#### **Representative Activities Carried out for Fast Paced Learners**

Broad spread activities for the Fast-Paced Learners (FPLs) are carried out at different institutes/departments across the university. Summer fellowship program, Carrier Guidance Activity, Research Publications, Competitive Exam Preparations & Guidance, etc. are few of them.

Few of these activities are collected and compiled herewith as a representation of such all activities which are continuously carried out.

## **Summer Fellowship Program at RPCP**



Rpcp Charusat is with Vishwa Talati and 6 others.

8 June 2019 · 3

#### #SummerFellowshipProgram2019@RPCP

Ultimate meaning of research is to serve society. So the research and development is one of strongest pillar of RPCP.

In summer fellowship program 2019 of RPCP, total 16 students of different pharmacy colleges were participated and they spend total 15 day (90 work hours) in 9 different research areas.

Expert faculties of institute were monitored them regularly and trained them with different sophisticated instrument and unique research methodologies. So that students will choose research as their career options.

Rpcp Charusat #AtCharusat



SUMMER FELLOWSHIP PROGRAM

**Schedule for Students** 

Sr.No.	Faculty Member	Dates Proposed for Training	Research Area Proposed	Maximum Number of students to be allotted
1.	Dr. Manan Raval	27/5/2019 to 8/06/2019	Isolation of phytoconstituents from medicinal plants	03
2.	Dr. Swayamprakash Patel	27/5/2019 to 8/06/2019	Ophthalmic thread: Adherence improvement	03
3.	Dr. Rajedra Kotadiya	27/5/2019 to 8/06/2019	Effect of alcohol on in-vitro dissolution studies of some marketed formulations.	03
4.	Ms. Payal Chauhan	27/5/2019 to 8/06/2019	Analytical studies of polyherbal formulation	03
5.	Mr. Hardik Koria	27/5/2019 to 8/06/2019	<ol> <li>Evaluation of various parameters involved in myocardial injury</li> <li>Evaluation of antidiarrheal activity</li> </ol>	03
6.	Mr. Nikunj Parekh	27/5/2019 to 8/06/2019	Isolation of degradation impurity generated through API and API-excipient force degradation.	03
7.	Mr. Alkesh Patel	27/5/2019 to 8/06/2019	Toxicity studies     according to OECD     guidelines.     Evaluation of memory,     learning, anti-depressant.     Enzyme induction.     Cell culture techniques.	03
8.	Dr. Jagruti Desai	27/5/2019 to 8/06/2019	Formulation development of solid lipid nanoparticles, micelles formulation and NLCs of lipophilic drug.	03
9.	Ms. Jagruti Prajapati	18/06/2018 to 30/06/2018	Novel formulation and its evaluation. (Pre formulation studies)	04

# **Allotment of Students to Summer Fellowship Programme 2018**

The students are requested to confirm the choice by making a sing of this paper placed in Manan Sir's cabin by 30<sup>th</sup> to 3<sup>rd</sup> April. If it is not confirmed, then the allotment will stand cancel. For any further queries regarding Summer Fellowship Program, Students are instructed to contact Dr. Manan Raval.

Sr.No	ID NO.	Name of Student	Assigned Faculty Member
1	14BPH008	Pooja Gori	Dr. Sandip Patel
2	14BPH004	Contractor Darshan	Dr. Mrunali Patel
3	14BPH007	Dharti Patel	Dr. Manan Raval
4			Dr. Manan Raval
5	14BPH069	Wadhwanin chirag	
	14BPH038	Karan Patel	Dr. Mehul Patel
6	15BPH023	Mihir Kachia	Dr.Samir Patel
7	15BPH020	Rahul Hemani	Dr.Sandip Patel
8	15BPH084	Shah Hardi	Dr. Ravish Patel
9	15BPH105	Kanchi Acharya	Dr. Mrunali Patel
10	15BPH081	Yashica Raval	Ms. Avani Chokshi
11	15BPH104	Hemaxi Vyas	Dr. Jalpa Suthar
12	15BPH016	Doshi Mohit	Dr.G ayatri Patel
13	15BPH005	Raxit Bharadia	Dr.Amit Patel
14	15BPH014	Purvi Desai	Dr.R avish Patel
15	15BPH017	Neeel Ghoghari	Dr. Manan Raval
16	15BPH075	Tarnag Patel	DR.MEHUL PATEL
17	15BPH093	Shakih Nidatasmin	Dr. Nilay Solanki
18	15BPH074	Shrina Patel	Ms. Jagruti Prajapati
19	15BPH034	Varun Modh	Ms. Mansi Paradkar
20	15BPH006	Disha Bhojak	Mr.Niraj Vyas
21	15BPH057	Lipisa Patel	Dr.Samir Patel
22	15BPH021	Rashmi Hemani	Dr.Sandip Patel
23	15BPH028	Rahul Lalwani	Dr. Rashmin Patel
24	15BPH069	Mrunali Patel	Dr. Mrunali Patel
25	15BPH097	Rajan Soni	Ms. Avani Chokshi
26	15BPH082	Saiyad Nazia	Dr.Jalpa Suthar
27	15BPH036	Manish Nandpal	Dr. Gayatri Patel
28	15BPH089	Parth Shah	Dr. Amit Patel
29	15BPH088	Parth Shah	Dr. Ravish Patel
30	15BPH037	Baskar Paliwal	Dr. Manan Raval
31	15BPH033	Shrey Mehta	DR.MEHUL PATEL
32	15BPH001	Vaibhav Arya	Dr. Nilay Solanki
33		Sakshi Shah	Dr.Jalpa Suthar
34	15BPH110	Ridhi Solanki	Ms. Mansi Paradkar
35	15BPH092	Saloni Shah	Mr.Niraj Vyas
36	15BPH045	Bhoomi Patel	Dr.Samir Patel
37	15BPH101	Yashashvi Thakkar	Dr. Rashmin Patel
38	15BPH063	Monali Patel	Dr. Mrunali Patel
39	15BPH071	Ridhhi Kamleshbhai Patel	Dr.G ayatri Patel
40	15BPH076	Tejashwari Patel	Ms. Jagruti Prajapati
41	15BPH043	Avani Patel	Dr. Niraj Vyas
42	16BPH014	Princy Dobaria	Dr.Samir Patel
43	16BPH031	Carissa Mendes	Dr. Sandip Patel
44	16BPH013	Divyesh Dobaria	Dr. Rashmin Patel
45	16BPH083	Jinagna Shah	Dr. Mrunali Patel
46	16BPH059	Mehal Patel	Ms. Avani Chokshi
47	16BPH094	Vishwa Talati	Dr. Jalpa Suthar
48	16BPH026	Keny Khatri	Dr. Gayatri Patel
49	16BPH055	Khushbu Patel	Dr. Amit Patel
50	16BPH052	Janvi Patel	Dr. Ravish Patel
51			
	16BPH032	Tatvi Medha	Dr. Manan Raval
52	16BPH016	Karan Gandhi	DR.MEHUL PATEL

53	16BPH093	Jhanvi Soni	Dr. Nilay Solanki
54	16BPH001	Parth Abhangi	Ms. Jagruti Prjapati
55	16BPH008	Priyal Chauhan	Ms. Mansi Paradkar
56	16BPH061	Nensi Patel	Dr. Niraj Vyas
57	16BPH042	Deep Mehta	Dr.Samir Patel
58	16BPH090	Sweta Shah	Dr.Samir Patel
59	16BPH053	Kesha Patel	Dr. Rashmin Patel
60	16BPH074	Vishwa Patel	Dr. Gyatri Patel
61	16BPH030	Nikhil Mehta	Dr. Gyatri Patel
62	16BPH058	Meghana Patel	Dr. Niraj Vyas

## **SUMMER FELLOWSHIP**

Circular/Notice Academic Year 2016-2017

Date: 26/05/2017

Following is the list of allotment of students to faculty members of RPCP for Summer Fellowship Programme - 2017. Students' preferences were considered while allocating them to faculty member

Sr.No	ID No	Student Name	Allocation to Faculty Member	Dates of Programme
1	13BPH047	Patel Kishan	Dr. Samir Patel and Ms.	26/06/2017 to
2	13BPH010	Jaha Miraj	Avani Chokshi	08/07/2017
3	14BPH038	Patel Karan		
4	13BPH082	Shah Priayal		
5	15BPH0104	Vyas Himaxi	Dr. Manan Raval and Ms.	19/06/2016 to
6	15BPH084	Shah Hardi	Kanan Gamit	01/07/2017
7	15BPH023	Kachia Mihir		
8	14BPH069	Wadhwani Chirag		
9	13BPH069	Patel Riddhi	Dr.Mrunali Patel	19/06/2016 to
10	13BPH0006	Desai Rashesh		01/07/2017
11	13BPH078	Purohit Nital		
12	15BPH075	Patel Tarang		
13	14BPH008	Gori Pooja	Dr. Sandip Patel	19/06/2016 to
14	15BPH028	Lalwani Rahul		01/07/2017
15	15BPH074	Patel Shrina		
16	13BPH085	Vadi Kirti		
17	15BPH017	Ghoghari Neel	Ms. Mansi Paradkar	29/05/2017
18	15BPH110	Solanki Riddhi		to
19	15BPH060	Patel Mansi		10/06/2017
20	15BPH016	Doshi Mohit	Ms. Jagruti Parjapati	05/06/2017
21	15BPH020	Hemani Rahul		to
22	15BPH097	Soni Rajan		17/06/2017
23	15BPH021	Hemani Rashmi		

# Activities carried out for FPLs (Representative) at RPCP





Hands-on Training on Cell Culture and Molecular Biology Techniques











Bio-activity guided separation, purification and identification of Phytoconstituents from Medicinal Plants













21

# **Activities for Fast Pace Learners (Representative) at MTIN:**



Fast learners attending group discussion and mock drill on various topics



Workshops organized on topics like research methodology and other curricular topics





Hands on training and panel discussions organized for fast learners.



Health awareness camp from fast pace learners



**Expert sessions for fast pace learners** 

## **Activity for Fast Paced Learners (Representative) at CMPICA**

<b>Event Type:</b>	Workshop	
Topic:	Company Etiquette	
	Mr. Suchit Patel (MBA)	
<b>Resource Person(s):</b>	Head HR,	
	Helios Solutions, Baroda	
<b>Duration:</b>	4 <sup>th</sup> August, 2017 (9:30 am to 3:30 pm)	
Funding from any	None	
Outside Agency:		
Targeted Audience:	MCAL Semester III, M.Sc. (IT) Semester III	
No. of Participants:	130	
Overview of the	Coft Chill Interview Chills Empil Writing Telephonic Etimotte	
<b>Content Covered:</b>	Soft Skill, Interview Skills, Email Writing, Telephonic Etiquette	

## **Brief Details of Workshop: -**

A three-day workshop on "Company Etiquette" was organized on 4<sup>th</sup> Aug at Smt. Chandaben Mohanbhai Patel Institute of Computer Applications (CMPICA), CHARUSAT, Changa to train all the pre-final semester students of CMPICA. Total 126 students participated in the workshop from difference branches like MCA Lateral Semester III, and M.Sc (IT) Semester III. The workshop provided in-depth knowledge on the modules like Soft Skill, Interview Skills, Email Writing, Telephonic Etiquette.

The main goal of this workshop was to prepare the students to empower their interpersonal skill that may be helpful for them to be competitive in their respective field.



<b>Event Type:</b>	Workshop		
Topic:	Developing Interview Skills		
	1. Mr. Vijay Makwana, Asst. Professor, CHARUSAT		
Dagannas Dangan(s).	2. Ms. Krishna Parikh, Asst. Professor, CHARUSAT		
<b>Resource Person(s):</b>	3. Mr. Gaurav Thakkar, Asst. Professor, CHARUSAT		
	4. Mr. Kaushik Trivedi, Asst. Professor, CHARUSAT		
<b>Duration:</b>	14 <sup>th</sup> July 2016 9:10 am to 4:20 pm		
Funding from any	No		
Outside Agency:	NO		
Targeted Audience:	MCA Semester V, M.Sc. IT Semester III, MCAL Semester III		
No. of Participants:	275		
	Professional Communication		
Overview of the	Interview Skill		
<b>Content Covered:</b>	Resume Building		
	Employability Skill		

## **Expert Faculties: -**

- 1. Mr. Vijay Makwana, Asst. Professor, CHARUSAT
- 2. Ms. Krishna Pariskh, Asst. Professor, CHARUSAT
- 3. Mr. Gaurav Thakkar, Asst. Professor, CHARUSAT
- 4. Mr. Kaushik Trivedi, Asst. Professor, CHARUSAT

# **Brief Details of Workshop:-**

Communication is the most vital factor to invade the corporate world. In order to enhance the inter-personal skill of the pre-final semester students, institute has conducted the workshop. Basic idea was emerged by TNP cell and the idea equally backed by respected principal sir and head of the department sir. Cell approached CS department of the university, and Dr. Dave and & Dr. Pandya allotted time and contents of the workshop also. The workshop found very effective and proved much helpful to pre-final semester students.



# FPLs encouraged and mentored for Research/Review Paper Publications and Presentation at Workshops/Conferences (Representative from All Institutes)



International Journal of Scientific Research in Computer Science, Engineering and Information Technology ISSN: 2456-3307 (www.ijsrcseit.com)

doi: https://doi.org/10.32628/CSEIT206541

# Statistical Analysis and Prediction of COVID-19 outbreak in India using Machine Learning

Akshar Patel<sup>1</sup>, Dweepna Garg<sup>2</sup>

1.2Department of Computer Engineering, Devang Patel Institute of Advance Technology and Research (DEPSTAR), Faculty of Technology and Engineering (FTE), Charotar University of Science and Technology (CHARUSAT), Changa, Anand, Gujarat, India







# **CERTIFICATE OF PRESENTATION**

This is to certify that

Nisarg Shah

has presented a paper entitled

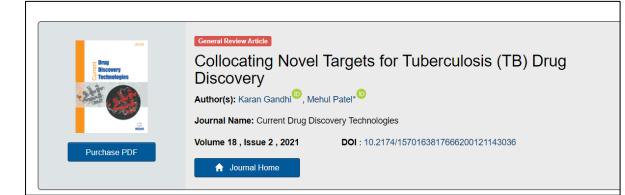
A detailed review of Cloud Security: Issues, Threats & Attacks

in the 4th International Conference on

Electronics, Communication and Aerospace Technology (ICECA - 2020) organised by RVS Technical Campus, Coimbatore, India on 5-7, November 2020.

Session Chair

Dr. S. Smys Conference Chair Dr. Y. Robinson Director, RVS Technical Campus



# Cloud Security: Issues, Threats & Attacks

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Abstract-Cloud computing is an on-demand delivery of services in which applications and infrastructure are allocated to users as metered services over networks. Cloud computing services are much cheaper as the user does not have to setup any computing hardware support. It is an emerging technology that has been delivering computing services such as online business applications, data storage over the Internet. Implementing cloud enables a distributed working environment, reduces expenditure of the organization, provides data and information security and so on. As many organizations are adopting cloud computing, attackers exploit the cloud to obtain unauthorized control to the valuable data stored in it. Evolution of traditional computing to cloud has led to many security challenges for both customers and service providers. Different types of services are provided by trusted cloud providers over the Internet using many technologies which arises different security threats. This paper discusses about cloud security issues, threats and related attacks.

Keywords—Cloud Computing, Security, Threats, Attacks

I. INTRODUCTION

#### Nisarg Shah

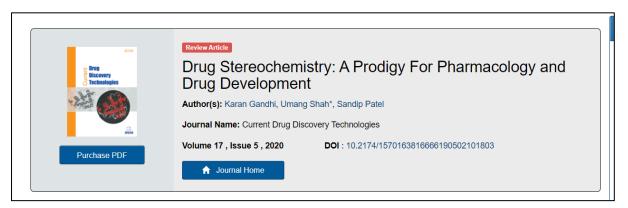
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model. It provides a professional model for on demand computing services that is focused on cost-as-you-go method, that is customers can choose any resources which are needed. In a virtualized manner, they provide a massive amount of computing power by the integration of all the computing resources in a single physical system [2].

Some security loopholes in cloud computing are still a demanding issue in cloud environment. As several businesses accept cloud technology, cloud computing is rising day by day, but it poses many security challenges at the same time. Many enterprises hesitate to handover their sensitive information to cloud environment as many risks are associated with it. Several distinct threats are introduced to the privacy and security of cloud services due to the usage of virtual machine. Another issue is data migration over the Internet. The concept of multitenancy is used for sharing cloud resources among multiple users. This idea is an obstacle to the development of a fully safe architecture. The cloud provider is hesitant to incorporate security monitoring or intrusion detection and prevention systems due to transparency problems [21].





# **Expert Sessions for FPLs (Representative Summary – CSPIT\_Mechanical Engineering)**

# Academic Year 2016-2017

Name of the capability enhancement scheme	Date of implementation (DD-MMM-YYYY)	Number of students enrolled	Name of the agencies/consultants involved with contact details (if any)
Soft skill development- Guidance for competitive	· · ·		Horizon Careers Contact: Mr.Harshil
examinations	11-Oct-2016	56	Patel,02692-238190
Language and communication skills		-	
Life skills (Yoga, physical fitness, health and			
hygience)	10-Oct-2016	72	Mechanical Department, CSPIT
Life skills (Yoga, physical fitness, health and			
hygience)	04-Feb-2017	62	Mechanical Department, CSPIT
Awareness of trends in technology			
Workshop on "Recent Trends In Advanced	15/02/2017		
Nanomaterial's: Synthesis And Characterization"	to 16/02/2017	68	GUJCOST
Workshop on "Autodesk Fusion 360"	03-Apr-2017	145	Department/ Institute
workshop on "safety Engineering"	04-Aug-2017	26	Department/ Institute
Workshop on "Robotics"	20/03/2017	310	Department/ Institute

## Academic Year 2017-2018

	Date of implementation	Number of students	Name of the agencies/consultants involved
Name of the capability enhancement scheme	(DD-MMM-YYYY)	enrolled	Name of the agencies/consultants involved with contact details (if any)
Soft skill development- Guidance for competitive	(DD NIMINI 1111)		Horizon Careers Contact: Mr.Harshil
examinations	11-Oct-2017	125	Patel,02692-238190
Guidaance and Aptitude Classes for competitive			
examinations	08-Feb-2018	102	ICE GATE
Language and communication skills			
Life skills (Yoga, physical fitness, health and hygience)	13-Jan-2018	16	Mechanical Department, CSPIT
Awareness of trends in technology			
STTP on			
"Metal Casting: Science, Engineering and Technological	01/05/2017		
Perspectives (MCSET)"	to 06/05/2017	18	Materials Research Society of India (MRSI)
Seminar on "Creo"	24/07/2017	124	Department/ Institute
Seminar on "IPR & Patent Issues"	14/10/2017	68	None
"Introduction to Oil & Gas Sector and Opportunities			
Available"	4/8/2017	45	None
workshop on "Digitalization of Manufacturing" (3D			
printing)	06-Feb-2018		
workshop on "computer aided design and modeling"	23-Mar-2018		
	05-Apr-2018 to 06-		
workshop on "Know Your Vehicle"	Apr-2018		
How to improve learning Capabilities in Slow Learner.			
(Poster presentation)	13-Jan-2018		
Soft skill development- Guidance for competitive	11.0-4.2016	56	Horizon Careers Contact: Mr.Harshil
examinations	11-Oct-2016	56	Patel,02692-238190
Language and communication skills			
Life skills (Yoga, physical fitness, health and hygience)	10-Oct-2016	72	Mechanical Department, CSPIT
Life skills (Yoga, physical fitness, health and hygience)	04-Feb-2017	62	Mechanical Department, CSPIT

#### Academic Year 2018-2019

Name of the capability enhancement	Date of implementation	Number of	Name of the agencies/consultants involved with contact
scheme	(DD-MMM-YYYY)	students enrolled	
			SI VISA CONSULTING PVT LTD(SEMINAR ON "STUDY
Guidance For Competitive Examinations	11-Oct-2018	41	IN EUROPE")
A Workshop On "How To Write An			
Effectieve Sop"	27-Sep-2018	40	
Aptitude Test	05-Feb-2019	125	I.C.E GATE
	09-Feb-2019	140	HORIZON CAREERS
Career Counselling For Placement	20-Mar-2019	35	ENDEVEOUR
A Seminar- Carrier Guidence Seminar	07-Aug-2018	31	I.C.E GATE
			DARSHAN SHAH (RESUME BUILDING & LINKEDIN
Soft Skill Development	30-Jul-2018	240	PROFILE MAKEOVER SEMINAR)
A Seminar For Foreign Education /			
	31-Jul-2018	158	ENDEAVOR
	31-May-2019	125	ENDEAVOR
Life Skills (Yoga, Physical Fitness, Health			
And Hygience)	13-Aug-2018	86	Ushma Badhir Secondary School, Kheda, Nadiad.
Life Skills (Yoga, Physical Fitness, Health	12 5 1 2010		A L ' LD
And Hygience)	13-Feb-2019	45	Mechanical Department, CSPIT
Personal Counselling	2018 10	500	PROFESSORS OF MECHANICAL ENGINEERING
Awareness Of Trends In Technology -	2018-19	300	DEPARTMENT, CSPIT, CHARUSAT.
One Day Workshop On Ansys By			
Khodiyar	29-Mar-2019	28	KHODIYAR CAD CENTRE
Workshop On "Solidworks"	19-Jul-2018 - 20-Jul-2018	20	A.M.INFOTECH
Workshop On "Research Trends In	19-541-2010 - 20-541-2010		Third of Eco
Renewable Energy Sources"	19-Jul-2018 - 20-Jul-2018		CSPIT.CHARUSAT
Workshop On "Fusion 360"	04-Aug-2018		KHODIYAR CAD CENTRE
Workshop On Fusion 360	30/03/2019		None
Workshop On Solidworks Advanced	19/09/2019		None
One Day Workshop On Ansys	29/03/2019		KHODIYAR cad center vvnagar
Workshop On "Resume Building, Gd, Pi"	4/12/2019 toi 6/12/2019		IMS vvnagar

# **Encouragement and Preparation for Competitive Exam**



**Program Arranged for GPAT Examinations** 

Sr. No	Academic Year	Qualifying Exam	Name of student	Registration no
1	2016-17		Patel Mitkumar Manharbhai	4400107403
2	2016-17		Jash Kavya Sidharth	4400132846
3	2016-17	GPAT	Bhuva Parth Ashvinbhai	4400107410
4	2016-17	GPAT	Gandhi Pallav Mohitbhai	4400107398
5	2016-17		Patel Kishan Baldev	4400113818
6	2016-17		Romansha Anil Beri	4400112105
7	2016-17		Patel Chintankumar Kamleshbhai	237624
8	2016-17		Patel Honeyben Pareshbhai	220815
9	2016-17	IELET	Joshi Ayushi Manishbhai	220205
10	2016-17		Patel Hiteshree Umeshbhai	237541
11	2016-17		Patel Namrata Rakeshkumar	225617
12	2016-17		Pathak Pankti Jigesh	220257
13	2016-17		Patel Priya Dipakkumar	237506
14	2016-17		Shah Umang Unnat	226932
15	2016-17		Vivek D Patel	322274
16	2016-17	GRE	Krupali V Patel	622705
17	2016-17		Rinkal H Sura	5610228
18	2016-17		Patel Vivek D	29889687
19	2016-17	TOEFL	Rinkal H Sura	29871558
20	2016-17		Krupali V Patel	29910011
21	2016-17	NMAT	Rahul Anilkumar Rohera	27801067
22	2016-17	SNAP	Rahul Anilkumar Rohera 170107571	

Representative summary of students qualified various competitive / aptitude test from  $\ensuremath{\mathsf{RPCP}}$