

2017-18



HOD BIOTECH <hod.biotech@prathyusha.edu.in>

Re: Invitation for Guest Lecture - Reg

1 message

Savithiri Shivakumar <savithiri.shivakumar@aaranyabiosciences.com>
To: Praveena BIOTECH <praveena.biotech@prathyusha.edu.in>
Cc: HOD BIOTECH <hod.biotech@prathyusha.edu.in>

Tue, Aug 29, 2017 at 11:09 PM

Thanks Dr. Praveena for draft MOU and your sincere efforts in making this. We can have industrial training, workshop and course curriculum, Entrepreneurship skill development program apart from technical research collaboration.

Looking forward to have academic industry collaboration.

Thanks and Regards
Savithiri Shivakumar

On Aug 28, 2017 4:32 PM, "Praveena BIOTECH" <praveena.biotech@prathyusha.edu.in> wrote:

Ref. No.: PEC/BT/17-18/28.08.2017

To

Dr. Savithri Shivakumar
Aaranya Biosciences Pvt. Ltd.,
Chennai.

Dear Madam,

Sub: Requesting for guest lecture – reg.

In continuation of industrial visit, we would like to invite you to deliver a guest lecture on “Recent advances in Drug Discovery” for our Bioinfotech club students of Biotechnology Department, PEC. The Department of Biotechnology of our college is one of the NBA accredited centre with reputation. I request you to kindly provide your convenient date in this week. We would like to sign MOU with your organization for the betterment of student community and enrich the research activities. Herewith we have attached a copy of MOU for your kind perusal.


Thank you

--
Dr.A.PRAVEENA
ASSISTANT PROFESSOR
DEPARTMENT OF BIOTECHNOLOGY
PRATHYUSHA ENGINEERING COLLEGE



ESTD. 2001

Report on Industry Expert Interaction

Aaranya 
BioSciences

ACTIVITY DETAILS

Type of activity	: Industry Expert Interaction
Date of the activity	: 20/01/18
Title	: Drug Discovery
Resource person	: Dr. Savithri shivakumar, Founder, Executive director
Time	: 12.00pm – 2.00pm
Target students	: II year and III year students

The lecture was organized by the Bioinfotech club, Department of Biotechnology, PEC for the II year and III year on 20.01.2018 by 12.00pm –2.00pm at AV chamber, PEC. The session was handled by Dr.Savithri shivakumar who is a founder and executive Director, research pharmacologist Aaranya Biosciences Pvt. Ltd.

ABOUT THE EXPERT:

Researcher, pharmacologists, operational experience in Preclinical and early stage discovery with leading pharmaceutical companies provided extensive background and hands-on drug discovery & development, operations, research and discovery experience. Starting at BITS, Pilani and Christian Medical College & Hospital, Zydus Cadila, Alembic Ltd and contract research organization (CRO) BioArc and GVKBIO developed and led cohesive and collaborative global multidisciplinary teams and established and directed pharmacology, DMPK and toxicology early discovery efforts and contributed towards candidate selection. Proven capabilities in budget, resource management, and approaches challenges with enthusiasm and determination, foster and maintain strategic partnership, leadership teams and external collaborations.

ABOUT THE INDUSTRY:

Aaranya Biosciences Private Limited provides discovery services for large and small molecules. We focus on biology research platform for



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- screening for different therapeutic areas like metabolic disorders, obesity, inflammation, fatty liver (Non-alcoholic steatohepatitis NASH), bone health, reproductive health, cystinosis, and genetic disorders
- Infectious disease platform -BSL- class III level where we can handle bacterial, fungal and including viral organisms.
- molecular biology and protein expression
- Target organ toxicity and genotoxicity
- Bio-material screening

OBJECTIVES OF LECTURE

- To enable the idea of development of new drugs for neglected tropical diseases
- To understand the basics and sequential steps in Drug Discovery
- To learn steps in screening and trials in the drug
- To obtain the knowledge in the bioinformatics tools which is use for the drug discovery process

NEED OF LECTURE ON DRUG DISCOVERY

Drug innovation is important for both improvements in health care and for the future of organizations engaged in drug discovery research and development. The need for drug discovery is that, there are many tropical diseases which does not have drug for the treatment. The aim of the lecture is to develop safe and affordable drug for the diseases and to know the Drug efficacy, pharmacology and toxicity which are important parameter in the selection of compounds for development of new drug is studied. The drug is initially designed in the computers (in-silico) by bioinformatics tools, the lecture provides the brief introduction of the bioinformatics tools and their uses in drug discovery.

ABOUT THE PROGRAM

The lecture was made in two sessions. The first session was carried out with the basic introduction in the drug discovery and the need of drug discovery in recent trends. Follwed by the creening of the drug in different stages such as pre clinical and clinical trails where the clinical trails consist of phase 1,2,3 and 4 the toxicity of the drug, minimal and maximum



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Report on Industry Expert Interaction

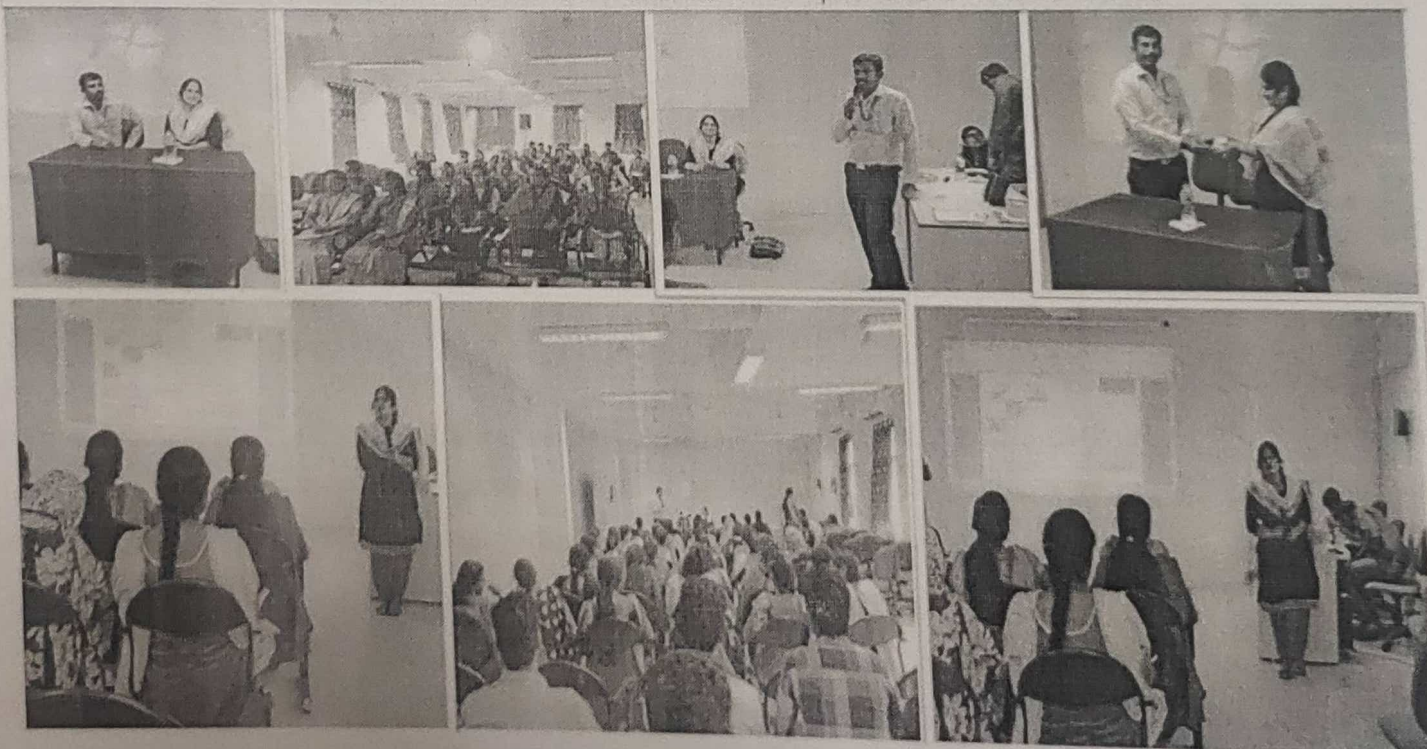
Aaranya 
BioSciences

dosage of the drug is determined in this stage. The entire drug discovery methods and techniques to screen the drug were explained by the expert. The importances of the bioinformatics tools were explained. The role of bio-informaticians in drug designing and discovery process were discussed. The second session was held after the lunch, it is an interaction session. The students are allowed to interact with the expert and industrial based techniques and doubts are sort in the second session.

OUTCOME OF THE TRAINING

- The industrial set up and drug discovery process are interacted
- The students will be using various tools for drug discovery.
- The students will able design the drug

PRATHYUSHA ENGINEERING COLLEGE
DEPARTMENT OF BIOTECHNOLOGY- BIOINFOTECH CLUB
IEI ON DRUG DISCOVERY PROCESS AND BIOINFORMATICS BY
DR.SAVITHRI SHIVAKUMAR, FOUNDER, AARANYA BIOSCIENCES PVT., LTD.,





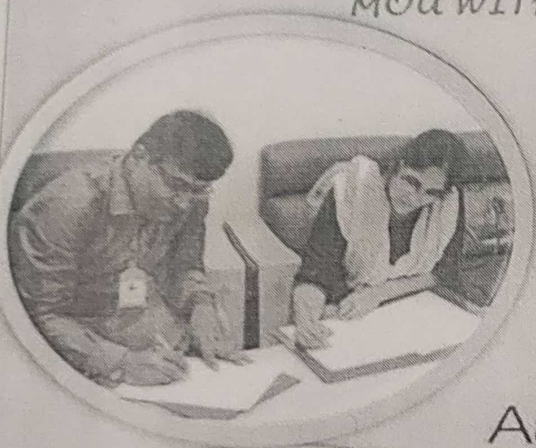
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Report on Industry Expert Interaction


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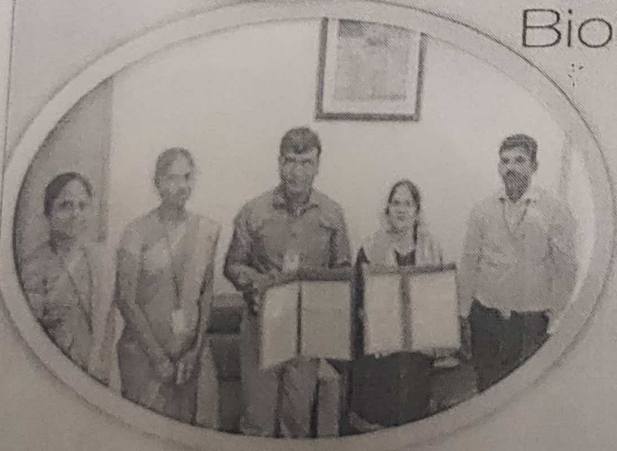
During this occasion we the department of biotechnology signed an MoU with them for various activities. In turn this helps our students work along with them for new research collaboration, Internship and other activities.

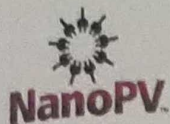
PRATHYUSHA ENGINEERING COLLEGE
DEPARTMENT OF BIOTECHNOLOGY
MOU WITH AARANYA BIOSCIENCES



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MoU
Aaranya 
BioSciences





GENERAL INFORMATION FOR THE MODULE (2018)

Name Of Sector	RENEWABLE ENERGY
Name of Module	Solar PV Efficiency testing
Duration (w.e.f 02.01.2018 to 31.03.2018)	6400 Hours once in 30 days
Unit Size (No of trainees)	10 Students for 10 days once in a month
Power Norms	1 MW





NanoPV Solar India P Ltd

(An Affiliate of NanoPV Technologies, NJ, USA)

CST No. 1125110 Dt 11.02.2013.
TIN No. : 33611724222
SERVICE TAX NO. : AADCN2564QSD002

Date: 01.04.2018

Letter of Appreciation

Dear Rakesh .R,

We just wanted to take a moment to express my appreciation for the wonderful job that you are doing here at NSIPL.

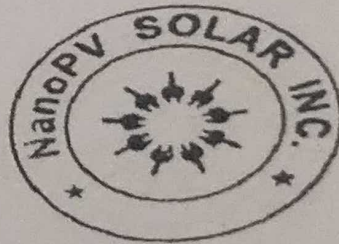
In your role as PV Testing Technician, you've demonstrated your ability to add value to everything that we are doing with your dedication, creativity and resourcefulness. Thanks to your hard work, we've been able to do a better job serving our customers and keeping up with the demands of the business.

Your contributions to the team are a reflection of your priorities as an individual and the importance that you place on doing a good job. You should know that we whole heartedly appreciate and thank you for everything that you have done in your role up to this point, and we look forward to seeing what you will accomplish here at NSIPL in the future.

Best,

[Mr.K.Kamalanathan]

[Project Manager]



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Tele :044 26390333/+91 9791543085 Mail : chairman@nanopvindia.co / samypalani12@yahoo.com
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Letter of Appreciation

Dear Ajeeth Kumar .P,

We just wanted to take a moment to express my appreciation for the wonderful job that you are doing here at NSIPL.

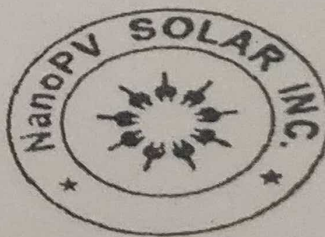
In your role as PV Testing Technician, you've demonstrated your ability to add value to everything that we are doing with your dedication, creativity and resourcefulness. Thanks to your hard work, we've been able to do a better job serving our customers and keeping up with the demands of the business.

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Best,

[Mr.K.Kamalanathan]

[Project Manager]



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Letter of Appreciation

Dear Diwakar .R.S,

We just wanted to take a moment to express my appreciation for the wonderful job that you are doing here at NSIPL.

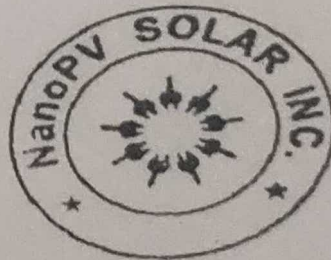
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[Project Manager]



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Letter of Appreciation

Dear Aravind .G,

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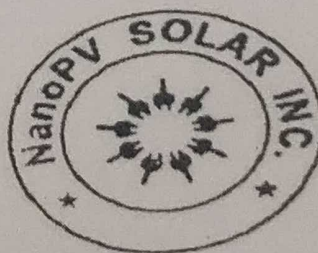
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Dear Ajith Krishna .V,

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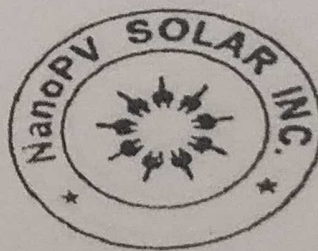
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Dear Balaji .K,

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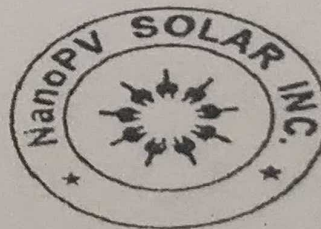
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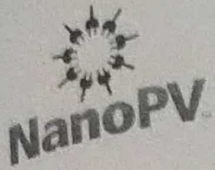
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[Project Manager]



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Date: 01.04.2018

Letter of Appreciation

Dear Kanumarla Ravi Kiran Kumar Reddy,

We just wanted to take a moment to express my appreciation for the wonderful job that you are doing here at NSIPL.

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Letter of Appreciation

Dear Kotarvedu Rakesh Reddy,

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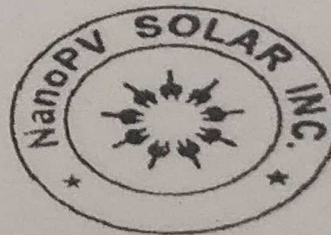
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[Project Manager]



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Dear Vivek .S,

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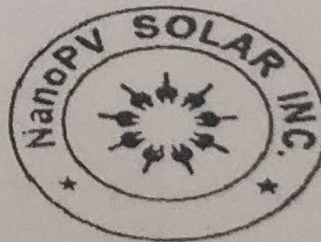
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[Project Manager]



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REPORT ON CATIA TRAINING

Name of the staff / designation	Mr.R.Ragavendran Assistant Professor	Date	08.12.2017 to 12.12.2017
Department	Mechanical Engineering	Type of Programme	TRAINING

ABOUT INTERNAL SEMINAR

We have conducted catia training from 08.12.2017 to 12.12.2017 for III Year and final year Mechanical Students.

Venue: Mechanical Block

OUTCOME OF TRAINING

- Students learned design related interview questions with answers
- Students gain their knowledge in design area (Catia), and the following subjects SOM, DME, CAD/CAM, DTM
- Students update their knowledge in new techniques.



6.2.2018
Chennai

From

P. JAYARAMAN,
The HOD,
Department of Mechanical Engg.,
Prathyusha Inst of technology and Management, Aranvoal kuppam, Trivellore-602025

To,

The HR manager,
Popular Engineering,
CHENNAI

Sir,

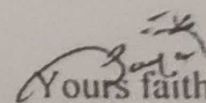
Sub: Permission to undergo an industrial visit in your organization-reg;

As part of co-curricular activities, the UG students should have an exposure to the activities of industry related to their curriculum. In this connection our Third year students (40) of MECHANICAL ENGINEERING wish to visit your organization, accompanied by two of our staff members. I request you to kindly grant them permission to visit your organization. I request you kindly address the students highlighting the significance of the industry-University interaction and its benefits. I welcome your suggestion to have joint activities between your organization and our institution.

We will be obliged if you can permit them to visit your organization on 16.2.2018 else any convenient days as per your availability.

I request your kind co-operation in this regard.

Thanking you and with regards


Yours faithfully

Head
Department of Mechanical E
Prathyusha Engineering Col
Aranvoyalkuppam
Thiruvallur - 602025.

**PRATHYUSHA ENGINEERING COLLEGE
DEPARTMENT OF MECHANICAL ENGINEERING**

EVENT: Industrial visit

DATE 16.02.2018

VENUE: Popular Engineering

CLUB : CNC DOMAIN CLUB

In charge: N.Ramasamy

The CNC Technical domain club has organized Industrial Visit on 16th Feb 2018 for CNC club students of Mechanical Engineering titled "CNC Manufacturing" to Popular Engineering pvt.ltd, Chennai from 10 am to 3 pm.

The following manufacturing process are learned to manufacturing components in Popular Engineering pvt.ltd

- CNC machine used for cutting of Sheet Metal Components.
- Sheet metal cutting by automated laser cutting process.
- TIG and MIG welding for precision welding of bus duct assembly and all Kiosks assembly.
- Automated Shearing and bending process for acute bending of sheet metal as per requirements from customer.
- Manufacturing and supplying an exceptional range of Escalators
- Used Coating process for anti- rust and non corrosive of components up to 100 micron thickness.
- Three section process (coating, welding and processing)used for making components



PRATHYUSHA ENGINEERING COLLEGE
DEPARTMENT OF MECHANICAL ENGINEERING
CATIA TECHNICAL DOMAIN CLUB WORK SHOP

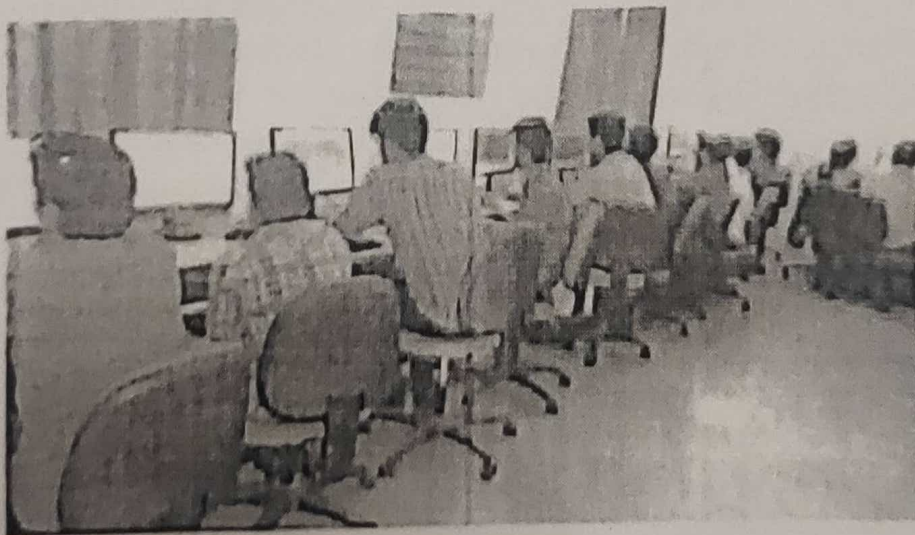
For your kind information we conducted CATIA training class from 4/7/2018 from 1.35 P.M to 3.05 P.M. in collaboration building T.V.S Harita lab

The students have learnt the following domain in CATIA.

- INTRODUCTION TO CATIA
- DRAWING SKETCHES IN THE SKETCHER WORKBENCH-I
- CONSTRAINING SKETCHES AND CREATING BASE FEATURES.

We present this report of completion for your kind perusal and recognizing our work.

Thank you.



[Handwritten Signature]
H. Suresh

Incharge

[Handwritten Signature]
HOD/MECH