

Date- 09/03/2020

## **A Brief report on “Pharmahacks- 2020: Pharma Hackathon”**



### **About Event :**

<b>Event Name</b>	: Pharmahacks-2020: Pharma Hackathon
<b>Date</b>	: 6 <sup>th</sup> March - 7 <sup>th</sup> march -2020
<b>Venue</b>	: Babaria Institute of Pharmacy, BITS Edu Campus, Vadodara
<b>Duration</b>	: 2 days
<b>Number of Participants</b>	: 336
<b>Convener</b>	: Dr. Vandana B. Patel, Professor & Principal
<b>Coordinator</b>	: Dr. Naazneen Surti, Professor & Vice-Principal
<b>SSIP Coordinator</b>	: Dr. Prachi Pandey, Associate Professor

### **Brief details of Pharmahacks-2020: Pharma Hackathon**

To promote Pharmacy students to explore the solutions of real life problems to cater the needs of the society, the first ever Pharma Hackathon was organized by SSIP Cell of Babaria Institute of Pharmacy, BITS Edu campus, Vadodara on 6<sup>th</sup> -7<sup>th</sup> March, 2020. The event consisted of thirty six hours continuous exploration of a workable solution for the real life problem statements such as management of chronic conditions, Next Generation Pharma Revolution, Alternative therapies for management of diseases etc. Nearly 350 students and mentors from Colleges and Universities all over Gujarat participated in the Pharma Hackathon. The Pharma entrepreneurs, industry experts and eminent academicians from Bharat Parenterals, Comed Chemicals, Vasu research centre, Sun Pharmaceuticals Industries Ltd and Alembic Pharmaceuticals Ltd mentored and evaluated the students. The Pharmacy students and mentors came out with innovative solutions for all the problem statements after continuously working for thirty hours. The creative workable solutions were rewarded with cash prizes and certificates. The winning solutions will be further supported by Institute SSIP cell through mentoring and financial grants for prototype development and IPR filing.

### **About the SSIP Cell of Babaria Institute of Pharmacy**

Babaria Institute of Pharmacy, BITS Edu Campus, Vadodara, Gujarat has always been dedicated for students innovation and startup ecosystem development. To accelerate the innovation and startup of not only students of Campus but also from other Institutes of Gujarat, Babaria Institute of Pharmacy has signed Memorandum of Understanding with Gujarat Knowledge Society-SSIP Gujarat, Govt. of Gujarat in year 2019. Babaria Institute of Pharmacy, BITS Edu Campus has been approved for a financial support of INR 60 lakhs by Gujarat Knowledge Society-SSIP Gujarat, Govt. of Gujarat for a term of three years (20 lakhs per year). Our major objective is to harness creative potential of young minds across all nearby schools and colleges of Gujarat and to encourage students to work on real life problems in projects not only to inculcate the entrepreneurial skill but also to produce the professional entrepreneurs.

SSIP cell primarily facilitates and pre-incubates student's innovative ideas to go through a stage of proof of concept, prototypes, product testing and trials and patent filing to deliver genuine innovative solutions catering to the needs of society. The support is provided in terms of financial grants, preincubation space, facilities, mentoring, patent filing and patent prosecution.

The Institute runs a well established SSIP cell under the expert guidance of Industry Personnels, entrepreneurs, academic experts, IPR experts, Indian patent agents and also alumni entrepreneurs. The Institute SSIP cell is always enthusiastic and eager to support the innovative projects of schools and colleges of Gujarat.

### Pharmahacks-2020: Pharma Hackathon-Schedule

**Venue-Babaria Institute of Pharmacy, BITS Edu campus, Vadodara**

<b>Day-1</b> <b>06/03/2020</b> <b>Friday</b>	08.30 - 09.30	Registration at the Institute
	09.30 - 10.30	Inauguration ( at auditorium of Institute)
	10.30:-13.00	Problem solution work begins and Internal Jury Meeting
	13:00 - 14:00	Lunch Break
	14.00 - 19:30	Problem solution work continues
	19:30 - 20:15	Dinner
	20.15 -21.45	First round of evaluation by Jury (7-10 Mins per team, Individual Industry Trainer/Mentor to Train the Teams)
	21:45 -23:59	Problem solution work resume
<b>Day-2</b> <b>07/03/2020</b> <b>Saturday</b>	00:00 - 00:30	informal tea/coffee break/Break out session
	00.30-08.00	Problem solution work continues
	08:00 - 08:30	Yoga Session
	08:30 - 09:30	Breakfast
	09.30-12.30	Problem solution work continues
	12:30 - 13:30	Lunch break
	13:30 – 14:30	Final Work Session
	14:30	Problem solution Work Stops
	14:30– 16:00	Power Judging (The Final pitch, 7 minutes per team, 4 minutes explanation, 3minutes Q & A)
	16:00 -16:30	Valedictory Session (Certificate Distribution)
	16:30	Departure of Teams

### Guests List

S.No	Name	Designation
1	Shri. S.C Bhatia Chief guest	Director-Comed Chemicals ltd, Vadodara
2	Shri. Bharat Desai Chief Guest	Managing Director-Bharat Parenterals Ltd.Vadodara
3	Shri Nilesh Shukla	President-India SME Forum (Gujarat Chapter)
4	Shri. Nikhil Suthar	OSD-GTU Innovation Council
5	Dr. Krutika Sawant Chief guest	Professor and HOD, Faculty of Pharmacy, M.S University of Baroda
6.	Shri Himanshu Jani Guest of honour	DGM-HR, Alembic Pharmaceuticals Ltd, Vadodara

### External Mentors and Jury List

Sr. No.	Name	Designation
1	Dr. Jolly Parikh	Professor and I/c Principal, A. R. College of Pharmacy, Vallabh Vidyanagar.
2	Dr. Avinash Seth	Professor & Principal, Sumandeep Vidyapeeth,Vadodara
3	Dr. Vimal kumar	Professor and Principal ,ITM School of Pharmacy,Vadodara
4	Dr. Poonam Sachdeva	Associate Professor, A. R. Collge of Pharmacy, Vallabh Vidyanagar
5	Dr.Prashant Murumkar	Assistant Professor, M.S University of Baroda
6	Mr.Brahmand Zampadia	Assistant Manager Q.A.,Bharat Parenterals Ltd,Vadodara
7	Dr. Hardik Soni	Sr.Manager-R & D, Vasu Research Centre,Vadodara
8	Dr. Vinod Burade	Senior General Manager, Pharmacology department , Sun Pharmaceutical Industries Ltd
9	Mr. Samarth kumar	Dy. General Manager- Formulation R & D , Sun Pharmaceutical Industries Ltd, Vadodara
10	Dr. Vivek Patel	Manager- Formulation, Non Oral department, Sun Pharma Advanced Research Company Ltd., Vadodara.



## Day 1: 6<sup>th</sup> March-2020

Day 1 started with inauguration ceremony in the presence of Industrialists and Entrepreneurs Shri Bharat Desai, MD-Bharat Parenterals, Shri. S.C Bhatia, Director-Comed Chemicals Ltd, Vadodara, Shri Nilesh Shukla President-India SME Forum (Gujarat Chapter), Mr. Nikhil Suthar, OSD-GTU Innovation Council, Industrialist Mr. Nikul Trivedi from Asian Lifecare accompanied by Dr. Vandana B. Patel, Convener- & Principal, Babaria Institute of Pharmacy, Dr. Naazneen Surti, Coordinator-Pharmahacks-2020 and Vice -Principal, Dr. Prachi Pandey, SSIP Coordinator, Babaria Institute of Pharmacy, Dr. Pallavi Agarwal, Principal-BIT, Dr. Santosh Shah Director-Innovation, Dr. Heli Shah Dean(R&D) and Mrs. Nirali Rathod, Assistant Registrar, BITS Edu Campus.



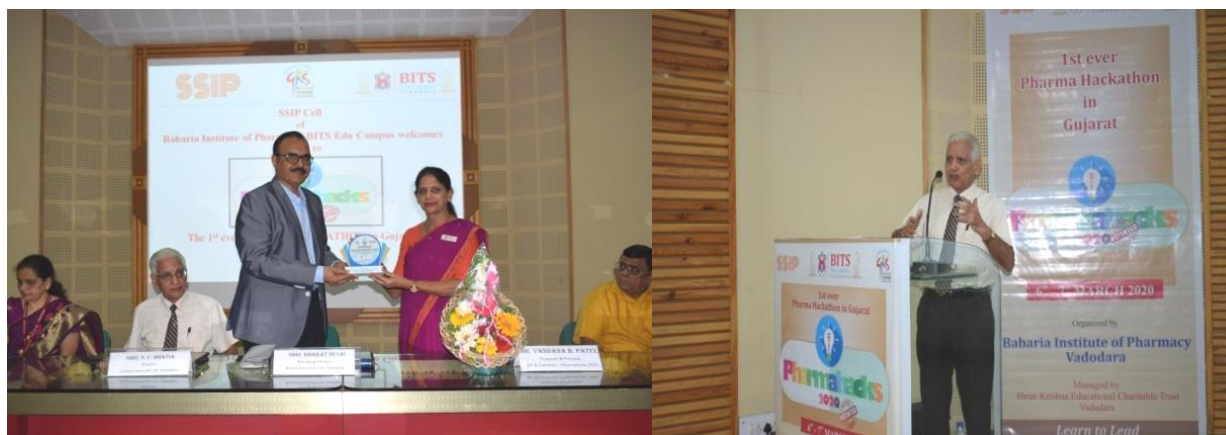
**Inaugural Ceremony with Industrialists, Entrepreneurs, officials of GTU Innovation council along with Principals and SSIP Coordinators of BITS Edu campus, Vadodara**

The Convener, Pharma Hackathon Dr. Vandana B. Patel welcomed the guests and the participants at Babaria Institute of Pharmacy and also motivated the students to participate enthusiastically to explore innovative solutions. The Coordinator-Pharma Hackathon Dr. Naazneen Surti explained the purpose and themes of Pharma Hackathon.

The chief guest of Inaugural ceremony, Shri Bharat Desai, MD-Bharat Parenterals Ltd, Vadodara in his speech, emphasized the importance of innovation and patent filing in Pharmacy and the need of its awareness among students. Another chief guest Shri. S.C Bhatia, Director-Comed Chemicals Ltd, Vadodara advised the participants to understand the need of fundamental knowledge and their applications for value addition in research. Shri Nilesh Shukla President-India SME Forum (Gujarat Chapter) described in his speech about the importance of collaborative research and innovations for conversion of prototypes to startups.



**Audience at Inaugural ceremony of Pharmahacks-2020**



**Felicitation of Shri Bharat Desai, MD-Bharat Parenterals and Mentoring speech by Shri. S.C Bhatia, Director-Comed Chemicals Ltd, Vadodara**





**Speech by Shri Bharat Desai,MD-Bharat Parenterals and Shri Nilesh Shukla President-India SME Forum (Gujarat Chapter)**

After reporting of the teams on 6<sup>th</sup> March, morning, problem solving work started by the participants for the next thirty six hours. The problem statements were Management of chronic diseases, Next generation pharma revolution and alternative therapies for disease management.



**Problem solving work by students and mentors**



**Problem solving work by students and mentors**



**Problem solving work continues...**



**Dinner in cafeteria of BITS Edu Campus**



**Late night Discussion amongst students with refreshment facility**



## Day 2: 7<sup>th</sup> March-2020

The second day started with early morning breakfast and tea. Participants started summarizing their findings in the form of presentation. Power Judging started at 2:45 PM and for the final pitch, 7 minutes of time was given per team, 4 minutes for explanation, 3 minutes for Q & A.



**Early morning research work by students and mentors**



**Jury Round by Industry experts**

### **Details of valedictory function:**

Dr. Krutika Sawant Professor and HOD, Faculty of Pharmacy, M.S University of Baroda congratulated the student participants and mentors for their untiring efforts for exploring the solutions of problem statements and delivered an inspiring speech for maintain the same pace of research in future also. Shri Himanshu Jani, DGM-HR, Alembic Pharmaceuticals Ltd also congratulated the participants for working continuously for thirtysix hour to explore the soltuins of real life pharmaceutical problem statements.

The convener Pharmahacks-2020 Dr. Vandana B. Patel in her speech defined the purpose of inculcating the spirit of innovation in young minds by organizing the event by the SSIP cell of Babaria Institute of Pharmacy. She encouraged the students for their future efforts for innovation

and startups. Dr. Prachi Pandey, SSIP Coordinator summarized the thirty six hours event of Pharma Hackathon and greeted the students for their hard work and persistence. She announced the SSIP mentoring and financial support for prototyping along with IPR filing to all the winning teams



**Valedictory Function with Chief guest Dr. Krutika Sawant Professor and HOD, Faculty of Pharmacy, M.S University of Baroda and Shri Himanshu Jani, DGM-HR, Alembic Pharmaceuticals Ltd**



**Speech of Dr. Krutika Sawant Professor and HOD, Faculty of Pharmacy, M.S University of Baroda**



**Speech of Convener: Pharmahacks-2020, Dr. Vandana B. Patel and facilitation of Shri Himanshu Jani, DGM-HR, Alembic Pharmaceuticals Ltd by Coordinator Pharmahacks-2020 , Dr.Naazneen Surti**

In the valedictory function, cash prizes and certificates were distributed to the winning teams. The winning teams will be provided with SSIP Mentoring and financial support prototyping along with IPR filing.

<b>LIST OF WINNERS</b>			
	<b>FIRST PRIZE</b>	<b>SECOND PRIZE</b>	<b>THIRD PRIZE</b>
TOPIC: Management of chronic diseases	TEAM ID 4	TEAM ID 59	TEAM ID 48
	Jasvantsinh Jadhav	Ssebibubbu Stuart	Dhara Raiyani
	Ajay Bhatiya	Tadiwanashe Allan N.	Maanika Menon
	Harsh Joshi	Covenant Popoola	Ruchita Kadam
	Mansi Parmar	Hafis Kakoza	Nandini Katara
	Viral Bhanushali	Haruna Abdul Ganiyi	Tanvi Banda
Mentor	Dr Rakesh Patel	Dr. Pinkal Patel	Dr. Manisha Lalan
Cash Prizes	Rs 5000/-	Rs 3000/-	Rs 2000/-
Name of College	Parul Institute of Pharmacy,Vadodara	Parul Institute of Pharmacy & Research,Vadodara	Babaria Institute of Pharmacy,BITS Edu Campus ,Vadodara
TOPIC : Next generation pharma revolution	TEAM ID 20	TEAM ID 7	TEAM ID 44
	Zubiya Surti	Jaydev Patel	Shah Varun Ashish
	Priti Chauhan	Dhruvil Gajera	Prince Shah
	Pankti Patel	Kenil Choksi	Jay Chadokiya
	Mansi Patel	Manthan Prajapati	Vatsalkumar Patel
	Khushbu Parikh	Priyanshu Thaker	Hema Boddula
Mentor	Dr. Falgun A. Mehta	Dr. Jitendra Vaghasiya	Dr. M. K. Mohan
Cash Prizes	Rs 5000/-	Rs 3000/-	Rs 2000/-
Name of College	Babaria Institute of Pharmacy, BITS Edu Campus ,Vadodara	Parul Institute of Pharmacy,Vadodara	Parul Institute of Pharmacy & Research,Vadodara
TOPIC :Alternative therapies for disease management	TEAM ID 61	TEAM ID 34	TEAM ID 38
	Mrunal Rahangdale	Kapil Daxini	Mary Jacob
	Jeel Kakasania	Jai Mehta	Krishna Patel
	Zeel Ramaiya	Jaydip Solank	Margi Pandya
	Stuti Padaliya	Neha Pal	Dipiksha Solank
			Hetvi Patel
Mentor	Dr. Meenakshi Patel	Dr. Jigar Vyas	Dr. Ashok Mahajan
Cash Prizes	Rs 5000/-	Rs 3000/-	Rs 2000/-
Name of College	Babaria Institute of Pharmacy, Vadodara	Sigma Institute of Pharmacy, Vadodara	Babaria Institute of Pharmacy, Vadodara





**Prizes distribution to winners of Pharmahacks-2020**



**Prizes distribution to winners of Pharmahacks-2020 and participant feedback**



**Event Summary speech by SSIP Coordinator  
Dr. Prachi Pandey**

**Prize distribution to winners**



**Participants, mentors and jury of Pharmahacks-2020**



**Winners and mentors of Pharmahacks-2020 along with jury and guests**

**Dr. Prachi Pandey**  
Associate Professor &  
SSIP Coordinator

**Dr. Naazneen Surti**  
Professor & Vice Principal  
Coordinator:Pharmahacks-2020

**Dr. Vandana B. Patel**  
Professor & Principal  
Convener:Pharmahacks-2020