

Raebareli Road, Lucknow www.sgpgims.org.in

Date: 04-06-2022

**Ref.CO PGI/DIR/RC/150/2022.** 

#### **Sanction Order**

Sanjay Gandhi Postgraduate Institute of Medical Sciences has established a Center for Entrepreneurship in MediElectronics and Health Informatics (MedTech CoE) on the Campus, which was inaugurated by Shri Rajeev Chandrashekhar, Minister of IT and Electronics, Government of India, on 18-12-2021.

The primary objectives of establishing MedTech CoE are to stimulate startup growth in the medical equipment/electronics and health informatics sectors and to contribute to the "Make-in-India" and "Digital India" initiatives by reducing healthcare equipment imports and promoting the local production and adoption of healthcare equipment and technology. MedTech CoE has launched two Open Challenge Programs (OCP-1 and OCP-2) in 2021-2022 to invite applications from start-ups, innovators, researchers, resident doctors, and entrepreneurs.

Following a rigorous evaluation process by the esteemed Technical Evaluation Committee, a total of 20 start-ups have been approved for the year 2022-2023. These selected start-ups will be nurtured and initiated at the SGPGIMS-MedTech CEO incubation centre on the Campus.

S. No.	Name of the Start-up	Nature of start-up	Year of commencement	Contact information of the promoters
1	Imagene Innolab LLP	Equipments & devices for medical care and research	2021-2022	Mohit Mahajan info@imagenelab.com www.imagenelab.com
2	Sukrati Medtech Innovations Pvt Itd	Health care technology development	2021-2022	Dhiraj Singh; dheerajpgi@yahoo.co.in www.test.com
3	Manodayam Pvt.Ltd	Online platform for learning and	2021-2022	Sanjay Bhardwaj sanjay@manodayam.co m



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		teaching mental health and research		www.manodayam.com
4	Botsinred Technologies Pvt Ltd	Web development, Graphics designing, Al	2021-2022	Kunal Arora; iamkunal09@gmail.com https://redbotstechnolo gy.com/
5	Logicboots Private Limited	AI powered Robotics solutions for Domestic. Medical & Industrial use	2021-2022	Amit Kumar Singh amitsingh933@gmail.co m www.logicboots.com
6	Yolo e-commerce Pvt.Ltd	Medical equipments, devices & Health Care	2021-2022	Kapish Tiwari shivamtiwarist2121@gm ail.com yoloaio.com
7	Little Machines Pvt Ltd	Medical equipments, devices & Health Care	2021-2022	Dr.jeet Patwary; krishkalita412@gmail.co m
8	Anshika Srivastava	Smart Class AI Based Image Recognition	2021-2022	Anshika Srivstava anshikasrivastva364@g mail.com
9	Sourish Haldar	App based Communication for Patient and Hospital	2021-2022	Sourish Haldar sourish.haldar@jisgroup .org www.jiscollege.ac.in/ece
10	Saharsh Panda	Health Care technology	2021-2022	Saharsh Panda ronakpanda67@gmail.co m
11	workboat media pvt ltd	Health Care services	2021-2022	Amit Kumar; amit28010@gmail.com http://www.upcharr.co m
12	Vyom Smart classes foundation	Integrated health Services including E- health, smart monitoring/tracking services	2021-2022	Kapil Kumar Parashar nityaparashar20@gmail. com www.vyomdigital.org



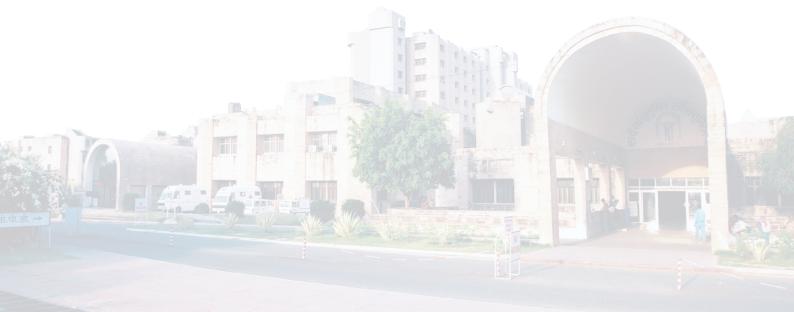
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13	Remedbooks Technologies Pvt.Ltd.	Medical Book: To provide universal health records, accessible by anyone, anywhere confidentially, in a secure environment.	2021-2022	Siddharth Virupakshappa siddharth@remedbooks. com https://www.medicalbooks.in/
14	Arficus Pvt.Ltd	Health Informatics & Artificial Intelligence	2021-2022	Sandeep Sinha sandeep.sinha@arficus.c om https://arficus.com/
15	Dectrocel Healthcare and research	Medical equipments, devices & Health Care	2021-2022	Saumya Shukla saumyashukla19@gmail. com https://aidigitalhealth.co m/

The Institute Congratulates all the selected start-ups for being part of the SGPGIMS Incubation Centre.

Lt Col Varun Bajpai VSM Executive Registrar SGPGIMS,Lucknow

( Lt Con Varun Bajpai ) Executive Registrar



#### **AIC STPINEXT INITIATIVES**

(A company incorporated by Software Technology Parks of India under Section 8 of the Companies Act, 2013)
CIN: U74999DL2018NPL343062



## To Whomsoever It May Concern

MedTech: A Center of Entrepreneurship (CoE) in the field of MediElectronics and Health Informatics is a pioneering initiative established by a consortium comprising Software Technology Parks of India (STPI), SGPGI Lucknow, Department of IT and Electronics, Government of Uttar Pradesh, Association of Indian Medical Device Industry (AiMeD), Andhra Pradesh MedTech Zone (AMTZ), along with Kalam Institute of Health Technology (KIHT). The center was inaugurated by Shri Rajeev Chandrashekhar, Ministry of IT and Electronics, Government of India, on 18-12-2021.

This Center of Excellence aims to foster innovation and entrepreneurship in the domains of MediElectronics and Health Informatics. It conducts Idea Challenge Programs periodically to identify and select innovative startups and entrepreneurs in these fields. Selected startups are provided with incubation opportunities ranging from 3 to 6 months, during which they receive intensive mentorship to deliver time-bound results. Additionally, they participate in Master Classes and Boot camps to enhance their understanding of entrepreneurship fundamentals and develop solutions for identified problems.

Post incubation, selected startups may have the opportunity to join an Acceleration Program for 9 months. This program equips startups with knowledge through various masterclasses on topics such as Go-to-Market strategies, marketing (both traditional and digital), data analysis, sustainable business models, pitching to investors, and scaling their businesses. Moreover, MedTech CoE facilitates fundraising efforts for these startups.

The primary objectives of establishing MedTech are to stimulate startup growth in the medical equipment/electronics and health informatics sectors and to contribute to the "Make-in-India" and "Digital India" initiatives by reducing healthcare equipment imports and promoting the local production and adoption of healthcare equipment and technology. Beyond providing physical infrastructure, the CoE offers access to technocrat and medical practitioner mentorship, mentorship programs, and venture capital funding opportunities.

In addition to its physical infrastructure, the MedTech CoE at SGPGI Lucknow boasts two dedicated labs equipped with high-end testing equipment. Startups also have access to technocrat and medical practitioner mentorship, mentorship programs, VC funding, legal support, intellectual property rights (IPR) assistance, and access to 21+ domain-specific Centers of Excellence across India.

The vision for MedTech Center of Entrepreneurship (CoE) is ambitious yet focused: to nurture and support the growth of 50 startups within a span of 5 years. This vision encapsulates a strategic roadmap aimed at fostering innovation, driving entrepreneurship, and catalyzing the development of the healthcare technology landscape.

As of today, MedTech has launched four open challenge programs (OCP1.0, 2.0, 3.0, 4.0, & 24\*7 application portal) and has successfully on-boarded 31 startups. These startups have collectively generated a total revenue of 2.16 crore, raised 2.97 Cr. external funding; created 151 job opportunities, registered 6 patents and developed 16 products. MedTech CoE have successfully on-boarded 34 mentors across different domains along with collaboration of 15 industry and academic partners.

For further details on the on-boarded startups, please refer enclosed Annexure A.

With regards,

Mr. Shyam Kumar Chief Operating Officer MedTech Center of Entrepreneurship AIC STPINEXT INITIATIVES SGPGIMS Lucknow

### Annexure A

S.	energy and a second	FOUNDER	CONTACT		ON
L	OCP 1.0	NAME	NO	Email Id	BOARDING DATE
1	Vyom Smart classes foundation	Kapil Kumar Parashar	8700929258,	nityaparashar20@gmail.	01.12.2021
2	Remedbooks Technologies (opc)Pvt.Ltd.	Siddharth Virupakshapp a	9886125000,	siddharth@remedbooks.c om	23.09.2021
3	Arficus Pvt.Ltd	Sandeep Sinha	7828168199,	sandeep.sinha@arficus.c	29.10.2021
4	Dectrocel Healthcare and research	Saumya Shukla	9919899933,	saumyashukla19@gmail. com	29.10.2021
6		FOUNDED			
S. L	OCP 2.0	FOUNDER NAME	CONTACT	Email Id	ON BOARDING
1	Medblue Innovations Pvt Ltd	Jitesh Pandey	9990768889,	sendtojitesh@gmail.com	2/2/2023
2	ONELearning Edusphere Pvt Ltd	Khushboo Shrivastava	9717775817,	khushboo.s@onelearning edusphere.com	13-03-2023
3	Imagene Innolab LLP	Mohit Mahajan	9634640888,	info@imagenelab.com	29.03.2022
4	Sukrati Medtech Innovations Pvt ltd	Dhiraj Singh	9415201023,	dheerajpgi@yahoo.co.in	29.03.2022
5	Manodayam Pvt.Ltd	Sanjay Bhardwaj	8882832500,	sanjay@manodayam.co m	17.03.2022
6	Botsinred Technologies Pvt Ltd	Kunal Arora	8860642624,	iamkunal09@gmail.com	14.03.2022
7	Logicboots Private Limited	Amit Kumar Singh	8800845043,	amitsingh933@gmail.co <u>m</u>	14.03.2022
8	Yolo e-commerce Pvt.Ltd	Kapish Tiwari	8726067767,	shivamtiwarist2121@gm ail.com	17.03.2022
9	LittleMachines Pvt Ltd	Dr.jeet Patwary	8638724878,	krishkalita412@gmail.co m	14.03.2022
0	Sourish Haldar	Sourish Haldar	8250395541.	sourish.haldar@jisgroup. org	29.03.2022
1	Anshika Srivastava	Anshika Srivstava	8005346957,	anshikasrivastva364@g mail.com	29.03.2022
2	Saharsh Panda	Saharsh Panda	7751856714,	ronakpanda67@gmail.co	29.03.2022
1 3	workboat media pvt ltd	Amit Kumar	7607777883,	amit28010@gmail.com	13.04.2022
S. L	OCP 3.0	FOUNDER NAME	CONTACT	Email Id	ON BOARDING DATE
1	Inframedtech Pvt Ltd	kamal sehgal	9650413311	kamal.sehgal@inframedt ech.com	10/1/2023
2	pulmocare Medical System	K.R.Ramakris hnan	9415024380	pulmocareinc@gmail.co m	10/1/2023



3	ANAD Health Care Pvt Ltd	Dr. Ashish kanojia	9451982660	reverseinnovations@gma il.com	6/12/2023
4	Dr Ayush Singh	Dr Ayush Singh	8336861643	drayushsingh1994@gmai l.com	10/1/2023
5	Jya Infotech	Siddharth Gupta	7798073899	jyainfottech@gmail.com	10/1/2023
6	Blood51 Healthcare Pvt	Dr Keerthan S Kumar	9886100651	keerthan@blood51.com	25/04/2023
7	Machenn Innovation Pvt Ltd	Vishnu T U	8903772381	machenideas@gmail.co m	25/04/2023
8	Dr. Amit Keshri	Dr. Amit Keshri	7275721669	amitkeshri2000@yahoo.	25/04/2023
7/	MOVED BOYEST		GY Y	377.67 05.93	
S. L	OCP 4.0	FOUNDER NAME	CONTACT	Email Id	ON BOARDING DATE
1	Arshved Pvt Ltd	Sandhya Srivastava	8090001585	sandhya.srmgpc@gmail. com	27/10/2023
2	Amrit Medtech Pvt Ltd	Dr Amrit Dixit	7000619350	amritdixit108@gmail.co m	27/10/2023
3	Softmation Pvt Ltd	Dinesh Gupta	7393998979	dinesh.gupta413@gmail.	2/11/2023
4	Medongle innovation Pvt Ltd	Faiz Abbas	8953624606	abbasabidi31@gmail.co m	In process
5	Flexi innovation	Rohit Kumar	9450275752/9 614142622	rohitkumar20@iitk.ac.in	In process
6	Sangrah Innovation Pvt Ltd	Rahul Dixit	9411655982	sangrahinnovations@gm ail.com	In process
7	ADRC Life science	Dr. R.sukirtha	9751323901	adrc1820@gmail.com	2/12/2023
8	Kriti Labs Pvt Ltd	Rajaram	9108051490	madhusoodhanan.r@kriti labs.com	2/12/2023
9	Soundlear Pvt Ltd	Sourabh kumar	8964941320	sk09820@gmail.com	2/12/2023
20	at 20.01 gmadinynn				
S. L	24*7 Application	FOUNDER NAME	CONTACT	Email Id	ON BOARDING DATE
1	Miimansa Al Pvt Ltd	Vibhu Agarwal	9335232034	vibhu@miimansa.com	In process
2	MEDCAB	SNEHA CHAUHAN	7311169992	snehachauhan@medcab.i	In process





Phones: (0522) 2668004-008, 700, 800, 900

Fax : (0522) 2668017, 2668129

### संजय गाँधी स्नातकोत्तर आयुर्विज्ञान संस्थान, लखनऊ Sanjay Gandhi Postgraduate Institute of Medical Sciences

Raebareli Road, Lucknow-226 014 (India)

No. 527/ PGI/DIR/DC/2020 File RSD No.2780/18 Dated: 6th August, 2020

#### Office Order

The Ministry of Electronics & Information Technology (MeitY), Government of India,has approved the project titled Setting up of Medi-Electronics & Health Informatics Centre of Excellence (CoE) at Lucknow, to be implemented by Software Technology Parks of India (STPI) in partnership with SGPGIMS, Lucknow vide letter No.MeitY/Innovation/15(12)/2019 dated 27<sup>th</sup> September, 2019 at a total estimated outlay of Rs.22 crore including contribution of Government of Uttar Pradesh of Rs.10 crore, contribution of Andhra Pradesh MedTech Zone (AMTZ) of Rs. 6 crore, contribution by implementing agency STPI of Rs. 3 crore and MeitY's contribution of Rs.3 crore as grants-in-aid, over a period of five years. The Government of Uttar Pradesh, vide its letter dated 7<sup>th</sup> January, 2020 has also granted permission for setting up Medi-Electronics & Health Informatics Centre of Excellence (CoE) at SGPGIMS, Lucknow through STPI.

The Software Technology Parks of India (STPI), an autonomous body under the Ministry of Electronics & Information Technology (MeitY), Govt. of India, and the Sanjay Gandhi Post Graduate Institute of Medical Sciences (PGI), Lucknow, along with Department of IT and Electronics, Govt of UP have signed an MoU on 20th May, 2020 for setting up a medical electronics & health informatics centre of excellence (CoE) in Lucknow.

This centre will stimulate the establishment and growth of technology-based start-ups in medical electronics and health informatics by providing state-of-the-art infrastructure, including world-class laboratories. In addition, the centre will offer mentoring, marketing and funding, thus creating an ecosystem essential for the success of the start-ups. According to the core objective of the CoE, the objective is to strengthen domestic capability for manufacturing reliable and affordable medical electronics products and providing services, thereby, reducing dependence on imports. It will also contribute to the vision of flagship government programmes such as Make in India, Digital India and Start-up India.

The participating parties have a keen interest and have come together through this MoU to create an ecosystem at SGPGI, Lucknow to give impetus to research, technology development, product development, technology incubation and entrepreneurship in medical equipment/electronics health informatics and other healthcare areas.

The CoE has been mandated to come upon the SGPGI campus with a built-up space of 15,000 to 20,000 sq ft. in the New Library building of SGPGI. This centre will leverage the deep research capabilities of SGPGI in different areas of medical along with biostatistics and health informatics. There will also be seamless access to clinical trials of medical innovations. SGPGI & STPI will play a crucial role in providing robust infrastructure, industry connect as well as funding. The field experts of SGPGI will act as mentors for these start-ups and innovators.

As per terms and conditions of MoU signed on 20th May, 2020 with Software Technology Parks of India (STPI), total built-up space of 15,000 sq. ft. on the 3rd floor of the New Library building of SGPGIMS is hereby provided to Software Technology Parks of India (STPI) on the following terms and conditions:

(i) The scope of work and collaboration will be strictly as per MoU signed on 20th May, 2020. The terms and conditions of MoU shall be bindings.

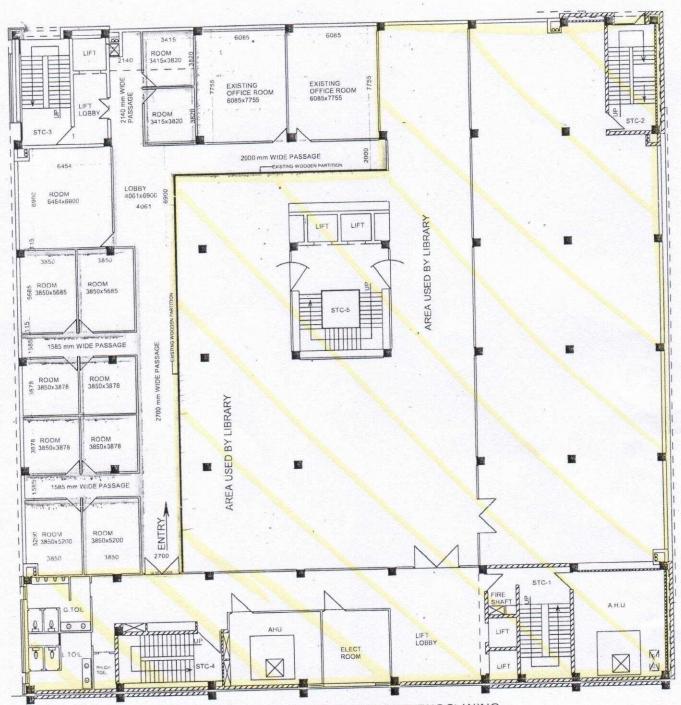
- (ii) The scope of this agreement will be for a period of five years from the date of handing over of built up space. Handing over should be in writing amongst authorized representatives of all Participants.
- (iii) Executive Engineer (Civil) will hand over total built-up space of 15,000 sq. ft.
- (iv) STPI shall bear and pay the electricity and other utility charges as per rules of the Institute applicable from time to time on actual consumption basis.
- (v) No alteration/modification in the space provided to STPI will be allowed without prior approval of the Director, SGPGI, Lucknow, in writing.
- (vi) The STPI shall be entitled to use the space provided for the purpose as mentioned in MoU. The STPI shall not use the space provided by the Institute for any other business or activity, failing which penalty shall be imposed, either financial or otherwise, as decided by the Director, SGPGI, Lucknow, which shall be binding on STPI.
- (vii) The STPI shall not allow any unauthorised person in that area. This is mandatory for the purpose of security of the property of the Institute and its hospital activities.
- (viii) The decisions of the Governing Body of the SGPGIMS, Lucknow taken from time to time with respect to MoU and its activities carried out in this regard by the STPI, shall be binding.
- (ix) Any directions issued by the Government of Uttar Pradesh shall have to be complied.
- (x) Heavy weight machines/ equipment if to be installed by the STPI that shall be allowed only after assessing of bearing capacity of building by the Institute Engineers or consultant engineers.
- (xi) The STPI shall ensure provision regarding restriction of noise pollution/ environmental clearance.
- (xii) The STPI shall intimate details of their staff to the Chairman, Security committee of the Institute and obtainappropriate passes.
- (xiii) The STPI shall have no right to assign, transfer or sublet the space provided to it to any other firm/ business house.
- (xiv) STPI shall be liable for any damage causedby STPI or its personnel to any person or property of the Institute in running the services and will indemnify the Institute for all such damages, quantum whereof, as determined by the Director, SGPGI, Lucknow.
- (xv) The STPI shall keep the premises and surrounding area clear and clean at all the time.
- (xvi) On expiry of the tenure of agreement or on termination of agreement, the STPI will be required to hand over the space provided within fifteen days.
- (xvii) STPI shall comply all the provisions of Law and shall adhere the directions / orders issued by the State Government of UP and its Authorities.
- (xviii) The Courts at Lucknow shall have exclusive jurisdiction in all matters arising out of this agreement.

(PROF. R.K. DHIMAN) DIRECTOR

#### Copy forwarded for information & necessary action to :-

- Sri Praveen Kumar Dwivedi, Joint Director, Software Technology Parks of India (STPI), STP Complex, Adjacent Gomti Barrage, Gomti Nagar, Lucknow-226 010. with a copy of drawing for area to handover to STPI.
- Additional Chief Secretary, Medical Education Govt of Up Lucknow.
- Deputy Director Ministry of Electronics & Information Technology, Govt of Indian, New Delhi-110003.
- 4. Prof V.A. Saraswat, HOD-Gastroenterology, SGPGIMS Lko and member Governing council.
- Prof. A.K. Baronia, HOD-CCM and member PMG, SGPGIMS, Lko.
- Prof. Shantanu Pandey, Deptt. of CVTSand member PMG, SGPGIMS, Lko.
- 7. Prof. Devendra Gupta, Deptt. of Anaesthesiology and member PMG
- Additional Director, SGPGIMS.
- 9. Faculty In-charge Engineering, SGPGIMS, Lko.
- 10. Faculty In-charge Research, SGPGIMS, Lko
- 11. Executive Engineer (Civil) SGPGIMS, Lko
- 12. Executive Engineer (Electrical) SGPGIMS, Lko
- Finance Officer, SGPGIMSand member Governing Council.
- 14. Estate Officer, SGPGIMS, Lko.
- Office Order file.

(PROF. R.K. DHIMAN) DIRECTOR



PART PLAN OF NEW LIBRARY BUILDING AT THIRD FLOOR FOR ENGG. WING



AREA PROPOSED TO HAND OVER TO "SOFTWARE TECHNOLOGY PARKS OF INDIA" At 3rd Floor - BUILT-UP AREA IS 15000 SOFT.



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#### **Innovation and Entrepreneurship Ecosystem**

**SGPGI-STPI-MedTech CoE Inauguration** 





Hon'ble Minister for State & Information Technology and Skill Development & Entrepreneurship, Government of India, Sri Rajeev Chandrashekar, Hon'ble Minister of Legislative, Justice & Rural Engineering Service, Government of UP, Sri Brajesh Pathak, and Prof. R K Dhiman, Director SGPGIMS inaugurating the SGPGIMS-STPI-MedTech-CoE at the SGPGIMS Campus on 18th December 2021.

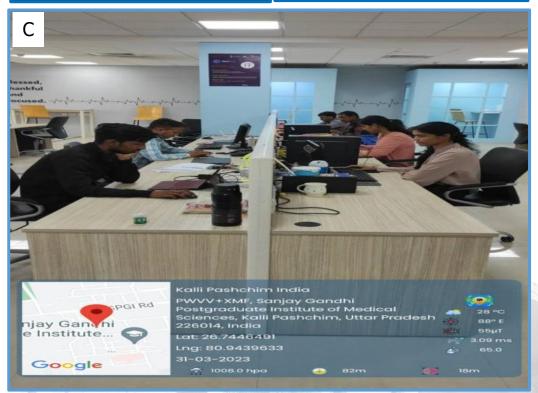


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#### **MedTech Center of Entrepreneurship (CoE)**





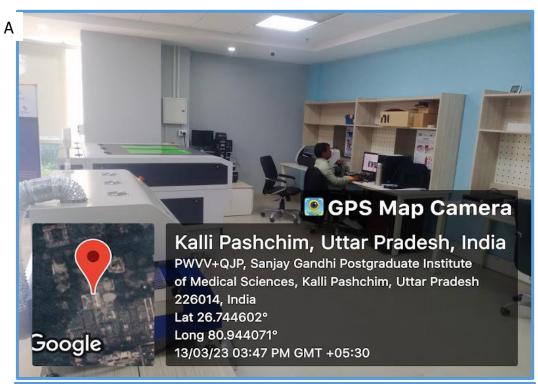


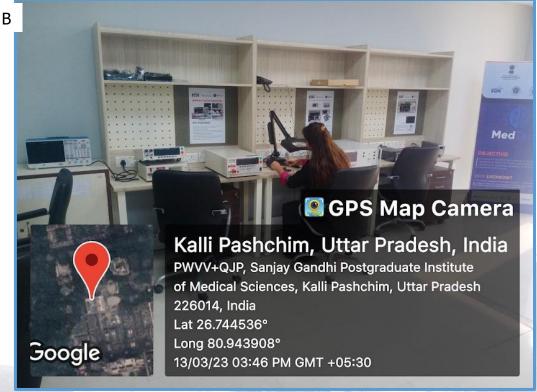
(A) Entrance; (B) Reception; (C) Office



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### **MedTech CoE Equipment Facility**





(A) Acrylic Cutter Laser Machine (B) Leak Current Tester



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### **Other Equipments**



(A) 3d Printer (B) PCB Soldering Machine (C) Serial Triggering and Analysis Applications (D) SMUs for electronic component



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### Visit by Stanford Biodesign team, USA, 2023



Delegation from Stanford Centre for Biodesign, Stanford University and Indus Setu Global Foundation, USA visited MedTech CoE for collaborative opportunities in the field of healthcare and health informatics.





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#### Visit by Director General, STPI, 2023



On 13<sup>th</sup> February 2023, Director General, STPI INDIA, Sh. Arvind Kumar visited the MedTech CoE and reviewed the activities being carried out and interacted with students working in the field of MedTech/Healthcare.



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#### **Participation in Global Investor Summit, 2023**



MedTech CoE participated in the Global Investor Summit organized by Government of Uttar Pradesh from 10-12 February 2023 at Lucknow.



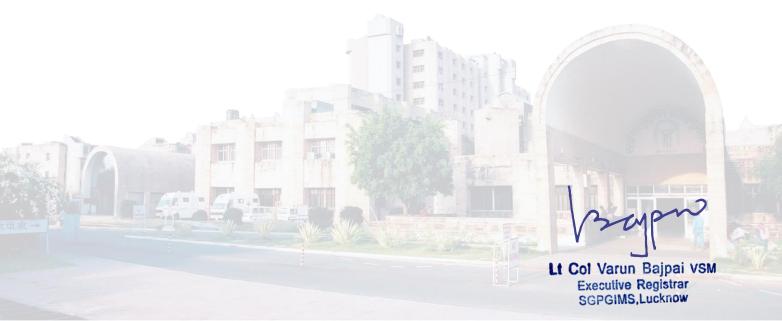


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## Visit by Students of BBD University, Lucknow, 2022



Students and faculty of Babu Banarasi Das (BBD) University, Lucknow, visited the MedTech CoE and gained insights of lab equipments in November 2022 (Equipment Name: Reflow Oven Machine)





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### Visit by Students of BIET, Lucknow, 2022



Students and faculty of Bansal Institute of Engineering and Technology (BIET), Lucknow visited the MedTech CoE and gained insights of lab equipments on 12 September 2022.





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# Delegation from Standford Biodesign, USA meeting with Chief Minister, UP, 2022





Officials of MedTech CoE along with the delegation from Stanford Center for Biodesign-Stanford University and Indus Setu Global Foundation USA met with hon'ble Chief Minister of UP Shri Yogi Adityanath.



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# MoU Between Dectrocel Healthcare and Pulmonary Medicine, 2022



MedTech CoE incubated startup M/s. Dectrocel Healthcare & Research signed an MoU with the Dept. of Pulmonary Medicine, SGPGI





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## Participation in UP Health Technology Summit, 2023





The team of MedTech CoE participated in the UP Health Technology Summit, 2023 held at Lucknow.



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## Launch of Innovative Product for Prevention of Pulmonary Diseases





SGPGI-MedTech COE startup M/S. DECTROCEL HEALTHCARE PVT LTD innovative product for prevention of Pulmonary Diseases was launched by Hon'ble Finance Minister of UP Sh. Suresh Khanna during UP Health Technology Summit 2023



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# Visit by Secretary of Ministry of Information & Technology



Secretary of Ministry of Information & Technology Sri Akhilesh Sharma visited the MedTech Centre of Excellence on 23<sup>rd</sup> 07. 2023 and reviewed the activities being carried out.

