

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.2 Innovation Ecosystem

3.2.2 Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years

3.2.2.1. Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years

Index for supporting documents for the year 2017-2018

S. No.	Particulars	Program	Page No.
1	Bromelin-A novel extraction technique from pineapple waste an entrepreneurship opportunity	Entrepreneurship Development program	1-3
2	Workshop on Insta – PCR for industrial sterility check	Laboratory Research methodology and skill development program	4-7
3	Research opportunities in premier institutes and research organisations in India	Research	8-10
4	Advanced analytical techniques in biochemical and microbial identification	Laboratory Research methodology and skill development program	11-14
5	A skill development program on plant genetic transformation techniques-	Laboratory Research methodology and skill development program	15-18
6	Workshop on tools and techniques for a successful research career	Laboratory Research methodology and skill development for biotechnology Research	19-23



Dr. Anuradha. M
 Principal
 Padmashree Institute of
 Management & Sciences



BROMELAIN-A NOVEL EXTRACTION TECHNIQUE FROM PINEAPPLE WASTE AN ENTREPRENEURSHIP OPPORTUNITY

Organized by Padmashree Institute of Management and Sciences

Date	20-09-2017
Title	Bromelin-A novel extraction technique from Pineapple waste an entrepreneurship opportunity
Resource Persons	Dr Ramcharan Churasiya, CFTRI Mysore Dr Umalatha, Assistant Professor, PIMS Bangalore
No. of Participants	59
Event	An Entrepreneurship Development Program

Program schedule

Time	Program schedule
09.30 AM to 11.00 AM	Registration and Inauguration Invocation By Shivaji Anchoring By Richa Kakkar Welcome speech By Dr Sudipta Kumar Mohanthy
11.00 AM to 11.15 AM	Tea break
11.15 AM to 12.30 AM	A novel extraction technique of Bromelin enzyme from Pineapple waste by Dr Ramcharan Churasiya , CFTRI Mysore
12.30 PM to 1.30 PM	Lunch
01.30 PM to 2.30 PM	Demo on Purification of Bromelin enzyme By Dr Umalatha
02.30 PM to 3.30 PM	Demo on Characterization of Bromelin enzyme by Dr Umalatha
03.30 PM to 4.30 PM	Application of Bromelin in food industry and set up required for Bromelin production by Dr Umalatha

Resource Person/s



Name: Ram Saran Chaurasiya

Designation: Senior Research Fellow

Affiliation: CFTRI, Mysore

Phone no:

Email address:

Photo gallery



Students with Invited speaker

Program Summary

The Entrepreneurship Development Program was conducted at PIMS in the second-floor seminar hall. Dr. Ramcharan Churasia explained to the students a novel extraction technique used in the food industry to extract Bromelin enzyme from pineapple waste. He also mentioned the amount of waste generated from the pineapple juice industry. In addition, he explained the importance of Bromelin in meat tenderization and its application in the food industry. Dr. Umalatha, from PIMS, gave a demonstration on the extraction, purification, and characterization of Bromelin enzyme from pineapple waste. She also emphasized the entrepreneurship opportunities in this field. Both speakers motivated the students to start their own businesses in life.

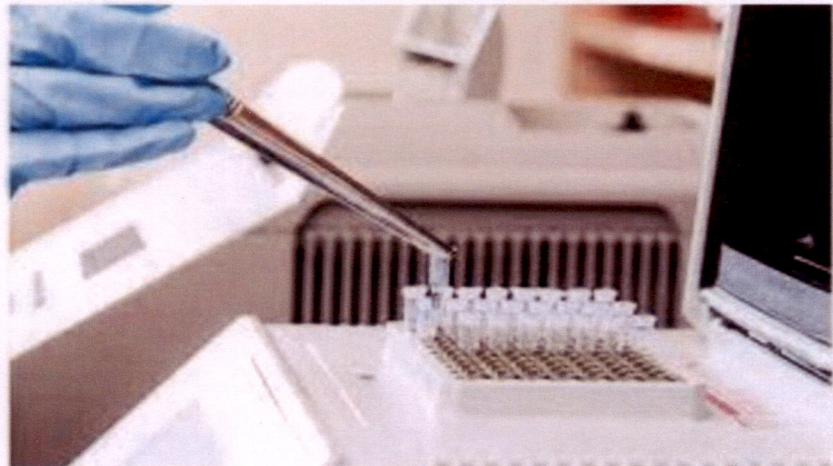


PADMASHREE
INSTITUTE OF MANAGEMENT
AND SCIENCES

Is organising
**One day workshop on Insta-PCR
for Industrial sterility check"**

in collaboration with
Hi Media Laboratories Pvt. Ltd. Bangalore

Venue: Biotechnology Lab, Second Floor



**12th
November
2017**

Resource Person:

Mr. Shantha Kumar S Technical Scientist,
Hi media laboratories Pvt. Ltd. Bangalore

Website: www.pims.org.in

“INSTA – PCR FOR INDUSTRIAL STERILITY CHECK”

Organized by Padmashree Institute of Management and Sciences in collaboration with Hi Media Laboratories Pvt. Ltd., Bangalore

Date	12.11.2017
Title	“Insta – PCR for industrial sterility check”
Resource Persons	Mr. Shantha Kumar S and Team
Participants	30
Event	Skill enhancement program

Program schedule

Time	Program schedule
09.30 to 11.00 AM	Registration and Inauguration Invocation by Shivaji J. Nikale Anchoring by Richa Kakkar Welcome speech by Dr Anuradha M.
11.00 to 11.15 AM	Tea break
11.15 to 12.30 PM	Importance of sterility in the pharmaceutical samples
12.30 to 1.30 PM	Lunch
01.30 to 2.30 PM	PCR – A tool for amplification of DNA
02.30 to 4.00 PM	Demo on determination of the sterility of pharmaceutical samples, through highly conserved bacterial ribosomal DNA sequences a PCR-based assay.
04.00 to 04.30PM	Valedictory function

Resource Person/s

Name: Mr. Shantha Kumar. S

Designation: Technical Scientist

Affiliation: Hi Media Laboratories Pvt. Ltd.

Mr. Shantha Kumar S is a Technical Scientist at Hi Media Laboratories Pvt. Ltd.

He previously worked as an instructor at the Department of Biotechnology at M.S. Ramaiah Institute of Technology.

Email ID: kumarss@himedialabs.com

Photo Gallery: “Insta – PCR for industrial sterility check”



Hands on Technique session for students



Kit based enumeration of pathogens



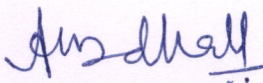
Anuradha

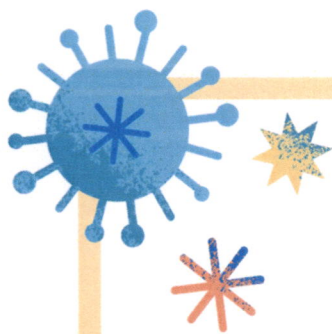
Dr. Anuradha. M
Principal
Padmashree Institute of
Management & Sciences

Program Summary

Mr. Shantha Kumar and team from Hi Media Laboratories Pvt. Ltd. conducted a one-day workshop on "Insta-PCR for industrial sterility check" at Padmashree Institute of Management and Sciences. The workshop focused on explaining the importance of using PCR techniques for testing the sterility of pharmaceutical samples and identifying microbes. The students were given hands-on training on using PCR for determining the sterility of pharmaceutical samples through a PCR-based assay using highly conserved bacterial ribosomal DNA sequences. The program was concluded with a vote of thanks to Mr. Shantha Kumar by Dr. Mohammed Aman.



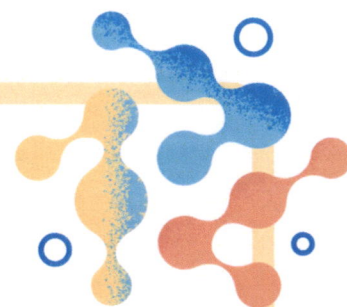

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Organized by



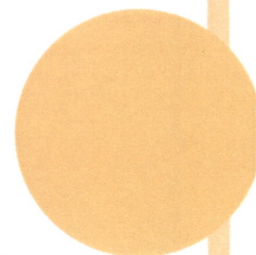
PADMASHREE
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AND SCIENCES



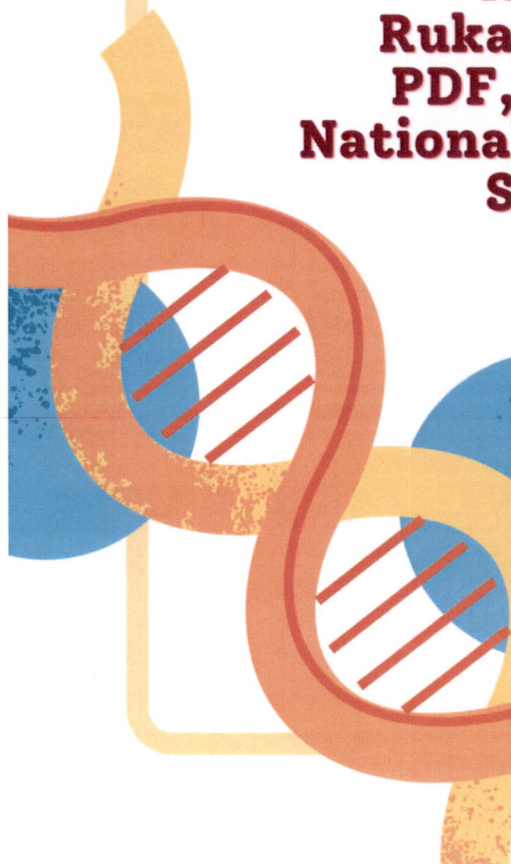
*Research opportunities in premier
institutes and research
organisations in India*



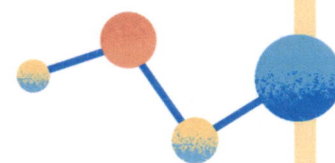
6th December, 2017



**Resource Person
Rukaya Amin Chowdery
PDF, Research Scholar
National Centre for Biological
Sciences (TIFR)**



**@10:30 AM,
Seminar Hall,
1st Floor, PIMS**



www.pims.org.in

RESEARCH OPPORTUNITIES IN PREMIER INSTITUTES AND RESEARCH ORGANISATIONS IN INDIA

Organized by Padmashree Institute of Management and Sciences

Date	06-12-2017
Title	Research opportunities in premier institutes and research organisations in India
Resource Persons	Rukaya Amin Chowdery, PDF, Research Scholar at National Centre for Biological Sciences (TIFR)
No. of Participants	85
Event	Research oppertunities

Program schedule

Date	Time	Program Schedule
06-12-2017	10:30 to 11:00 AM	Inauguration and welcome note Invocation by Shivaji J. Nikale Anchoring by Richa Kakkar Welcome speech by Dr. Sudipta Kumar Mohanty
	11.00 to 11.15 AM	Tea break
	11.15 to 12.30 PM	Research opportunities in premier institutes and research organizations in India by Dr Rukaya Amin Chudri Post-Doctoral Fellow Research Scholar at National center at biological Sciences
	12.30 to 1.30 PM	Lunch
	01.30 to 3.30 PM	Presidential remarks by Dr Anuradha, Principal, PIMS
	04.00 to 04.30PM	Valedictory function

Resource Person/s

Name: Rukaya Amin Chowdery

Designation: PDF, Research Scholar

Affiliation: National Centre for Biological Sciences (TIFR)

Phone no:

Email address:

Photo gallery

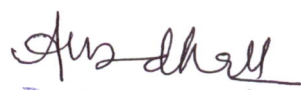


Students with Invited speaker

Program Summary

Dr. Rukaya Amin Chudri, an alumna of our college, was invited to give insight into research opportunities in premier institutes and research organizations in India. She mentioned the loss of interest of students in taking up basic science education and explained why students are only opting for medicine and engineering. She explained the factors contributing to this paradigm shift, such as the shorter duration of these courses, placement opportunities after completion of the course, and higher pay packages. She focused on research opportunities and the advantages of taking research as a career. She talked about the opportunities available after completing a PhD in science in India and abroad. She also mentioned premier research institutes like IISE, IISER, TIFR, IIST, etc., and their contribution to the development of our country. After her talk, Dr. Anuradha, the principal of PIMS, spoke about Rukaya's dedication while she was a student at our college and congratulated her on her achievements. While concluding, she said that there is no shortcut to success in life, and the best example is Rukaya - her hard work and commitment to her work made her succeed in life.




Dr. Anuradha. M
Principal
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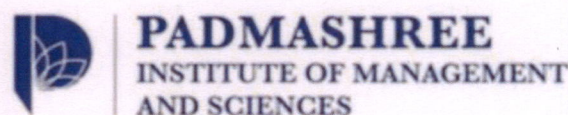
3 Days workshop on Advanced Techniques in Biochemical and Microbial Identification



**13th - 15th
December
2017**

www.pims.org.in

Is organized by



In collaboration with
Biomeriux India Pvt Ltd

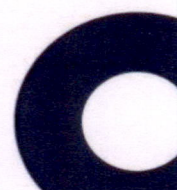
Resource Person:

**Mr. Darlane Duikar,
Scientific Support
Executive**

Biomeriux India Pvt Ltd

**Ms. Merlin Varghese,
Scientific Support
Executive**

Biomeriux India Pvt Ltd



**ADVANCED TECHNIQUES IN BIOCHEMICAL AND MICROBIAL
IDENTIFICATION: ANALYTICAL PROFILE INDEX (API)**

Organized by Padmashree Institute of Management and Sciences

In collaboration with Biomeriux India Pvt Ltd.

Date	13-12-2017 to 15-12-2017
Title	Advanced techniques in Biochemical and Microbial Identification: Analytical Profile Index (API)
Resource Persons	Mr. Darlane Duikar, Scientific Support Executive Biomeriux India Pvt Ltd Ms. Merlin Varghese, Scientific Support Executive Biomeriux India Pvt Ltd
No. of Participants	28
Event	Skill Enhancement Program

Program Schedule

Time	Program schedule
Day 1: 13-12-2017	
09:30 to 11:00 AM	Registration and Inauguration Invocation by Shivaji Bhole Anchoring by Richa Kakkar Welcome speech by Dr Sudipta Kumar Mohanty
11:00 to 11:15 AM	Tea break
11:15 to 12:30 PM	Existing Traditional Microbial Detections methods
12:30 to 1:30 PM	Lunch
01:30 to 2:30 PM	Advantages and disadvantages of traditional microbial detections methods
02:30 to 3:30 PM	Advantages of rapid microbiology systems
03:30 to 4:30 PM	An insight into rapid microbial detection
Day 2: 14-12-2017	
09:30 to 11:30 AM	Existing biochemical tests for microbial identification
11:00 to 11:15 AM	Tea break
11:15 to 12:30 PM	Biochemical test in <i>Enterobacteriaceae</i> and <i>Pseudomonas</i> : Antimicrobial: Agents
12:30 to 1:30 PM	Lunch
01:30 to 2:30 PM	Novel, rapid chromogenic biochemical assay, the Carba NP test

02:30 to 3:30 PM	Sensitive test for the identification of ACS patients with poor clinical outcomes
03:30 to 4:30 PM	Comparative evaluation of the new automated VIDAS assay with two other immunoassays
Day 3: 15-12-2017	
09:30 to 11:30 AM	Biochemical marker for the detection of myocardial injury
11:00 to 11:15 AM	Tea break
11:15 to 12:30 AM	Hands on training in rapid microbial detection
12:30 to 1:30 PM	Lunch
01:30 to 4:30 PM	Hands on training for automated VIDAS assay and Sensitive test for the identification of ACS patients with poor clinical outcomes

Resource Person/s

Name:	Mr. Darlane Duikar
Designation:	Scientific Support Executive
Affiliation:	Biomeriux India Pvt ltd.

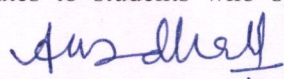
Name:	Ms. Merlin Varghese
Designation:	Scientific Support Executive
Affiliation:	Biomeriux India Pvt ltd.

Program Summary

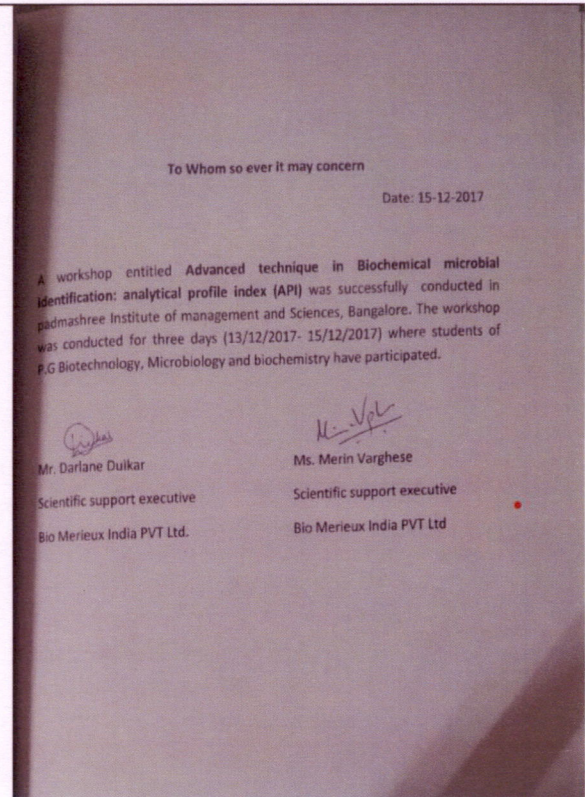
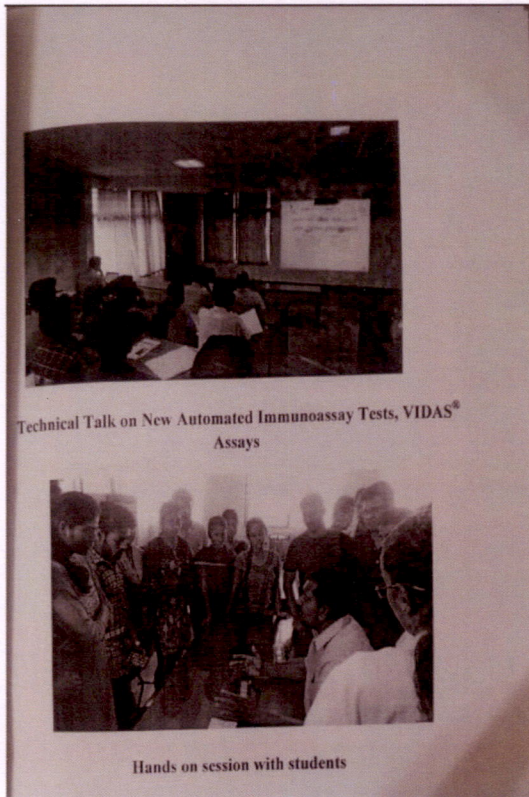
A workshop on "Bacterial Identification and Antibiotic Susceptibility Testing" was organized by Padmashree Institute of Management and Sciences in collaboration with Biomeriux India Pvt Ltd. The workshop aimed to educate students about the latest techniques and tools used in bacterial identification and antibiotic susceptibility testing. The resource persons from Biomeriux India Pvt Ltd, provided hands-on training to students on various methods of bacterial identification and antibiotic susceptibility testing.

The focus of the workshop was to provide students with an understanding of the existing traditional microbial detection methods, the advantages and disadvantages of these methods, and the latest rapid microbiology systems. The resource persons also gave hands-on training on automated VIDAL assay and rapid microbial detection. The program was well-received by the students and concluded with valedictory remarks by the Principal, Dr. Anuradha and distribution of certificates to students who successfully completed the program.




Dr. Anuradha. M
 Principal
 Padmashree Institute of
 Management & Sciences

**Photo gallery: Advanced Techniques in Biochemical and Microbial Identification:
Analytical Profile Index (API)**




Anuradha M
Dr. Anuradha. M
Principal
Padmashree Institute of
Management & Sciences


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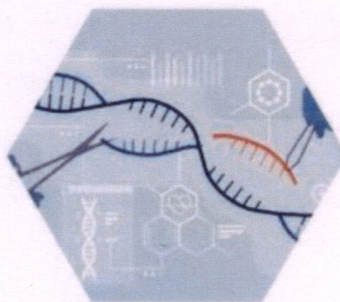
Skill Development Program on

PLANT GENETIC TRANSFORMATION TECHNIQUES

 09:30 am | January 29, 30 & 31, 2018

 Venue: Biotechnology Lab, Second floor

Resource Persons



Dr. Anuradha M
Principal, PIMS



Dr. Sudipta Kumar Mohanty
HOD., Biotechnology, PIMS

website: www.pims.org.in

SKILL DEVELOPMENT PROGRAM ON PLANT GENETIC TRANSFORMATION TECHNIQUES

Organized by Padmashree Institute of Management and Sciences

Date	29-01-2018 to 31-01-2018
Title	Skill development program on plant genetic transformation techniques
Resource Persons	Dr. Anuradha. M, Principal, Dr. Sudipta Kumar Mohanty, HOD, Department of Biotechnology, Padmashree Institute of Management and Sciences
No. of Participants	28
Event	Skill development program

Program schedule

Date	Time	Program Schedule
29/01/2018	09:00 to 9:30 AM	Registration and Inauguration
	09:30 to 11:00 AM	Genetic transformation of plants – (Theory)
	11:00 to 11:15 AM	Tea break
	11:15 to 01:30 PM	Hands on training on plant genetic transformation – preparation of leaf disc for transformation - (practical)
	01:30 to 02:00 PM	Lunch break
	03:00 to 04:30 PM	Hands on training on plant genetic transformation- Co cultivation of leaf disc with <i>Agrobacterium tumefaciens</i>
30/01/2018	09:30 to 11:00 AM	Selection and screening of transformed plants
	11:00 to 11:15 AM	Tea break
	11:15 to 01:30 PM	Hands on training on selection and screening of transformed plants – GUS method
	01:30 to 02:00 PM	Lunch
	02:00 to 03:00 PM	Primer designing using NEB and sigma tool
	03:00 to 04:30 PM	Polymerase Chain Reaction (PCR) technique and its applications
31/01/2018	09:30 to 11:00 AM	Role of bioreactor in plant secondary metabolite production
	11:00 to 11:15 AM	Tea break
	11:15 to 01:30 AM	Hands on molecular testing of insert /gene using PCR
	01:30 to 02:00 PM	Lunch break
	02:00 to 04:30 PM	Valedictory program

Resource Person/s**Name: Dr. Anuradha M.**

Designation: Principal,

Affiliation: Padmashree Institute of Management and Sciences

Phone no: 9902863900

Email address: pimsprincipal@gmail.com

**Name: Dr. Sudipta Kumar Mohanty**

Designation: Associate professor,

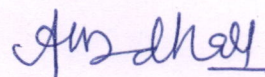
Affiliation: Padmashree Institute of Management and Sciences

Phone no: 9741433466

Email address: academiccellpims@gmail.com

Program Summary

Dr. Anuradha M. and Dr. Sudipta Kumar Mohanty conducted a three-day skill development program on transformation techniques in plants at the biotechnology lab of Padmashree Institute of Management and Sciences (PIMS). They provided in-depth knowledge about gene transformation techniques in plants and gave hands-on training to students on various techniques such as DNA extraction from plants using SDS, primer design, amplification of genes of interest using PCR, and a demonstration of the lab fermenter. The program was specifically designed for final-year M.Sc. students and aimed to enhance their skills in genetic transformation techniques and PCR. By the end of the program, the students had a better understanding of bioreactor technology and its applications. After successful completion, certificates were distributed to the students.



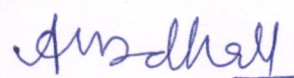
Dr. Anuradha. M
Principal
Padmashree Institute of
Management & Sciences

Photo gallery: Skill development program on plant genetic transformation techniques



Demonstration of Banana tissue culture




Dr. Anuradha. M
Principal
Padmashree Institute of
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PADMASHREE
INSTITUTE OF MANAGEMENT AND SCIENCES

TWO DAY NATIONAL WORKSHOP ON

Tools and Techniques for a Successful Research Career

2nd & 3rd of April 2018

JOINTLY ORGANIZED BY



PADMASHREE
INSTITUTE OF MANAGEMENT
AND SCIENCES



PADMASHREE
INSTITUTE OF MEDICAL
LAB TECHNOLOGY

WORK SHOP TAKEAWAY

- Effective article writing tips.
- Know how about technical publications process.
- Knowledge about plagiarism and Ethics in scientific publications.
- Tips for securing research funding.
- Process and need for Intellectual Property Rights.
- Process of patenting.

RESOURCE PERSONS

1. Prof. M .R;.N. Murthy
Scientist, IISc , Bangalore
2. Neeraj Gupta, CEO,
Formulate IP Pvt Ltd
3. Prof. G.A. Ravishankar,
Former Chief Scientist, CFTRI
4. Prof. S.R. Keshava,
Dept. of Economics,
Bangalore University
5. Prof. T. Pullaiah, Professor
Sri Krishnadevaraya University
6. Dr. Savithri Bhat
BMS College of Engineering

CONTACT US:

Dr. Anuradha. M +91-9902863900;
pimsprincipal@gmail.com
Dr. Veeranna.S+91-9900101741,
veerannapims@gmail.com

VENUE:

Padmashree Institute of Management & Sciences
Padmashree Campus, No. 149 Komaghatta
Sulikere Post, Kengeri, Bengaluru 560060

Anuradha

**TWO DAYS NATIONAL WORKSHOP ON
TOOLS AND TECHNIQUES FOR A SUCCESSFUL RESEARCH CAREER**

Organized by Padmashree Institute of Management and Sciences

Date	02/04/2018 to 03/04/2018
Title	National workshop on tools and techniques for a successful research career
No of participants	203
Event	Skill development program

Program Schedule

Date	Time	Program Schedule
02/04/2018	09:00 to 9:30 AM	Inauguration and welcome note
	09:30 to 11:00 AM	Current research opportunities in the field of Life Science
	11:00 to 11:15 AM	Tea break
	11:15 to 01:30 PM	Intellectual Property Rights- An overview
	01:30 to 02:00 PM	Lunch break
	03:00 to 04:30 PM	Research Ethics
03/04/2018	09:30 to 11:00 AM	Grant proposal writing
	11:00 to 11:15 AM	Tea break
	11:15 to 01:30 PM	Funding agencies and research support in India
	01:30 to 02:00 PM	Lunch
	02:00 to 03:00 PM	Panel discussion
	03:00 to 04:30 PM	Q & A session, valedictory

Resource person/s**Name: Dr. M.R.N. Murthy**

Designation: Professor in Molecular Biophysics Unit,

Affiliation: IISC, Bangalore

Phone no: (080)2337-2981

Email address : mrn@mbu.iisc.ernet.in

**Name: Dr. Savithri Bhat**

Designation: Professor,

Affiliation: BMS College of Engineering, Bangalore

Phone no: 9535067633

Email address: savithri.bt@bmsce.ac.in

**Name: Mr. Neeraj Gupta**

Designation: Founder and CEO,

Affiliation: Formulate IP Pvt Ltd., Based in India and USA

Email address: neeraj@formulatip.com

**Name: Prof. S.R. Keshava**

Designation: Professor. Economics,

Affiliation: Bangalore University, Bangalore

Phone no: 9480584544

Email address: sr_keshava@yahoo.com

**Name: Dr. T. Pullaiah**

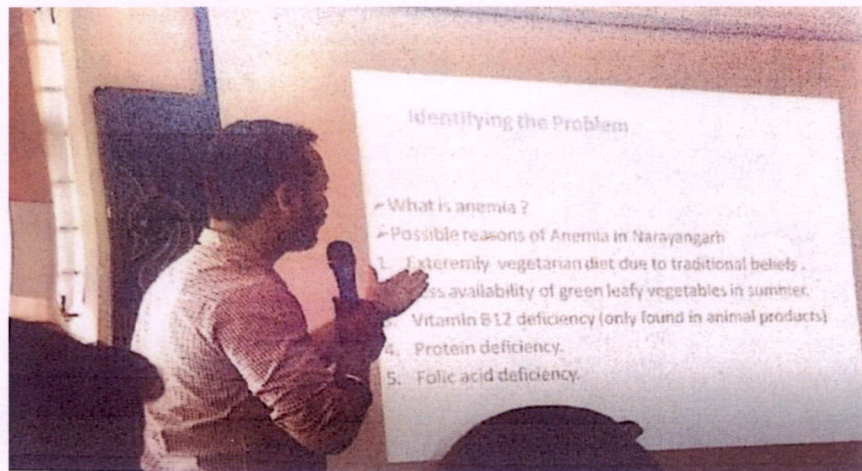
Designation: Professor of Botany (Retd.),

Affiliation: S.K University, Anantapur.

Phone no: 9440505664

Email address: pullaiah.thammineni@gmail.com

Photo Gallery: Tools and Techniques for a Successful Research Career



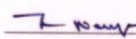
Certificate of participants

Organised by

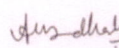


CERIFICATE OF PARTICIPATION
Tools & Techniques
For a successful Research Career

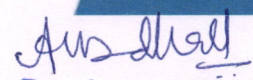
This is to Certify MR / MS
Has successfully participated in the workshop entitled "Tools & Techniques for a successful Research Career" conducted on 2nd & 3rd April 2018, jointly Organized by Padmashree Institute of Management and Sciences & Padmashree Institute of Medical Lab Technology, Bengaluru at Padmashree Campus.


Sri. T. K. Narayanappa
Managing trustee, PIMS


Mr. Satish
Chairman, PIMS


Dr. M. Anuradha
Principal, PIMS

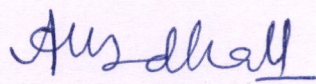



Dr. Anuradha. M
Principal
Padmashree Institute of
Management & Sciences

Program Summary

The National workshop on "Tools and Techniques for a Successful Research Career" was conducted on April 2nd and 3rd, 2018 at the college. The workshop was organized jointly by Padmashree Institute of Management and Sciences and Padmashree Institute of Medical Lab Technology. The students learned about current research opportunities, techniques for publishing research papers, writing research grant proposals, and the importance of research ethics. Ms. Neeraj Gupta spoke about the significance of patents, while Professor Keshava discussed research ethics. The students also received an overview of Intellectual Property Rights (IPR) in the modern world and information about funding organizations from Ms. Neeraj Gupta.




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