dr. Mohit Gambhir,<br>Director, MIC                                  |  |
| Institute<br>Level                   | 02:00 PM -<br>03:00 PM           | Identifying existing Product ready of applying for patent. |  |  |

Page 3 of 3



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KAPILA: KALAM PROGRAM FOR IP LITERACY AND AWARENESS(15-23 OCTOBER 2020) IMPORTANCE OF IP LITERACY INITIATIVE(ONLINE SESSIONS)

01)



Figure 3

**02**)



Figure 4



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Figure 5



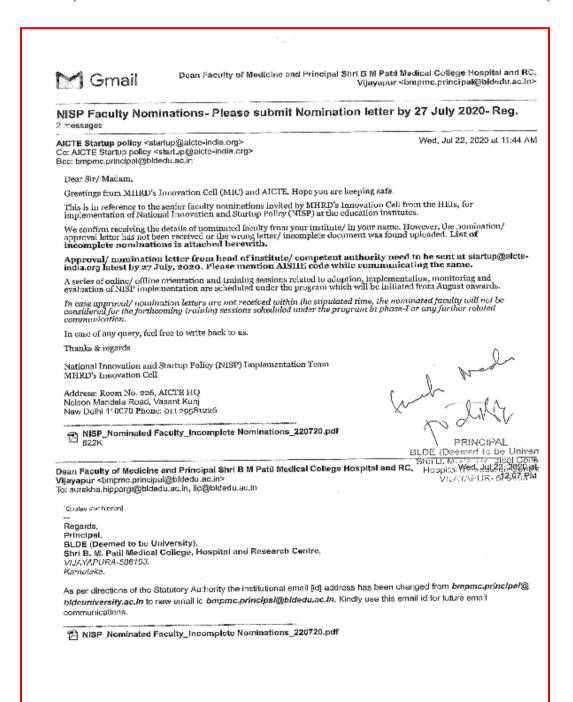
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# 25) NATIONAL INNOVATION AND STARTUP POLICY (NISP)





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# SHRI B. M. PATIL MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, VIJAYAPURA Figure 1



#### BL DE

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#### Nomination for NISP Implementation at Institute Level

I am pleased to nominate a Senior faculty Dr Surekha B Hipparagi, Professor of Pathology & HC Vice President, BLDE (Deemed to be University) for NISP campaign.

PRINCIPAL
PRINCIPAL
PRINCIPAL
BLOE (Deemed to be University)
Shri B. M. Pati' iv dical College
Hospital & Research Centre,
VIJAYAPUR-586103

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# SHRI B. M. PATIL MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, VIJAYAPURA Figure 2

| Sai Vidya Institute Of Technology, Bangalore   | C-1235  | Bangalore             | Karnataka | Dr Pradeep N E                    | Associate Professor<br>& Placement Officer              |
|--|---------|-----------------------|-----------|-----------------------------------|---|
| Rural Engineering College,<br>Bhalki   | C-1261  | Bhalki                | Karnataka | Giridhari Tiwari                  | Associate Professor<br>& TPO                            |
| Dr. Ambedkar Institute Of Technology, Bangalore  | C-1291  | Bangalore1            | Karnataka | Dr.Gowrishankar S.                | Professor   |
| Sir M Visvesvaraya Institute Of<br>Technology, Bangalore   | C-1327  | Bangalore             | Karnataka | Dr. Priya Narayan                 | Associate Professor                                     |
| Sri Venkateshwara College Of<br>Engineering, Bangalore   | C-1381  | Bangalore             | Karnataka | Dr. Shrishail Kakkeri             | Professor And Head<br>Mechanical<br>Engineering         |
| N M A M Institute Of Technology, Nitte   | C-1400  | Karkala Taluk         | Karnataka | Dr. Narasimha K.<br>Bailkeri      | Chief Project Leader,<br>Edc And Professor              |
| Siddaganga Institute Of<br>Technology  | C-1420  | Tumakuru              | Karnataka | Dr C.P.Lohith                     | Assistant Professor                                     |
| RV Institute Of Management,<br>No.17, 26Th Main, 36Th Cross,<br>Jayanagar, 4Th T Block,<br>Bangalore-41. | C-20757 | Bangalore             | Karnataka | Prof. Rashmi Shetty               | Assistant Professor                                     |
| Indian Institute Of Plantation<br>Management, Bangalore  | S-14881 | Bengaluru             | Karnataka | Dr Chenna Kesava<br>Reddy Sangati | Assistant Professor<br>(Food Nutrition &<br>Technology) |
| BLDE (Deemed To Be<br>University), Vijayapura  | U-0214  | Vijayapura 586<br>103 | Karnataka | Dr Surekha B Hippargi             | Professor Pathology                                     |
| Christ University, Bangalore   | U-0217  | Bengaluru             | Karnataka | Arjun Varadraj                    | Manager - Incubation<br>Cell                            |
| International Institute Of<br>Information Technology,<br>Bangalore                                       | U-0221  | Bengaluru             | Karnataka | Prof. Ramesh<br>Sundararaman      | CEO, IIITB Innovation<br>Centre                         |

Figure 3



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Figure 4

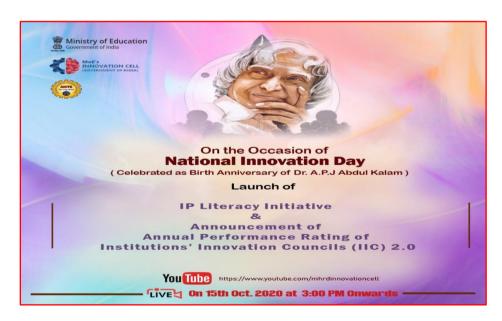


Figure 5



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National Innovation and Startup Policy (NISP) 2019 Implementation







#### **Orientation cum Training Sessions**

To Train Faculty Nominated by HEIs for NISP Implementation Session 1: Orientation and Adoption of NISP at HEI Level

Date: 5 August 2020; Time: 10:30 AM – 1:30 PM

VISIT WEBCAST ON MHRD Innovation Cell (YouTube Channel)

#### Session Plan (Tentative)

| Time  | Details  |  |  |  |  |
|---|--|--|--|--|--|
| Inaugural Session   |  |  |  |  |  |
| 10:30 AM – 10:45 AM   | Address by Addl. Secretary (HE), MHRD  |  |  |  |  |
| 10:45 AM – 10:55 AM   | Address by Chairman, AICTE/ Vice- Chairman, AICTE  |  |  |  |  |
| 10:55 AM – 11:05 AM   | Address by Chairman, University Grants Commission  |  |  |  |  |
| 11:05 AM – 11:15 AM   | Address by Chairman, National Board of Accreditation   |  |  |  |  |
| Start of Training Session                                       |  |  |  |  |  |
| 11:15 AM - 11:45 AM   | Why HEIs should adopt and where to start the adoption<br>of NISP?     Speaker: Chief Innovation Officer, Innovation Cell,<br>MHRD  |  |  |  |  |
| 11:45 AM — 1:30 PM  | What are the provisions and components in NISP for HEIs to implement? What are the desirable approaches, expected outcomes and likely impacts which will be created both at Micro & Macro level and Short- and Long-Term? Task Sheet preparation: To do list for adoption  Speaker: Sh. Dipan Sahu, Assistant Innovation Director, Innovation Cell, MHRD |  |  |  |  |
| End of Training Session   |  |  |  |  |  |
| Moderator: Dr. Pooja Rawat, Innovation Officer, Innovation Cell |  |  |  |  |  |

Visit mic.gov.in/startup\_policy.php

Write to us at startup@aicte-india.org

Figure 6



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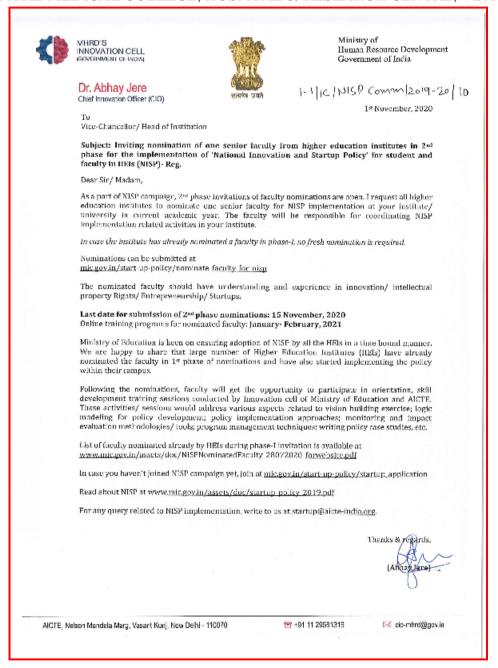


Figure 7



# **BLDF**

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#### Adoption of National Innovation and Start-up Policy (NISP) at HEI Level

#### **Action Items for September- November 2020**

Nominated faculty are required to coordinate with the head of their institute and the committee constituted for the purpose, for completion of below mentioned action items by  $15^{th}$  Nov. 2020.

| SN | Tasks/Assignments to Accomplish   | Expected Output of<br>the Assignment  | Progress Status (Completed/ Under Progress/Yet to be Initiated) |
|----|---|---|---|
| 1. | Identification of experts (balanced mix of experts from within HEI and regional & national ecosystem comprising alumni entrepreneurs, start-ups founders, incubation and pre-incubation units, representatives from I&E ecosystem enablers) to become part of the Innovation and Start-up Policy Formulation Committee at Institute level.  | Ideally 7 to 11<br>experts to be<br>identified  |   |
| 2. | Constitute a committee for formulating Innovation and Start-up Policy at Institute level with NISP coordinator as convenor of the committee.  | Committee Formation and scheduling the meetings   |   |
| 3. | Conduct the first brainstorm session with experts of committee to identify and list the policy level issues, strength areas, weak areas, opportunities, and threats (SWOT) of I&E ecosystem at HEI level taking all major stakeholders into account and prioritize these issues (develop the problem tree as explained during the first training session).  | Identify the list of<br>policy gaps and<br>issues which need<br>interventions/actions<br>through<br>policy/guideline<br>formation   |   |
| 4. | Conduct the second brainstorming session with experts of committee to deliberate upon the policy issues identified and prioritized during the first meeting and develop solution framework with action points/ thrust areas (develop the objective tree or policy logics as explained during the first training session) and also set Key Performance Indicators -KPIs to become part of monitoring & evaluation of I&E policy. | Formulate and list set of action points (categorise into long term, mid-term and short term actions points and classify based on resource consumption and time in months or years required to accomplish) along with KPIs to monitor and evaluate the progress. |   |
| 5. | Validate the policy issues identified and listed<br>through the above exercises by interacting with<br>key stakeholders such as student innovators,<br>entrepreneurs, incubation units existing in the  | Stakeholders<br>analysis, validation of<br>action items, and  |   |

1



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|    | campus or in vicinity and develop a consensus on<br>the action points planned for the intervention.<br>Accordingly, conduct the survey or other<br>technique, develop the base line for the Key<br>Performance Indicators (KPIs) as starting point of<br>I&E policy.   | base line survey of<br>KPIs   |  |
|----|--|---|--|
| 6. | Develop the action plan with clearly defined, vision/mission/goal and objectives to achieve in next 3 year or 5-year with set of activities/programs that you plan to conduct and the KPIs to measure it, the baseline value and fix realistic target for 3 or 5 year to achieve, annual targets, biannual milestones for each KPIs identified. (above can be prepared in Gantt chart).  | Develop the Gantt<br>chart with list of<br>program/ activities<br>(long term, mid-term<br>and short term) and<br>timeline, KPIs, the<br>base value and<br>targets for each KPIs |  |
| 7. | Drafting of I&E Policy document- While drafting all necessary care should be taken care to avoid copy and pasting and all the action items are designed & planned should follow the SMART principle (Specific, Measureable, Achievable, Realistic, and Timeline). Clarity should be there for resource mobilization strategy for each program/activity planned and adequate emphasis should be given for Monitoring & Evaluation with proper strategy.  HEI may provision and plan for new schemes and programs if required. HEI should explore different avenues of resource mobilization and strategies. | 1st Draft of I&E Policy<br>and Review of the<br>draft.  |  |
| 8. | Preparation of the final draft of I&E policy document, endorsement from committee & due diligence, vetting/approval by board of studies (or) concerned competent authority before implementation.  | Final draft and<br>approval by board of<br>studies  |  |
| 9. | Resource allocation for implementation with Implementation team formation, deployment and implementation of the I&E Policy with clarity in roles and reasonability.  | Resource allocation<br>and Team<br>deployment   |  |
| 10 | Institute may plan to organize orientation session for stakeholders such as students, staff and faculties with active involvement of top leaders of HEI.   | Orientation Session<br>for Stakeholders   |  |
| 11 | Public access of information: Use of Social media, website, portal and other mode to reach out to stakeholders on regular basis.   | Development of<br>webpage and use of<br>social media  |  |
|    | HEI is advised to place the I&E documents and programs and announcements regarding upcoming activities and achievements related to innovation,   | Tag MHRD's<br>Innovation Cell and<br>AICTE, Ministry of   |  |



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| IDD C                                   | Chart and January and in family and a second   | Education in         |  |
|---|--|----------------------|--|
| ı                                       | Start-up/entrepreneurship for the public       | Education in         |  |
| ı                                       | by creating webpage and updating on            | Facebook and twitter |  |
|   | r basis. HEI may also plan to create           |                      |  |
| _                                       | tory of institute originated Innovations, IPR  |                      |  |
| and St                                  | art-ups for public access.                     |                      |  |
|   |  |                      |  |
| It is ad                                | vised that, the webpage should contain at      |                      |  |
|   | elow knowledge documents.                      |                      |  |
|   | · ·  |                      |  |
| i.                                      | Innovation and Start-up policy document of     |                      |  |
|   | the institute                                  |                      |  |
| ii.                                     | NISP document of Ministry of Education's       |                      |  |
| 11.                                     | Innovation Cell.                               |                      |  |
| iii.                                    |  |                      |  |
| 111.                                    | Start-up Policy document of that concern       |                      |  |
|   | State govt.                                    |                      |  |
| iv.                                     | List of pre-incubation and incubation and      |                      |  |
|   | IPR support facilities available for students, |                      |  |
|   | staff and faculty in the campus with point     |                      |  |
|   | of contact and users' guidelines if any.       |                      |  |
| v.                                      | Calendar of activities and highlighting the    |                      |  |
|   | upcoming activities such as idea               |                      |  |
|   | competitions, hackathons, workshops, etc.      |                      |  |
|   | A calendar plan may be developed for the       |                      |  |
|   | academic year 2020-21.                         |                      |  |
| vi.                                     | Upload the list of Regional Ecosystem          |                      |  |
|   | enablers such as incubators, accelerators,     |                      |  |
|   | mentoring agency, Angel funding, Govt.         |                      |  |
|   | agencies with which either institute has       |                      |  |
|   | collaboration or partnership or where          |                      |  |
|   | students can be reached for any guidance       |                      |  |
|   | or support.                                    |                      |  |
| vii.                                    | List of IP support available to students and   |                      |  |
|   | faculty in the institute or in vicinity or     |                      |  |
|   | national level.                                |                      |  |
| viii.                                   | Displaying the achievements of                 |                      |  |
| * | student/faculty/alumni, innovators,            |                      |  |
|   | student/faculty/alumni entrepreneurs, and      |                      |  |
|   | alumni and incubated start-ups in campus       |                      |  |
|   | at the regional, state, national and           |                      |  |
|   | 0 ,  |                      |  |
|   | international in the area of innovation, IPR   |                      |  |
|   | and Start-up.                                  |                      |  |

Following this, a status form will be shared with all the nominated faculty to understand the current status of the initiatives taken by the institute for the NISP implementation. Those have completed the two training sessions conducted so far will shortly receive a certificate in this regard.

In case you have missed attending the training sessions, you may visit the following links:

Training Session 1: <a href="https://www.youtube.com/watch?v=gD4idxmCPfU">https://www.youtube.com/watch?v=gD4idxmCPfU</a>
Training Session 2: <a href="https://www.youtube.com/watch?v=ntGm7GdlUc8">https://www.youtube.com/watch?v=ntGm7GdlUc8</a>

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Presentations of these training sessions are also attached herewith for your reference. For any query reach us at <a href="mailto:startup@aicte-india.org">startup@aicte-india.org</a> or can call us as 011-29581317.

For any specific query please write to Shri Dipan Sahu, Asst. Innovation Director & National Coordinator, NISP, Innovation Cell of Ministry of Education & AICTE.

Thanks & regards.
NISP Implementation Team
Innovation Cell, Ministry of Education
All India Council of Technical Education