

# GOVERNMENT ITI CUTTACK NEWSLETTER

VOLUME –1 ISSUE– July-September 2020

## SAMRUDDHI



### WELCOME TO GOVERNMENT ITI CUTTACK

*Here is Leaders' academia, committed to empower young people to explore the best in themselves and the world around them. The aim is to help them become lifelong learners and problem solvers, empowering them to resolve mental, physical, intellectual and emotional challenges.*

#### INSIGHTS OF SAMRUDDHI

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## ABOUT US

ITI Cuttack is one of the premier institutions of the State of Odisha established in the year 1958 with the focus to impart skill training. It was started with 9 number of trades with 200 students and subsequently expanded to 21 number of trades including COE in Production and Manufacturing with student strength of 2629. Since its inception it has created substantial foot print in producing skilled work force over the last 60 years and is consistently supporting our economy. With the advent of globalization it has become inevitable to produce world class skilled work force to compete with the global market. Keeping pace

with the changing technology, this institution has been trying its best to establish itself as a National Standard Skill Training Institution. Here we want our young women & men to innovate, design and to be inspired by the pathways that open with engineering trades, so that they can use their skills to transform the society. ITI Cuttack leads as an exemplary institution today. We want the best employers of the country to hire from the talented pool of our ITI. Here the trainees are not only exposed to 'Domain Skills' but also 'Life Skills'.

We are proud to inform that ours is the leading institution in Odisha to impart quality

training in various trades. Recently the students of this ITI have bagged 11 medals in Odisha Skill – 2018 & 2 medals in India Skill West & South 2018. Our Government has made efforts in recent past to forge partnership with international TVET like ITE, Singapore which will raise the standard of our state and enhance global prospects. The Physical, Digital, Emotional and Intellectual Infrastructure of this Institution is the best in the country. In order to achieve its mission this institution has excelled in extra ordinary achievements of Infrastructural Development, High Performing TVET System, Design Thinking & Image Building.

## PRINCIPAL'S MESSAGE

I am quite pleased to learn about the forthcoming issue of newsletter **Samruddhi**. Providing ample opportunities in ITI education is one of the most fundamental obligations we owe to our students because we believe that every student deserves high quality education. Nurturing creativity and inspiring in-

novations are two of the key elements for a successful industry-academia collaboration. Through this industry-academia collaboration it is expected that students will be equipped with 21<sup>st</sup> century skills and can be prepared better for industry 4.0. Also the high quality and technology driven solution of industries will help to bridge the gap between theory and practical. Samruddhi provides an intersection of great challenge and opportunity for students as well as staff to review their efforts and to analyse their achievements in research and development.

*"I congratulate my team of faculty members and students for their tireless efforts that has come to fruition in the form of this Newsletter".*



**Dr. Hrusikesh Mohanty**

Principal  
Govt ITI Cuttack



# INNOVATIONS AT ITI CUTTACK



COVID Mass Sample Collection KIOSK



Disinfectant Tunnel



Multi Station Hand Sanitization System



Service Robot "COBOT"  
Surveillance Robot "NIGABOT"



UV Sanitizer Case



Automatic Contactless Sanitizer Dispenser



Contactless Smart Dustbin



Portable UV Disinfection Lamp (Germicidal Hand Held) "VAJRA"



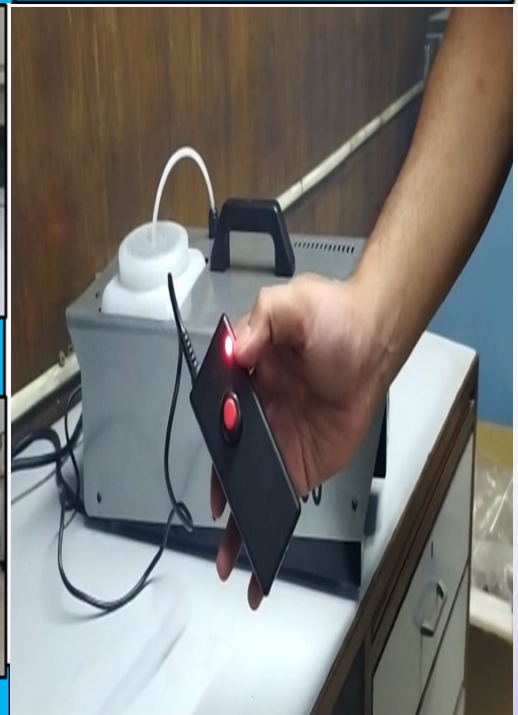
Thermal Gun



Magnetic Stand For COVID 19 Test



Stainless Steel Foot Operated Hand Sanitizer

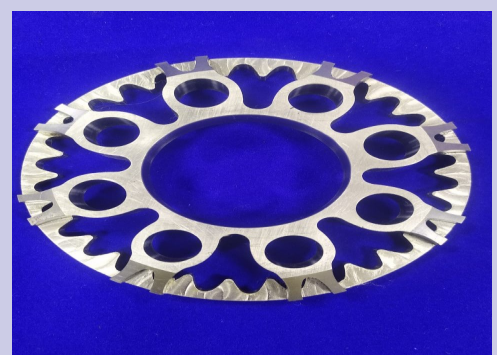


Thermal Fogger

## DRY CLUTCH PRESSURE PLATE

Using Mastercam Software, ITI Cuttack has designed & made this dry clutch pressure plate at mini Tool Room. It applies Pressure to the primary clutch plate.

1. This beautiful pressure plate will fit in motorcycle engine with a dry clutch.
2. It has exquisite finishing for the best possible appearance.
3. Solid construction to help protect clutch.
4. Excellent weight savings.





## INFRASTRUCTURAL DEVELOPMENT

In order to make this institution a world class skill training center, all the theory class rooms have been equipped with necessary teaching related electronics gadgets like Projectors, Internet Connectivity. This institution has smart Class Rooms, advanced IT Labs, Student Academic Management System (SAMS) Lab, STEM Lab, Communication Lab, E-Library, Mini Tool Room, Honda skill Enhancement Center, workshops & cafeteria.



### INTELLECTUAL INFRASTRUCTURE

Trainers and Trainees are introduced to STEM education to face the challenges with the transforming technology. Smart dustbin, Blind man's stick, Automatic traffic light controller, Drone, 3-D printing are some examples of our development.



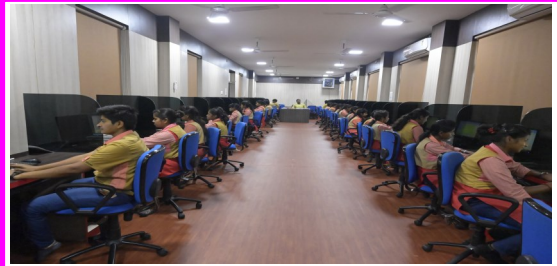
### CIVIL INFRASTRUCTURE

These audio-visual aids of training like presentation and videos fulfil the learning needs of students and make the process more meaningful and interesting.



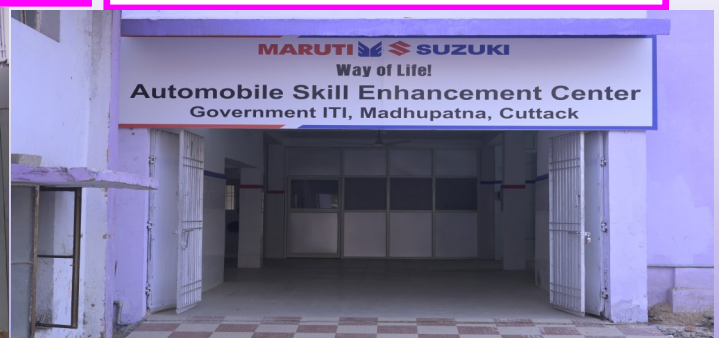
### INTELLECTUAL INFRASTRUCTURE

We focus on imparting industry-oriented long & short-term training programs on Tool Design & Manufacturing, Tool & Die making and Industrial automation etc.



### DIGITAL INFRASTRUCTURE

To cope with the evolving Digital Scenario, our institution is equipped with Wi-Fi enabled campus, biometric attendance, DG locker facilities, website and social media for all students.





## ADVANCED TRAINING & DEVELOPMENT PROGRAM

### WEBINAR

**FRIDAY DEBATE WITH MACHINE MAKER**

**Are our Engineering Faculties Industry Ready?**

Machine Maker Friday Debate  
Brainstorms on how Manufacturing Engagement for Engineering/ Industrial Training Faculties can empower Atmanirbhar Bharat

**Dr. Achintya Choudhury**  
President  
Bharatiya Skill Development University

**Dr. Surendra R Shankapal**  
Pro Vice-Chancellor  
Reva University

**Sanjay Kumar**  
Director Projects  
Directorate General of Training (DGT), MSDE

**Hemant Bhangre**  
Founder Director  
BIZZAT

**Dr. Hrusikesh Mohanty**  
Principal  
Govt. ITI Cuttack

**Probal Sen**  
Managing Director  
Metal Impregnations India

**World Youth Skill Day 2020**  
Webinar on "Industry and Academia Collaboration for 'Atma Nirvar Bharat'"  
Industry and academia come together on Monday discussion

**Shri Rao N N**  
Chief Executive Officer, Skill Development Institute Bhubaneswar

**Shri Abhimanyu Sahu**  
Director -Business Development-Asia Pacific -Access to Energy, Schneider Electric

**Dr. Bijay Kumar Sahu**  
Regional Manager, NRDC, Govt. Of India & WIPRO Technology Innovation centre

**Shri Narendra Kumar Mohapatra**  
Chief Executive Officer, Electronics Council of India

**Shri Rashedi Ranjan Mohapatra**  
Managing Director at South East Asia & India KEMPPi

**Moderator**  
Dr. Hrusikesh Mohanty  
Principal

**13th July 2020 03:00 PM**  
Hosted by  
Government ITI Cuttack

**World Youth Skill Day 2020**  
Webinar On  
Industry 4.0-A Technology Enabler

**Speakers**

**Mr. Sundaram Srinivasan**  
Managing Director, Lincoln Electric (India)

**Mr. Lalpat Yadav**  
General Manager, Sales and Marketing, Lincoln Electric (India)

**Mr. Brajesh Poddar**  
Head Dealer Business, SMC Corporation, India Pvt. Ltd.

**Dr. Bijay Kumar Sahu**  
Regional Manager, NRDC, Govt. Of India & WIPRO Technology Innovation centre

**Moderator**  
Dr. Hrusikesh Mohanty

**Organized by**  
Odisha Skill Development Authority

**Hosted by**  
Government ITI Cuttack

**FRIDAY DEBATE WITH MACHINE MAKER**

**HOSTED BY**  
HARI SHANKER  
Managing Editor | Machine Maker  
<https://qrqo.page.link/r15LL>

**BOOK YOUR SPOT NOW**  
<https://qrqo.page.link/r15LL>

**HUGE STIMULUS & CATALYST FOR ECONOMIC GROWTH**

**ON DEBATE**  
Dr. Hrusikesh Mohanty  
Principal  
Govt. ITI Cuttack

Need of Industry academy collaboration is extremely important from the perspective that together they can systematically work upon research and innovation need. Secondly a system of cross exposure will help the industry - academy eco-system to be complementary. When Academia and Industry collaborate there is a huge stimulus and catalyst for economic growth.

**17th July 2020 04:00 PM**  
+91 703 093 2700

**ALSO ON EXPERT PANEL**

**DR. PRABHAT RANJAN**  
Vice Chancellor  
Orissa International University

**PRAFULLA PATHAK**  
President  
Solar Energy Society of India

**AMAR JHA**  
Managing Director & CEO  
Sulfrate

### IMPROVING ODISHA'S MOBILITY THROUGH TRAINING

Govt. ITI Cuttack has successfully conducted and coordinated 10days OSRTC training programme from 12th August 2020 to 25th August 2020 in association with EICHER, Ashok Leyland, Shankha Dhawani Rasta Surakhya samiti and Tata STRIVE on various topics like:-

1. Behavioural Skills
2. Safety on roads
3. Future requirements of bus transport
4. SOP of E-ticketing
5. Advance technology in automobile sector ( BSIII, BSIV, BSVI )
6. Webinar on E-vehicles

# Govt. ITI Cuttack # OSDA # Skilled in Odisha # OSRTC

**From 12/08/2020 to 25/08/2020**

**Skill Development Training Program for Field staff of Odisha State Road Transport Corporation (OSRTC) & Capital Region Urban Transport (CRUT)**

**ORGANIZED BY**  
DIRECTORATE OF TECHNICAL EDUCATION AND TRAINING (DTET)

**In Collaboration with**  
VOLVO EICHER COMMERCIAL VEHICLE

**CONDUCTED BY**  
GOVERNMENT INDUSTRIAL TRAINING INSTITUTE, CUTTACK

### FACULTY DEVELOPMENT PROGRAM

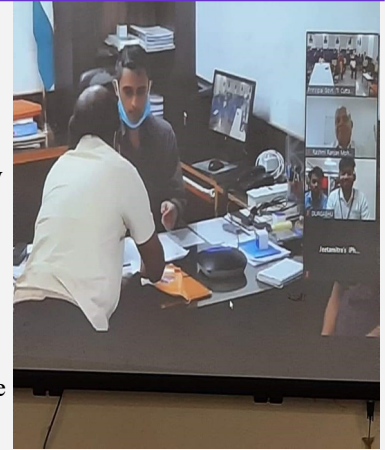
In order to facilitate upgradation of knowledge and skills of faculty members, **Faculty Development Programs (FDP)** was conducted in two phases which comprised of Platform skills and IT Skills . This program had been conducted for 10 days in each phase.



## INDUSTRY CONNECT

### MOU WITH KEMPPPI

Kemppi has signed an MOU with Govt. ITI Cuttack for training and development in Welder trade .The agreement includes the establishment of a welding laboratory. The company will provide assistance in developing the curriculum in accordance with industry standards. In addition, it will undertake to train the students to adopt new equipment and technologies to support the training through web-based tools. “This Institution-Industry agreement will contribute to the development of the youth.”, says Rashmi Mohapatra, the company’s CEO. “School graduates are not ready for work, they need additional training. Any measures to improve the qualification of welders is a huge benefit to the industry ”,he adds.



## PLACEMENT

Campus placement is one of the biggest event in every student’s life. Grabbing a lucrative campus placement offer is a milestone that every student strives hard to achieve. Given the current scenario, those who are prepared and have a fair understanding of what companies are looking for in freshers have higher chances of getting hired through placement drives. In this article, we are highlighting the Companies who have hired virtually.

- ⇒ 48 candidates placed in Mahindra CIE Automotive Ltd., Pune.
- ⇒ 78 candidates placed in Nobel Hygiene Pvt. Ltd., Maharashtra.
- ⇒ 8 female candidates placed in M/s Rising Stars India Mobile Pvt Ltd., Gujarat.
- ⇒ 37 candidates placed in Tata Autocomp GY Batteries Ltd, Pune.
- ⇒ 9 candidates placed in JMS Mining in Madhya Pradesh and Chhattisgarh.
- ⇒ 10 candidates placed in JIO GIGAFIBER in Cuttack and Bhubaneswar.



## NIMI E-LEARNING PLATFORM FOR MOCK TEST

**NIMI Mock Test App** is an Online Mobile **application** used for testing the skills of trainees. Each trainee attends an average of 10 *mock tests everyday* At the end of each test, the scores obtained and the answers are displayed.

To prepare our students for upcoming AITT exams, our faculties are scheduling exams and students are appearing the exams on a time bound basis. Since the beginning of online exams, Govt. ITI Cuttack has been a consistent performer, being top in rank among 49 Government ITIs. Everyday more than 3000 students are appearing these exams. Moreover students are able to clear their doubts after the exams.





## MOBILIZATION

Mobilization is a process for reaching out to different sectors of community and creating awareness in order to focus and address zero vacancy in ITI admission. Govt. ITI Staff members visited Orphan centre of Gatraoutpatna known as Yosoda Sadan. Then they visited to College square and many govt. schools like Nayabazar High school, Bentkar High school and covered around 8 villages of 42 mouja, where they went on door to door campaign. Our team put their efforts in empowering needy people to facilitate the change in their life. The team also educated and inspired those people by announcing, campaigning, engaging local media and distributed leaflets to generate awareness for a technical career, and motivated the prospective students to join ITI.



## ADMISSION- 2020-21

Directorate of Technical Education and Training (DTET), conducted the admission process for various ITI Courses in Odisha. Students aspiring to get admission in Government ITI Cuttack registered through SAMS portal to be eligible for the selection process. Candidate got selected on the basis of his/ her marks in Class 10<sup>th</sup>. ITI courses are available for Class 8<sup>th</sup> and 10<sup>th</sup> pass out and the candidate must choose the courses as per his/ her academic qualification. The admission process was conducted with COVID guidelines. 550 aspirants got selected through Spot Admission process in a single day.



## IMPARTING BRIDGE COURSE & PARENTS ORIENTATION PROGRAM



Industrial Training Institute, Cuttack  
Government of Odisha



### VIRTUAL PARENTS FACULTY CONFERENCE

A virtual meeting conducted to connect with parents of newly admitted students (2020-21) and set them up for success together

#### Highlights of the Program:

- ❖ Welcome speech and declaration of agenda for the meeting
- ❖ Orientation of the new academic year (2020-21) students witnessed by their parents
- ❖ Introduction, achievements and endeavors of ITI Cuttack - presentation through videos
- ❖ One on one communication with interested parents regarding their expectations, online sessions with their importance, support required and other queries with Trade Trainers and Employability Skills Trainers
- ❖ Requisite information shared stating minimum attendance required, course & curriculum, books for reference, uniform (dress code), stipend, hostel accommodation, ITI timings and other similar important points
- ❖ Discussion on how to overcome challenges faced or foreseen by the students during current situation
- ❖ Thanking speech with assurance to maintain the same relationship and support with parents throughout the academia and shared the names and contact details of the respective Trade Trainers and ES Facilitators

#### Participants' Profile:

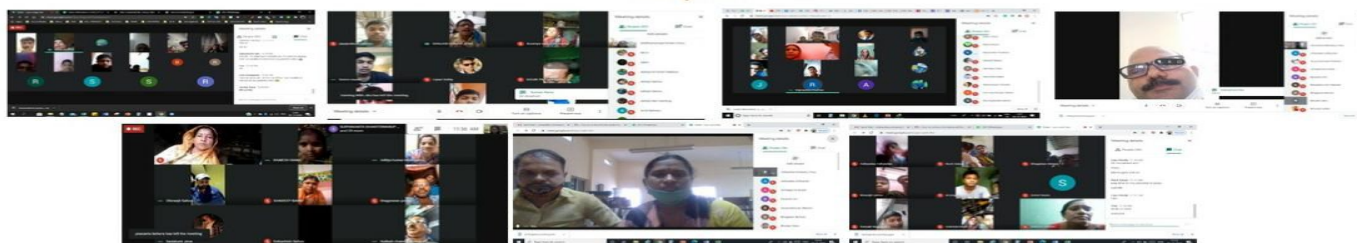
More than 600 trainees along with their parents, Trade Trainers and Employability Skills Facilitators came together to make this event a grand success in first phase.

#### Mode of Interaction:

Virtual conferencing among above mentioned participants through Google Meet Platform.

**Schedules & Duration:** 2 Phases (Morning & Evening) each of 90 Minutes for the convenience of the Parents.

#### Glimpses:





## MEDIA COVERAGE

**କଟକ ଆଇଟିଆଇକୁ ପ୍ରଶଂସା କଲେ ପ୍ରଧାନମନ୍ତ୍ରୀ**

[illegible]

ସ୍ବୟଂକ୍ରିୟ ସାମଗ୍ରୀର ମେସିନ୍ ତିଆରି କଲା ଆଇଟିଆଇ

[illegible]

ପିନ୍‌ଲ୍ୟାଣ୍ଡ କମ୍ପାନୀ ସହିତ ବୁକ୍ତି ସ୍ୱାକ୍ଷର

[illegible]

କରୋନା ଲଢ଼େଇରେ ଖସୁରିଆ ଆଇଟିଆଇ

[illegible][illegible]

କରୋନା ମୁକାବିଲାରେ ଖପୁରିଆ ଆଇଟିଆଇର ଆଉ ଏକ ସଫଳତା

[illegible]

କଟକ ଆଇଟିଆଇର ନୂଆ ଉଦ୍ଭାବନ

[illegible]

ଖପୁରିଆ ଆଇଟିଆଇ ପକ୍ଷରୁ ଫେସ୍‌ସିଲ୍ଡ ମାସ୍କ ବଣ୍ଟନ

କଟକ ଆଇ.ଟି.ଆଇ ଦ୍ଵାରା ସ୍ଵୟଂକ୍ରିୟ ସାନିଟାଇଜର ଯନ୍ତ୍ର ପ୍ରସ୍ତୁତ

[illegible][illegible]

### Khapuria ITI receives accolades from Centre

[illegible]

## Cuttack ITI develops disinfection tunnel

[illegible]

### Khapuria ITI's multi-station

[illegible]

ଆମରିଆମର ନୀତିଶିଳ୍ପ



**କରୋନା ରୋଗୀବାହନ ସେବା**

**ଅନେକ ଦୁର୍ବଳ ଲୋକେ ମୃତ୍ୟୁ**

ଆସାମର ଗୁଆଟୀ ନଗରରେ ଲୋକମାନେ କରୋନା ରୋଗୀବାହନ ଗ୍ରହଣ କରିବା ପାଇଁ ଲାଇନ୍ ଗଠାଇଛନ୍ତି । ଲୋକମାନେ ଏହାକୁ ଗ୍ରହଣ କରିବା ପାଇଁ ଲାଇନ୍ ଗଠାଇଛନ୍ତି ।

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## REACH US THROUGH SOCIAL MEDIA

In order to bring awareness among public and to disseminate our mission and vision of the institution we use different social media such as

⇒ Website: [www.iticuttack.in](http://www.iticuttack.in)

⇒ **Face book:** <https://www.facebook.com/GovernmentITICuttack>

⇒ **Twitter: ITI Cuttack, Link-([https://twitter.com/ITI\\_Cuttack](https://twitter.com/ITI_Cuttack))**

⇒ **WhatsApp: Communication of Internal information**

⇒ **YouTube: ITI Cuttack, Link-**[youtube.com/channel/UC357tI-elImLX2Fm53-5twQ?](https://youtube.com/channel/UC357tI-elImLX2Fm53-5twQ?)





## INSTITUTES/ORGANIZATIONS WE HAVE BEEN ASSOCIATED WITH

As the institution is providing Vocational Skill Training with an aim to produce skill work force having cutting edge skill, it has been associated with many Industries and related Training Organization

- ⇒ Toyota Kirloskar Ltd, - Training Support in automobile Sector.
- ⇒ Maruti Suzuki Ltd, - Training Support in automobile Sector.
- ⇒ Corrosion Protection Pvt. Ltd. – Training Support under Dual System Training.
- ⇒ OPTCL- Training Support under Dual System Training.
- ⇒ Schneider Electric India - Training Support COE in Electrical Sector.
- ⇒ SMAT Education for Furniture - Training Support Furniture Fitting Skill.
- ⇒ SMC Pneumatic Training Support to set up World Class Mechatronic Lab.
- ⇒ TATA MOTORS- providing appropriate training by adopting modern training technique and methodology, infrastructure and facilities.
- ⇒ Tata STRIVE-To impart Soft skill among the trainees by adopting modern training technique and methodology.
- ⇒ Pradeep Port Trust Of India-Training Support Under dual system training.
- ⇒ Central Tool Room and Training System - Training Support for Faculties & Installation of Modern Lab for finishing Skill.
- ⇒ KEMPPI India- Training Support in Advance Welding (COE)
- ⇒ Sciencetech India Pvt. Ltd- Training Support in Advance Electronics (COE)
- ⇒ ESTPL- Establishment of STEM (Science, Technology, Engineering & Mathematics ) Lab
- ⇒ Rashmi Motors- Training Support under Dual System Training
- ⇒ Honda Motorcycle & Scooter India Pvt. Ltd. (HMSI)—Equipped with state of the art of training facilities, center to provide practical training On two wheeler maintenance & repair



## SAFETY & SECURITY MEASURES

- ⇒ We believe in the slogan “Safety is our No. – 1 Priority” as such all measures relating to safety have been made. Fire Extinguisher and sand filled bucket have been installed in each trades of the institute. One safety training camp including use of fire fighting equipment was organized in the premises of the institution by the District Administration for the trainees & staff of the institution.
- ⇒ For smooth management and security point of view the workshop, class rooms and administrative building are under the Surveillance of CCTV. Security guards have been engaged at important points and also in the main gate of the campus. Various measures are also taken to overcome the spread of CORONA Viruses inside campus like temperature check, hand sanitization, sample collection for antigen test, UV Ray Scanning and much more.

