Key Indicator 3.2 - Innovation Ecosystem

METRIC NO.:- 3.2.2.1

Consolidated list of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during 2019-20

Sr. No.	Name of the workshop/ seminar/conference	No. of Participants	Date of Conduct	Page No.
01	Workshop on Hands on training on Molecular Docking	135	14-09-2019	3-5
02	Seminar "Research Grant Proposal: Avenues and Approaches"	45	17/10/2019 - 17/10/2019	6-11
03	Workshop on Surgical and Laboratory Techniques in Preclinical Pharmacology	60	22-11-2019 - 23/11/2019	12-14
04	Workshop on CADD	63	12-03-2020	15-18
05	Online Workshop on CADD	1270	1/05/2020 - 1/05/2020	19-22
06	Webinar on Entrepreneurship	17	20/5/2020 - 20/5/2020	23-26

<u>AY 2019-20</u>

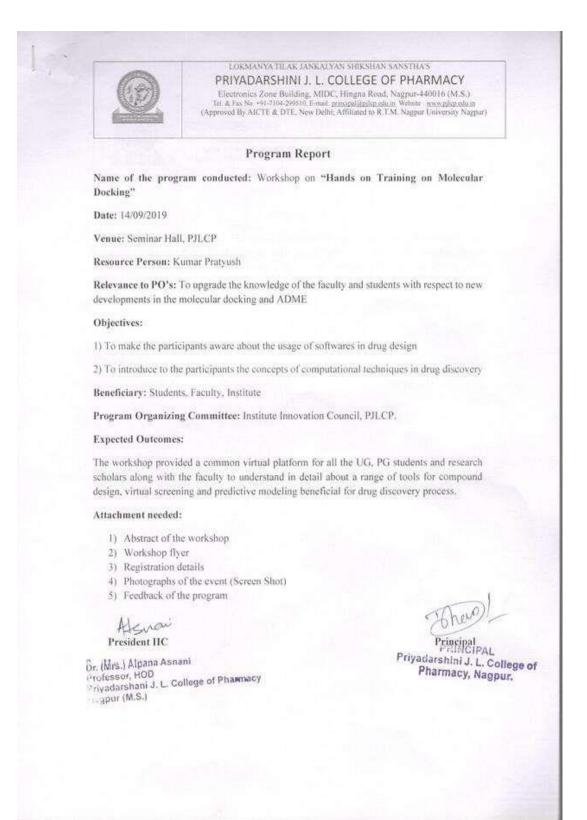
Priyadarshini J. l. College of Pharmacy, Nagpur, Maharashtra, India

Sign of Principal

PROOFS OF 2019-20

Certified Document from page no.01 to 25

1. Event Report: Hands on Training on Molecular Docking.





LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHA'S PRIYADARSHINI J. L. COLLEGE OF PHARMACY

Electronics Zone Building, MIDC, Hingna Road, Nagpur-440016 (M.S.) Tel & Fax No. +91.7104.200310. E-mail. <u>principlicrodum</u> Website: <u>www.pilcn.edu.m</u> (Approved By AICTE & DTE, New Delbi; Affiliated to R.T.M. Nagpur University Nagpur)

NOTICE

All the students of B. Pharm, M. Pharm and Research Scholars as well as the faculty members are hereby informed that a Workshop on "Hands on Training on Molecular Docking" will be organized by Institute Innovation Council in Seminar Hall on 14th September, 2019 at 11:0 a.m All should attend the same.

Alsnai President IIC

ofessor, HOD oyadarshani J. L. College of Phawnacy Nagpur (M.S.)



Mrs K P Upadhye presenting Certificate of Appreciation to Kumar Pratyush



Mrs K P Upadhye presenting Certificate of Appreciation to Kumar Pratyush

2. Event Report: Research Grant Proposal: Avenues and Approaches



LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHA'S PRIYADARSHINI J. L. COLLEGE OF PHARMACY Electronics Zone Building, MIDC, Hingna Road, Nagpur-440016 (M.S.) Tel & Fax No. -01-7104-209510, E-mail principal application (Website www.pilcp.ob/.im (Approved By AICTE & DTE, New Delhi: Affiliated to R.T.M. Nagpur University Nagpur)

Program Report

Name of the program conducted: Seminar entitled "Research Grant Proposal: Avenues and Approaches

Date: 17/10/2019

Venue: Seminar Hall, PJLCP at 2.0 pm.

Relevance to PO's: To enrich the students with the knowledge of avenues for research grants

Objectives:

1) To make the students aware about the various funding agencies

2) To motivate and enhance the knowledge of students about pathways of research

Beneficiary: Students, Faculty, Institute

Program Organizing Committee: Guest Lecture Committee

Expected Outcomes:

Provide an opportunity to the students to interact with the renowned faculty from other Institution which can be beneficial and knowledge enriching for effective communication of their research ideas to various funding agencies

Attachment needed:

- 1) Abstracts of the event
- 2) Flyer of the Program
- 3) Screen shots of the Program
- 4) Notice for circulation
- 5) Attendance and Feedback of the program

Stalchle Teacher In-charge

Associates Prof. / Asstt. Prof. Priyadarshini J. L. College of Pharmacy, Nageur.

Principal

Event Report Abstract:



LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHAS PRIYADARSHINI J. L. COLLEGE OF PHARMACY

Electronics Zone Building, MIDC, Hingna Road, Nagpur-440016 (M.S.) Tel & Fax No. +01.7104-299510. E-mail: principal/appliep.edu.m Website: www.pilop.edu.m (Approved By AICTE & DTE, New Delhi; Affiliated to R.T.M. Nagpur University Nagpur)

Abstract of the Program

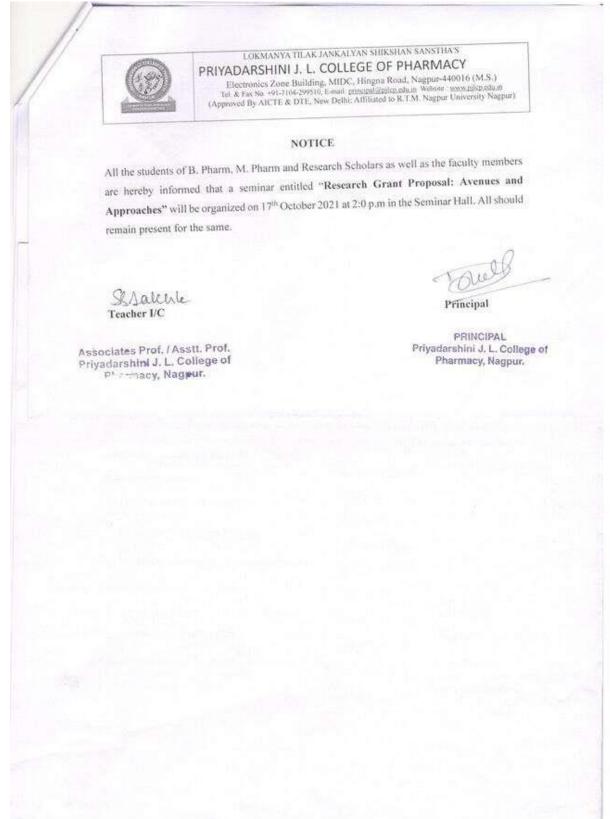
Research Grant Proposal: Avenues and Approaches

Priyadarshini J.L College of Pharmacy, Nagpur organized a seminar entitled "Research Grant Proposal: Avenues and Approaches" on 17/10/2019 for UG final year, PG and research scholars of the College. The objectives of the seminar to enlighten the students regarding effective communication of their research work to funding agencies for availing grants. Dr. Shubhangi Pingle, Assistant Director, National Institute of Miner's Health, Nagpur was the Resource Person on the occasion wherein she guided the participants regarding research project writing, submission to various funding agencies like DST, DBT, SERB and others for fetching grants for projects. The proceedings of the event were conducted by Dr. Mrs. S.S Bakhle and Mrs. S.V Mangrulkar. Participants shared their queries at the end of the session which was addressed by her. The event was successfully conducted under the guidance of Dr. D.R Chaple, Principal, PJLCP.

St Salcule Teacher In-charge

Associates Prof. / Asstt. Prof. Priyadarshim J. L. College of Pharmacy, Nagpur.

Principal



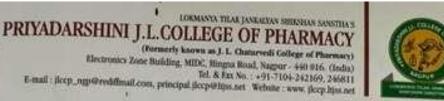


Dr Shubhangi Pingle addressing the gathering



Dr Shubhangi Pingle addressing the gathering

Event Thanks Letter:





Accredited by NAAC with B++ Grade

1

FILCP2019 5936

Date- 17/10/2019

To,

Dr. (Mrs.) Shubhangi Pingle Assistant Director, National Institute of Miner's Health (NIMH) Nagpur.

Dear Madam.

Thank you very much for accepting our invitation as a Resource person for guest lecture entitled "Research Grant Proposal: Avenues and Approaches" on 17/10/2019. Your presentation has been very useful and informative for our students and the faculty. I wish you all success in your endeavor.

1

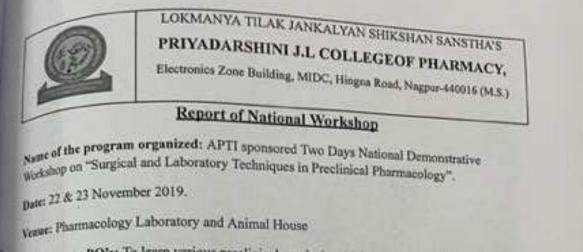
Thanking you

Recenced

Yours Faithfully

(Dr. D. R. Chaple) PRINCIPAL Priyadarshini J.L. College of Phormacy, Nagpur.

3. Event Report: Workshop on "Surgical and Laboratory Techniques in Preclinical **Pharmacology**



Relevance to PO's: To learn various preclinical surgical and laboratory techniques used in experimental pharmacology.

Objectives: To understand the techniques of animal handling and surgical procedure useful for preclinical pharmacological studies.

Resource Person: Dr. Rajesh R. Ugale, Pharmacology department faculty (Dr. Mrs. S. A. Desbpande, Mrs. S.V. Mangrulkar, Mr. P. N. Amale, Ms. Nitu Wankhede)

Beneficiary: Students, Faculty, Institute

Program Organizing Committee: Pharmacology Department

Expected Outcomes:

Total 75 students and faculty from various institutes were participated in the workshop. The practical training and demonstrations encouraged the participants to apply the knowledge in their mearch studies. The participants will also be benefited by the scientific sessions and interactions with the academicians and industry persons from various organizations.

Attachment needed:

- 1) Worships brochure
- 2) Registration details
- 3) Photographs of key glimpses during workshops

Teacher In-charge Dr.S.A Despande

Autoclates Prof. / Asstt. Prof. rivadarahim J. L. College of Phomeson Magnut.

hein Principal

Event Flyer:

Who can attend Any medical and para-metdical under graduate/post graduate & Ph.D. research students.

Faculty members from colleges/Institute
 Pharma Professionals from Industry

Registration Details

Categories	Before 10th November 2019	Spot Registration
Students, Research scholars	Rs.300/-	Rs.400/-
Faculties and Academicians	Rs.500/-	Rs,700/-
Pharma Professionals from Industry	Rs.800/-	Rs.1000/-



Contact Details

Dr. Mrs. S. A. Deshpande :+919422443171 Mrs. S. V. Mangrulkar :+918007606555

For Registration

Mr. A. R. Thakre: +91-7020299925 Mrs. S. P. Motghare: +91-9766223683

About College

Priyadarshini J. L. College of Pharmacy, Nagpur is a pioneer pharmaceutical institution recognized nationally and internationally for imparting higher quality education since its establishment in 1997. The college has proved itself in producing pharmacy graduates, post graduates and conducting doctor research in field of pharmacy with sound scientific and technical background. The college is NAAC accredited, affiliated to RTM Nagpur university, Nagpur, AICTE and PCI.

About APTI

APTI, an association found by the pioneers of Pharmacy education in India in 1966 by leading personalities like Prof. M. L. Schroff, Prof. G. P Srivastava and others, has come a long way in creating better intercommunication and promotion of excellence in pharmacy education. Through its tailor-made mission and objectives, the association has provided a single platform in bringing together teachers of pharmacy education from all over the country. This has helped in the achievement of excellent standards and to develop new technological methods in pharmacy education through the exchange of views amongst the teaching members. It has UGC & PCI listing of two Journals of repute to its credit UPER and UOPP. APTI has been addressing all Teachers Issues at every forum. It has now two International Branches. APTI has initiated many Teachers Training online modules. APTI has legacy to organize various collaborative International Conferences for giving platform for professionals.

About Workshop

The workshop includes the animal handling and surgical techniques useful for preclinical pharmacological studies. The practical training and demonstrations will encourage the participants to apply the knowledge in their research studies. The participants will also be benefited by the scientific sessions and interactions with the academicians and industry persons from various organizations.

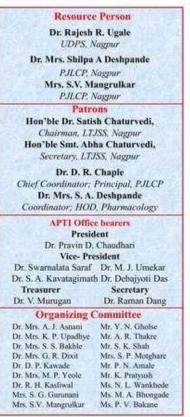
Progr	am Schedule
Date	Timeline

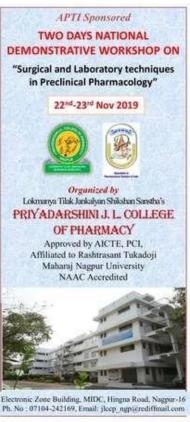
Date	Timing	Events
	9:00 to 10:00 am	Registration
	10.00 to 11.00 am	Inauguration
	11:00 to 12:00 noon	Plenary Session 1
22nl	12:00 to 12:15 pm	Tea
Nov	12.15 to 1:15 pm	Plenary Session 2
2019	1.15 to 2:00 pm	Business Lunch
	2.00 to 5:00pm	Demonstration
	9:30 to 10:00 am	Tea
	10.00 to 1.30 pm	Demonstration
23/1	1:30 to 2:30 pm	Business Lunch
Nov	2:30 to 3:30 pm	Plenary Session 3
2019	3:30 to 4:00 pm	Tea
	4.00 to 5:00pm	Valectory

Preclinical studies and drug discove
 Animal Handling Techniques

- >Routes of Administration
- > Intracerebroventricular Cannulation
- Chronic Constriction Injury
 Video Tracking System
- Animal Behavioural activity







Regist	tration Form
Name of Participan	nt:
Category: Student Acade	emician 🚺 Industrialist 🗍
Address:	<u></u>
Contact No:	Sassie and
Email:	W. and
Accommodation Det	ails: Yes 🛄 No
Payment Details: Ca	sh/DD
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DD No.:	
Bank Name:	and the second
Date:	
Date:	Sign of Participant
Institute Seal	Sign of Principal
Pharmacy payable at Send duly filled scan	iyadarshini J. L. College of t Nagpur. copy of this Registration form incepjlcp@gmail.com



Dr D R Chaple Principal PJLCP addresing the gathering

4. Event Report: Computer Aided Drug Design



LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHA'S PRIYADARSHINI J. L. COLLEGE OF PHARMACY

Electronics Zone Building, MIDC, Hingna Road, Nagpur-440016 (M.S.) Tel & Fax No. +01-7104-299510, E-mail. principal/@pice.edo.in. Website: www.pilep.edu.in (Approved By AICTE & DTE, New Delhi; Athliated to R.T.M. Nagpur University Nagpur)

Program Report

Name of the program conducted: Online Workshop on "Computer Aided Drug Design"

Date: 12/03/2020

Venue: Virtual through Google Meet 11 am

Relevance to PO's: To upgrade the knowledge of the faculty and students with respect to new developments in the molecular docking and ADME

Objectives:

1) To make the participants aware about the usage of softwares in drug design

2) To introduce to the participants the concepts of computational techniques in drug discovery

Beneficiary: Students, Faculty, Institute

Program Organizing Committee: Institute Innovation Council, PJLCP.

Expected Outcomes:

The workshop provided a common virtual platform for all the UG, PG students and research scholars along with the faculty to understand in detail about a range of tools for compound design, virtual screening and predictive modeling beneficial for drug discovery process.

Attachment needed:

- 1) Abstract of the workshop
- 2) Workshop flyer
- 3) Registration details
- 4) Photographs of the event (Screen Shot)
- 5) Feedback of the program

Aleran President IIC

r resident ric

 (Marc.) Alpana Asnani Clessor, HOD Enyadarshani J. L. College of Pharmacy Negpur (M.S.)

hern Principal

Event Report Abstract:



PRIYADARSHINI J. L. COLLEGE OF PHARMACY

Electronics Zone Bailding, MIDC, Hingna Road, Nagpar-440016 (M.S.) Tel. & Fac No. +91-7164-299510, E-mail prescredizeplog.edu.m Website www.pilcp.edu.m (Approved By AICTE & DTE, New Delhi; Affiliated to R.T.M. Nagpur University Nagpur)

ABSTRACT OF THE ONLINE WORKSHOP

COMPUTER AIDED DRUG DESIGN

An online workshop on "Computer Aided Drug Design was held virtually through Google Meet by the Institute Innovation Council of Priyadarshini J.L. College of Pharmacy on 12/03/2020 at 11 am. Mr Kumar Pratyush, Asst Prof., PJLCP was the resource persons on the occasion. The event began with an Introductory speech by Dr. D.R. Chaple, Principal, PJLCP, about the salient features of molecular docking and ADME in drug discovery process. The resource persons then provided insights on the Pyrex software which provides a state-of-theart and scientifically rigorous approach to understanding the binding of compounds in their protein targets in 3D. how the softwares facilitates drug discovery and optimization. They explained at length about compound design, virtual screening and predictive modeling and calculation of ligand efficiency facilitating the drug discovery process with case studies. Vote of thanks was proposed by Dr Mrs. A, J Asnani. The faculty members and the UG, PG students and research scholars of Priyadarshini J.L. College of Pharmacy attended the workshop. Participants shared their queries in the chat box which were addressed by him at the end of the session. The event was held under the guidance of Dr. D.R Chaple, Principal, PJLCP.

Asua President IIC

Dr. (Mrs.) Alpana Asnani rofessor, HOD furshani J. L. College of Pharmacy M.S.)

Principal



Electronics Zone Building, MIDC, Hingna Road, Nagpur-440016 (M.S.) Tel & Fax No +91-7101-299510, E-mail principal/grafep.edu.in Website www.pilep.edu.in (Approved By AICTE & DTE, New Delhi; Affiliated to R.T.M. Nagpur University Nagpur)

NOTICE

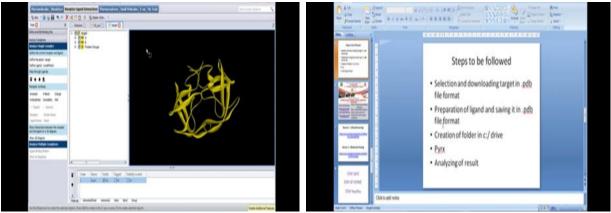
All the students of B. Pharm, M. Pharm and Research Scholars as well as the faculty members are hereby informed that a Online Workshop on "Computer Aided Drug Design" will be organized by Institute Innovation Council on 12st March 2020 at 11:0 am All should attend the same.

Alsuan' President IIC

C* (Mrs.) Alpana Asnani rofessor, HOD Vadarshani J. L. College of Pharmacy Vapor (M.S.)

Jer Principal

Event Screenshots



Software Detailing by Expert

Software Detailing by Expert

5. Event Report: Computer Aided Drug Design.



LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHA'S PRIYADARSHINI J. L. COLLEGE OF PHARMACY

Electronics Zone Building, MIDC, Hingna Road, Nagpur-440016 (M.S.) Tel. & Fax No. 491-7104-2995(0, E-mail: principal architecture, educity Website: www.pdfsp.scka.m (Approved By AICTE & DTE, New Delhi; Affiliated to R.T.M. Nagpar University Nagpar)

Program Report

Name of the program conducted: Online Workshop on "Computer Aided Drug Design"

Date: 01/05/2020

Venue: Virtual through live Streaming at 1 pm

Relevance to PO's: To upgrade the knowledge of the faculty and students with respect to new developments in the molecular docking and ADME

Objectives:

1) To make the participants aware about the usage of softwares in drug design

2) To introduce to the participants the concepts of computational techniques in drug discovery

Beneficiary: Students, Faculty, Institute

Program Organizing Committee: Institute Innovation Council, PJLCP.

Expected Outcomes:

The workshop provided a common virtual platform for all the UG, PG students and research scholars along with the faculty to understand in detail about a range of tools for compound design, virtual screening and predictive modeling beneficial for drug discovery process.

Attachment needed:

- 1) Abstract of the workshop
- 2) Workshop flyer
- 3) Registration details
- 4) Photographs of the event (Screen Shot)
- 5) Feedback of the program

Alenai President IIC (A J. Asuari)

Dr. (Mrs.) Alpana Asnani "rofessor, HOD "valdarshani J. L. College of Pharmacy banggeitt (M.S.)

Principal

Priyadarshini J. L. College of PRINCIPAL Pharmacy, Nagpur.

Event Report Abstract:



LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHA'S PRIYADARSHINI J. L. COLLEGE OF PHARMACY Electronics Zone Building, MIDC, Hingna Road, Nagpur-440016 (M.S.) Tel. & Fax No. 491-7104-299510. E-mail: principal@piten.edu.m Website: www.pilsp.edu.m (Approved By AICTE & DTE, New Delhi; Affiliated to R.T.M. Nagpur University Nagpur)

ABSTRACT OF THE ONLINE WORKSHOP

COMPUTER AIDED DRUG DESIGN

A workshop entitled "Computer Aided Drug Design was held virtually through Live Streaming by the Institute Innovation Council of Priyadarshini J.L. College of Pharmacy on 01/05/2020 at 1 pm. Mr Kumar Pratyush and Mr S.K Shah, Asst Prof., PJLCP were the resource persons on the occasion. The event began with an Introductory speech by Dr. D.R. Chaple, Principal, PJLCP, about the salient features of molecular docking and ADME in drug discovery process. The resource persons then provided insights on the Pyrex software which provides a state-of-the-art and scientifically rigorous approach to understanding the binding of compounds in their protein targets in 3D, how the softwares facilitates drug discovery and optimization. They explained at length about compound design, virtual screening and predictive modeling and calculation of ligand efficiency facilitating the drug discovery process with case studies. The proceedings of the workshop were conducted by Kumar Pratyush, Asst. Prof., PJLCP while vote of thanks was proposed by Dr Mrs. A, J Asnani. The faculty members and the UG, PG students and research scholars of Priyadarshini J.L. College of Pharmacy attended the workshop. Participants shared their queries in the chat box which were addressed by him at the end of the session. The event was held under the guidance of Dr. D.R Chaple, Principal, PJLCP.

Alene President IIC (AJ Ashaw)

Or (Mrs.) Alpana Asnani ressor, HOD J. L. College of Pharmacy from - man

nein Principal



LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHA'S PRIYADARSHINI J. L. COLLEGE OF PHARMACY Electronics Zone Building, MIDC, Hingna Road, Nagpur-440016 (M.S.) Tel & Fax No. +91.7104-290310, E-mail.genetpablicpicp.cdu.in Website...wxw.picp.cdu.in (Approved By AICTE & DTE, New Delhi, Affiliated to R.T.M. Nagpur University Nagpur)

NOTICE

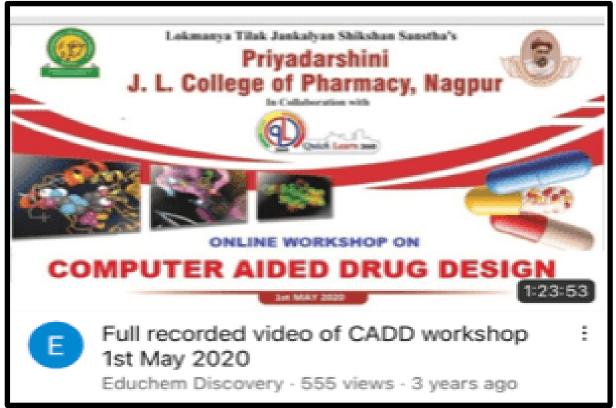
All the students of B. Pharm, M. Pharm and Research Scholars as well as the faculty members are hereby informed that a Online Workshop on "Computer Aided Drug Design" will be organized by Institute Innovation Council through Live Streaming on 1st May 2020 at 1:0 p.m All should attend the same.

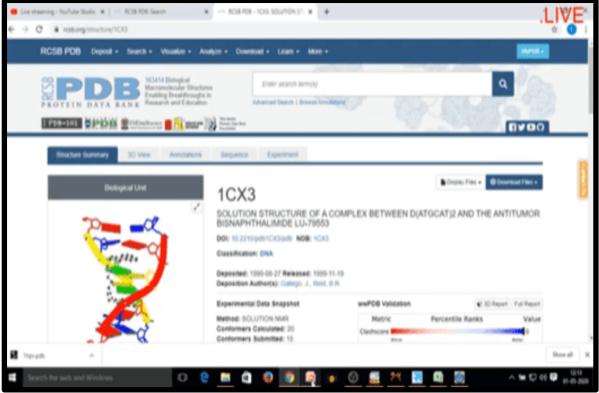
Menario President IIC (A-J. Kuraw)

* (Mrs.) Alpana Asnani *essor, HOD *arshani J. L. College of Pharmacy , uc (M.S.)

Principal

Event Flyer:





Live Streaming of Event

6. Event Report: Webinar on Entrepreneurship Development.



LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHA'S PRIYADARSHINI J. L. COLLEGE OF PHARMACY

Electronics Zone Building, MIDC, Hingna Road, Nagpur-440016 (M.S.) Tel & Fax No. 191-7104-295510, E-mail: principlific pilop eduan Webste: www.pilop.eduan (Approved By AICTE & DTE, New Delhi; Affiliated to R.T.M. Nagpur University Nagpur)

Program Report

Name of the program conducted: Webinar entitled "Entrepreneurship Development"

Date: 20/05/2020

Venue: Virtual through Google Meet at 11 am

Relevance to PO's: To upgrade the knowledge of the faculty and students

Objectives

- a) To make them aware about the Start-Up and entreneurship
- b) Develop the ability to identify ethical and legal issues
- c) To motivate and guide the students for entrepreneurship development

Beneficiary: Students, Faculty, Institute

Program Organizing Committee: Institute Innovation Council, PJLCP.

Expected Outcomes:

The session helped students to developed critical and innovative thinking and helped to boost their confidence and also made them aware about the different aspects they can focus on and need the area where they need to develop themselves for start-ups

Attachment needed:

- 1) Abstract of the Workshop
- 2) Workshop flyer
- 3) Registration details
- 4) Photographs of the event (Screen Shot)
- 5) Feedback of the program

suan President IIC (A.J. Asuani

h- (Mrs.) Alpana Asnant ofessor, HOD Nyadarshani J. L. College of Pharmacy Nagpur (M.S.)

Principal

Event Report Abstract:



LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHA'S PRIYADARSHINI J. L. COLLEGE OF PHARMACY Electronics Zone Building, MIDC, Hingna Road, Nagpur-440016 (M.S.) Tel & Fax No. +91-7104.299510, E-mail: granciphizgolep.eda.m. Website: www.gultp.cdu.m (Approved By AICTE & DTE, New Delhi; All'ifiated to R.T.M. Nagpur University Nagpur)

ABSTRACT OF THE WEBHNAR

Entrepreneurship Development

A Webinar entitled Entrepreneurship Development" was organized by the Institute Innovation Council of Priyadarshini J.L., College of Pharmacy on 20/05/2020 at 11.0 am. Virtually through Google Meet. The session began with an introductory note by Dr Mrs A, J Asnani, President, IIC, about the IIC and its role and action plans. Dr V. D Gulkari guided the participants to raise their awareness regarding start-ups an entrepreneurship. He discussed at length the the steps that should be taken in entrepreneurship development. He also shed light on the ability of entrepreneurs to develop a moral compass that allows them to lead their business organization in a manner consistent with ethical and legal principles. The proceedings of the Seminar were conducted by Mr S.K Shah, Asst. Prof., PJLCP while vote of thanks was proposed by Dr Mrs. A, J Asnani. About 76 participants from the College attended the webinar. Participants shared their queries at the end of the two sessions. The event was held under the guidance of Dr D.R Chaple, Principal, PJLCP.

Henan President IIC (A-J-Asuani)

(Mes.) Alpana Asnani tessor, HOD vadarshani J. L. College of Pharmacy wagpur (M.S.)

dn Principal



PRIYADARSHINI J. L. COLLEGE OF PHARMACY

Electronics Zone Building, MIDC, Hingna Road, Nagpur-440016 (M.S.) Tel & Fax No. 491.7104.299510. E-mail: grinegul@gilep.tdu.in. Website: www.gilep.edu.in (Approved By AICTE & DTE, New Delhi; Affiliated to R.T.M. Nagpur University Nagpur)

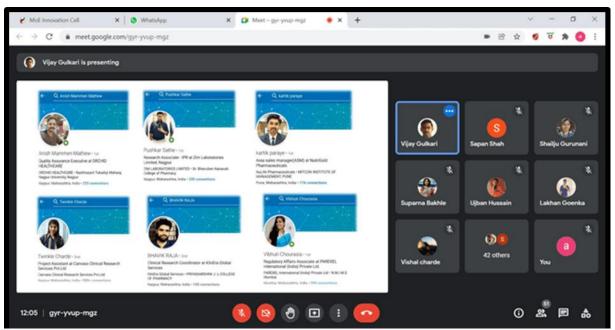
NOTICE

All the students of B. Pharm, M. Pharm and Research Scholars as well as the faculty members are hereby informed that a Seminar entitled "Entrepreneurship Development" will be organized by Institute Innovation Council on 20th May 2020 virtually through Google Meet, the link of which will be shared in Official Groups of the Classes at 10:50 a.m. All should remain present for the same.

Menan

President IIC M(AA)barbashano) Soor, HOD Jarshani J. L. College of Pharmacy MOD (M.S.)

Principal



Event Screenshots While Guest Dr V D Gulkari addressing the gathering