2016 - 17

A REPORT ON

"PROWESS - A NATIONAL LEVEL ANIMAL CELL CULTURE WORKSHOP"

16th - 17th DEC 2016

Organized by Department of Biotechnology, Prathyusha Engineering College and Life
Teck Research Centre, Chennai

INTRODUCTION:

ever developing dynamic field of research. Constant learning is the only way ahead to keep ourselves of the changes. Animal cell culture is the technology of the future. Research in this arena is bound to drive our future endeavors and quests to success. The workshop will focus on imparting valuable training in cell culture techniques through demonstrative and hands on training.

OBJECTIVE OF THE WORKSHOP

- > To make the young minds to be aware in modern biotechnology by knowing the cell culture technique.
- > To create interest in future research with the animal cell culture technique.
- > To update their skills in the field of Biotechnology.
- > To create an intermediate idea between basic to advanced research.

ABOUT THE INDUSTRY:

Life Teck Research Centre is the brain-child of Dr. Seethalakshmi Illanchezian, envisaged in the year 2004. Owing to the mammoth efforts of our Founder and Director, LTRC has now emerged as a pioneer in its own merit in the field of Biotechnology, driven by motivated professionals.

Presently, tireless efforts are being put into research on contract basis, providing hands-ontraining, driving bio projects to completion and aiding publishing of research papers in reputed national and international journals.

At LTRC, every task is handled with the pride of workmanship and meticulously crafted perfection. With each passing day, our dreams only grow bigger. Goals are set; milestones are reached, all in the efforts to make LTRC a competent global enterprise.

ORGANIZING MEMBERS:

Chief patrons Shri. Raja Rao Founder Chairman, Smt. P Prathyusha, CEO. Dr Ramesh P LN, Principal, PEC, Dr Seethalakshmi Illanchezian, Founder Director, Life Teck Research Centre as convenors.

Academy of Biological Sciences on 2008, Fellow, Biotechnology Research Society of India on

Position held: As an Emeritus Professor at A. C. Tech, Anna University, As a Vice-Chancellor in Anna University (Officiating), As a Vice-Chancellor Convenor Committee in Anna University Member, As a Dean at A. C. Tech, Anna University, As a Director & Head of the Department Centre for Biotechnology, Anna University, As a Reader (Faculty of Technology) as a Visiting Faculty in Centre for Biotechnology, Anna University, (Faculty of Technology) and As a Research Director at Span Research Centre, Surat.

Valedictory Function:

Honorable Justice M Govindaraj, Judge, Madras High Court.

WORKSHOP:

Day 1:

The day 1 workshop started at 8.15 am with registration of participating candidates by receiving workshop kit containing manual to the each registered candidates. We welcomed the active participants with inaugural function with the invited chief guest Professor Dr. Kaliraj, Former vice Chancellor Anna University at seminar hall. He motivated in his inaugural address to the students for the future research in the field of biotechnology like preparation of monoclonal antibodies, animal cell culture application for analyzing cytotoxicity and treatment of cancer etc. He wished all the students who chosen this field and mentioned the importance of studying biotechnology.

Followed by a small refreshment the introduction about the workshop was given by the Founder Director of LTRC, Dr. Seethalakshmi Illanchezhian. She briefly discussed with the power point presentation about what is cell culture, why we need to study, what are the methodology used, how the process will be carried out and how it will be preserved. This gave an idea to the participants to carry out their hands on training.

The participants were then divided in to 6 teams for the laboratory practices. 2 teams per lab likewise 6 teams were allocated in three laboratories in biotechnology department called Genetic Engineering lab, Bioprocess lab, and Biochemistry lab.

The participants were learnt about the media preparation for cell culture. Especially the preparation of Minimal essential media were learnt by the participants with the specific ingredients and the uses of adding for it. Followed by the sterilization techniques were learnt by them hence this is the very important step in animal cell culture. After sterilization they were learnt about the passaging method with handling of materials used. Followed by the stock culture preparation were learnt by them, which helps for passaging the culture in to fresh medium. Finally they were aware of the incubation of culture at a particular temperature and other parameters involved for the proper

PRATHYUSHA ENGINEERING COLLEGE

DEPARTMENT OF PLACEMENT, TRAINING AND STUDENT AFFAIRS

29th July 2016

CIRCULAR BY EMAIL

INDUSTRIAL VISIT OF BIOTECHNOLOGY III YEAR STUDENTS TO MEDOX BIOTECH INDIA PVT LTD

As part of exposure learning cum outdoor training programme, a contingent of 33 students of III Year Biotechnology will proceed to Medox Biotech India Pvt Ltd, Gummidipoondi on 30th July 2016.

The contingent will be escorted by Dr. Thenmozhi -AP, Mrs. Lavanya G - AP, & Mr. Rama Krishnan - Lab Instructor Department of Biotechnology.

Turn Out: All participants will turnout properly adhering to the following Instructions

a. Dress Code for Boys: Dark Coloured trousers and light coloured full sleeve shirts neatly tucked in with neck tie and well polished shoes, proper Haircut and shaving if necessary

b. Dress Code for Girls: Girls will also turn out properly following college dress code in letter and spirit i.e Chudidhar with Sleeve

c. Identity Card: The escort faculty and all students undertaking the Industrial Visit should be in possession of their I Card.

A detailed programme of the visit is mentioned hereunder.

S. No	Time Schedule	Description
1	7.40 AM	Arrival at college
2	8.00 AM	Fall in /Assemble in front of Admin Block
3	8.10 AM	Departure by college bus to Medox Biotech Gummidipoondi
4	10.10 AM	Arrival at Medox Biotech India Pvt Ltd
5	10.10 AM to 1.10 PM	Briefing & Company Visit
6	1.10 to 1.45 PM	Lunch
7	1.50 PM	Departure for PEC
8	3.50 PM	Arrival at college

The escorts will give OK report from time to time. They will also ensure that the students maintain proper discipline and decorum during the entire visit. Roll call to be taken at all important points. On arrival the faculty i/c will give feedback report of the visit to PPL / Director (F&T).

RG. Thayakaran Director (P&T)

Principal

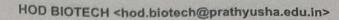
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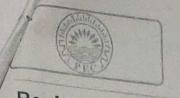
Chairman / CEO / Advisor

1. Head - Biotechnology

2.ES to Principal with request to Post / Display this matter in PEC Website in consultation with the Principal.

3. Transport incharge: You are requested to detail suitable bus for the above industrial visit





Re: Industrial Visit for III year Biotech Students - Reg

Prathyusha Placement <place_prathyusha@yahoo.com>
Reply-To: Prathyusha Placement <place_prathyusha@yahoo.com>
To: medoxbiotech <info@medoxbio.com>
Cc: HOD BIOTECH <hod.biotech@prathyusha.edu.in>

Thu, Jul 21, 2016 at 1:12 PM

Ref:

Date: 21st July 2016

To Ms.R. Rubini, Medox Biotech India Pvt Ltd, 53/A, New No.24, 48th Street, 9th Avenue, Ashok Nagar, Chennai – 600083.

Dear Madam,

We are in receipt of your email dated 20th July 2016. We thank you for the same and for granting permission to visit your factory on 30th July 2016. The list of students and the escort faculty is enclosed herewith for necessary information and action please.

With Regards,

RG. Thayakaran, Director (P&T) \$\square\$566106682

On Wednesday, 20 July 2016 11:42 AM, medoxbiotech <info@medoxbio.com> wrote:

Dear Madam,

Thanks for your mail. We hereby confirm you to visit our factory on 30.07.2016

Thanks & Regards

Your's Sincerely,

L.Rubini

MEDOX Biotech India Pvt.Ltd.

53/A(New no:24)48th Street 9th Avenue,Ashok Nagar CHENNAI-600 083,IndiaPhone:+91-44-2474 4031/34

Fax: +91-44-2371 0730 email: info@medoxbio.com web:www.medoxbio.com

u.in>

---- Original Message ----From: Prathyusha Placement

To: ssj@medoxbio.com; info@medoxbio.com

Cc: HOD BIOTECH

Sent: Monday, July 18, 2016 11:44 AM

Subject: Industrial Visit for III year Biotech Students - Reg

PRATHYUSHA ENGINEERING COLLEGE

(An ISO 9001:2008 Certified Institution)

(APPROVED BY AICTE - NBA & AFFILIATED TO ANNA UNIVERSITY, CHENNAI)

POONAMALLEE-TIRUVALLUR ROAD, ARANVOYAL KUPPAM, CHENNAI – 602 025

Tel: 044-3767 3767, 765, 68, 69 Fax: 044-3767 3703

E mail: place_prathyusha@yahoo.com

Ex. Capt (NCC) RG. Thayakaran,

M.A., (Eng. Lit) M.Ed., L.L.B, PGDHRM, (M. Phil)

Director.

Placement, Training and Students Affairs

18th July 2016

To

Mr. Selvaraj,

Medox Biotech India Pvt Ltd,

No 53/A (New #24) 48th Street,

9th Avenue, Ashok Nagar, Chennai -600083

Sub.: Prathyusha Engineering College (PEC) - Grant of permission for Industrial Visit - Requested - Reg

Ref: Telecon had between Mr. Selva Raj, Medox Biotech India Pvt Ltd and Dr. Dasarathan, Head – Biotechnology on 18th July 2016.

Dear Sir.

Greetings from Prathyusha Engineering College (PEC),

As you are probably well aware that this institute located in the outskirts of Tiruvallur is a reputed Technical Institute offering Under/ Post Graduate, M.S and Ph.D courses in various Engineering disciplines.

Our curriculum entails exposure learning to both Theory and Practice. Industrial Visit is an integral part of the curriculum. In this regard, our students particularly II to IV Year are required to visit an Industry of repute. The above visit enables the students to gain an insight into the general working of the organization, the structure and functional area of the various departments/ units. This exposure/induction would also enable our students to serve your industry after the completion of their studies if required.

Towards achieving these objectives, we would like to send a contingent of 33 students of III Year Biotechnology for above Industrial Visit to your reputed organization on any working day during July 2016. You are therefore, requested to accord necessary permission for the above visit.

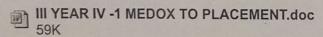
We appreciate your generous support and patronage in our earnest endeavour to train the budding engineering personnel.

Looking forwarded to hearing from you.

Thanking You Sir,

Yours Sincerely, RG. Thayakaran, Director (P&T), 9566106682

2 attachments



thanks Itr to medox .docx 1349K

PRATHYUSHA ENGINEERING COLLEGE DEPARTMENT OF BIOTECHNOLOGY REPORT ON INDUSTRIAL VISIT

TO

MEDOX BIOTECH PVT. LTD., GUMMIDIPOONDI

Overview:

On receiving the letter permission from "Medox Biotech Pvt. Ltd.", Gummidipoondi, the students of third year Biotechnology were taken for the industrial visit as a part of exposure learning cum outdoor training program on 30.07.2016. This industrial visit was aimed to fulfill the knowledge about the preparation of laboratory kits on related to the curriculum BT6504 – Molecular Biology and BT6512 – Molecular biology Lab.

Objective of the visit:

- > To know the preparation of laboratory kits
- > To observe the sterilization methods for the chemicals involved and the containers.
- > To get the knowledge about preservation techniques used for the chemicals.
- > Handling methodology and tips during experiments.

Details of the Journey:

Dr. M. Thenmozhi and Mrs. G. Lavanya along with 33 students and one lab technician Mr. Ramakrishnan were started travelling from college campus at 08.45 am via college bus (No.21) on 30.07.2016 and reached to the Medox Biotech Pvt. Ltd., within one and half hours.

Briefing about visit:

7

Ms. Kartikha, Quality analyst of Medox Biotech Pvt India, introduced herself and welcomed the students with refreshment and explained about various production processing units in Medox, Biotech Pvt India. The students were made into two batches for better learning and interaction with the company people. First she has taken us to production unit I followed by production unit II. There she briefed about the production process of molecular biology and immunology kit. She explained the preparation of various buffers used in various kits. She also explained about the kit components, sterilization, and description in pack(cat No, lot No, quantity), packaging, preservation and storage under different temperature. She also added the

material in which the container made up of, protocol description and explanation about the product.

Then Mr.Rajesh took us to production unit II. There he explained about the working and principle of electrical instruments like Power box of Electrophoresis unit (for both Agarose and SDS PAGE), PH metre, UV transilluminator. The students learnt the function and working of various electrical and electronic parts in the instrument used for molecular biology and they also interacted with the company workers who were working in the unit to clarify the doubts.

The students were taken to the manufacturing unit. There, Mr. Mohammed explained manufacturing the apparatus with the modification based on the customer requirements and they demonstrated the process.

They took us to the Plant tissue culture unit. Ms. Valli explained the various process of developing a tissue in a medium with its requirements and its desired condition. She also stated the media composition that has different vitamins, minerals and other components required for the growth of callus. They showed the cultured hybrid plant.

Conclusion:

Finally the visit was end with feedback given by them and students. The students were happy for updating their knowledge in practical oriented molecular Biology. The students thanked Ms. Karthiga, Mr. Ramesh, Ms. Valli, Mr. Mohammed for spending their valuable time for sharing their knowledge and experience and also thanked them for the giving us permission to visit there. Then started from Medox by 1.45 pm after lunch. We reached college by 3.30 pm with full of satisfaction.

Concept learnt by the student:

- Molecular techniques
- > Result observation of molecular experiments
- > Kit preparation
- > Sterilization of molecular Kit
- > Preservation and storage of kit
- > Packing description
- > Plant tissue culture
- > Green house garden

It would be great pleasure to thank our management and Principal for providing the opportunity and given permission to visit on the given date. Also like to thank Placement Dean and HOD of Biotechnology department for arranging this industrial visit for the students beneficial.

Thank you...





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. : AADCN2564QSDOO2

Date: 15.09.2016

To,
THE HoD
ECE Department
Prathyusha engineering College
Thiruvallur.

Dear sir / mam,

This is for your kinds notice that in our company - NanoPV Solar India Pvt Itd, we provide project works for Engineering college students to work under us in testing and the improving the efficiency of Third generation Solar panel before and after installation.

The nature of job will be both indoor and outdoor.

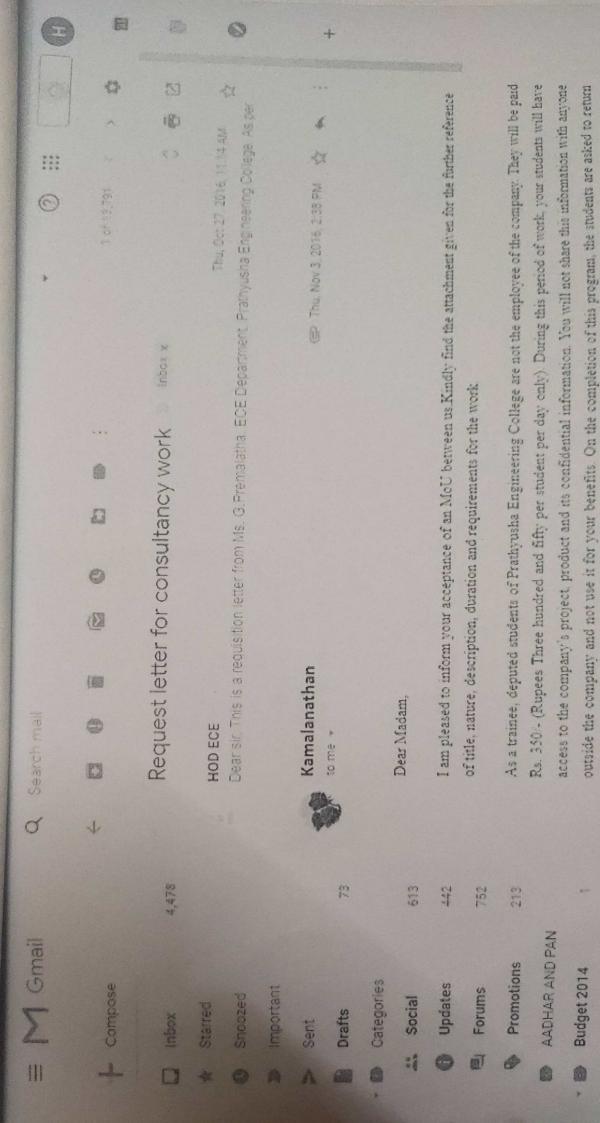
If you are interested to do project along with us let us proceed further.

With regards,

sanlath

[Mr.K.Kamalanathan] [Project Manager]





all the documents of the company

budget 2014-2015

CAREERS -15-16

Best Wishes,

EMI/EMC course file de...

graduation day 2015



Namo I'V Solar India I' Ltd

(An Affiliate of NanoPV Technologies, NJ, USA)

CST No. 1125110 Dt 11.02.2013. TIN No. : 33611724222

SERVICE TAX NO.: AADCN2564QSDOO2

Date: 01.04.2017

Letter of Appreciation

Dear Abhilash S,

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 wishes.

[Mr.K.Kamalanathan]





Namo PV Solar India P Ltd

(An Affiliate of NanoPV Technologies, NJ, USA)

CST No. 1125110 Dt 11.02.2013. TIN No. : 33611724222

SERVICE TAX NO.: AADCN2564QSDOO2

Date: 01.04.2017

Letter of Appreciation

Dear Bommisetty Penchala Jagadish,

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Best wishes,

[Mr.K.Kamalanathan]





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(An Affiliate of NanoDV Technologies, NJ. USA)

CST No. 1125110 Dt 11.02.2013.

TIN No.: 33611724222 SERVICE TAX NO.: AADCN2564QSD002

Date: 01.04.2017

Letter of Appreciation

Dear Alluru Sumaneesh,

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 wishes,

[Mr.K.Kamalanathan]





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(An Affiliate of NanoPV Technologies, NJ, USA)

CST No. 1125110 Dt 11.02,2013. TIN No. : 33611724222

SERVICE TAX NO. : AADCN2564QSDOOZ

Date: 01.04.2017

Letter of Appreciation

Dear Mohamed Mujber Rahaman . 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.

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Best wishes,

[Mr.K.Kamalanathan]





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(An Affiliate of NanoPV Technologies, NJ, USA)

CST No. 1125110 Dt 11.02.2013.

TIN No.: 33611724222 SERVICE TAX NO.: AADCN2564QSD002

Date: 01.04.2017

Letter of Appreciation

Dear Mohamed Thariq A,

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 wishes,

[Mr.K.Kamalanathan]





Sanol'V Solar India P Ltd

(An Altibate of NanoPV Technologies, NJ, USA)

CST No. 1125110 Dt 11.02.2013.

TIN No : 33611724222 SERVICE TAX NO : AADCN2564Q5D002

Date: 01.04.2017

Letter of Appreciation

Dear Sathish Kumar T,

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 wishes,

[Mr.K.Kamalanathan]





Nanol's Solar India P Lad

(An Affiliate of NanoDV Technologies, NJ, USA)

CST No. 1125110 Dt 11.02.2013. TIN No. : 33611724222

SERVICE TAX NO.: AADCN2564QSDOO2

Date: 01.04.2017

Letter of Appreciation

Dear Yaswanth.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 wishes,

[Mr.K.Kamalanathan]





Nanol'V Solar Ludia & Lad

(An Affiliate of NanoPV Technologies, NJ, USA)

CST No. 1125110 Dt 11.02.2013.
TIN No.: 33611724222
SERVICE TAX NO.: AADCN2564050002

Date: 01.04.2017

Letter of Appreciation

Dear Vinay Kumar P V,

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 wishes,

[Mr.K.Kamalanathan]





Vanol'V Solar India P Ltd

(An Affiliate of NanoPV Technologies, NJ, USA)

CST No. 1125110 Dt 11.02.2013. TIN No. : 33611724222

SERVICE TAX NO. : AADCN2564QSDOO2

Date: 01.04.2017

Letter of Appreciation

Dear Sathishraja K,

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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Best wishes,

[Mr.K.Kamalanathan]

[Project Manager]

SOLAP NO.

Green, Efficient, Affordable Sun Electricity For All



CST No. 1125110 Dt 11.02.2013.

TIN No. : 33611724222

SERVICE TAX NO. : AADCN2564Q5DOO2

Nangenten V Senting Angelien Un A. eet

(An Affiliate of NanaPV Technologies, NJ, USA)

Date: 01.04.2017

Letter of Appreciation

Dear Kidambi Nanda Kishore,

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 wishes,

[Mr.K.Kamalanathan]

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REPORT ON CATIA TRAINING

Nam	e of the	Mr. R. Daniel ON CATIA TRAINING			
desig	/ gnation	Mr.R.Ragavendran Assistant Professor	Date	04.08.2016	
Depa	rtment	Mechanical			
Venu	Venue	Engineering	Type of Programme	TRAINING	
		TVS HARITHA LAB			

ABOUT TRAINING

We have conducted catia training from 04.08.2016 to 08.08.2016 with industry Mr.R.PATHMANABAN, CAD Design Engineer in VALEO INDIA PVT LTD, CHENNAI for II and final year Mechanical Students.

TITLE: MODELLING AND DRAFTING IN CATIA V5

PROFILE OF TRAINER

EXPERT NAME: Mr.R.PADHMANABAN

DESIGNATION: CAD DESIGN ENGINEER

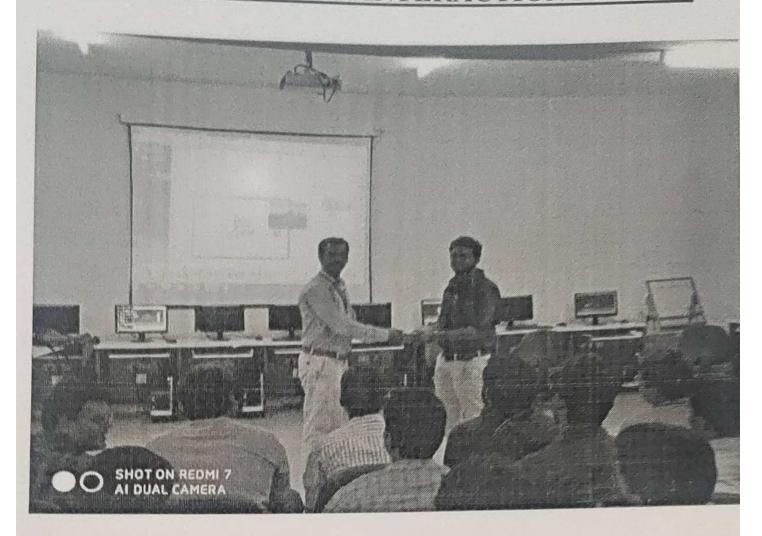
INDUSTRY NAME: VALEO INDIA PVT LTD, CHENNAI

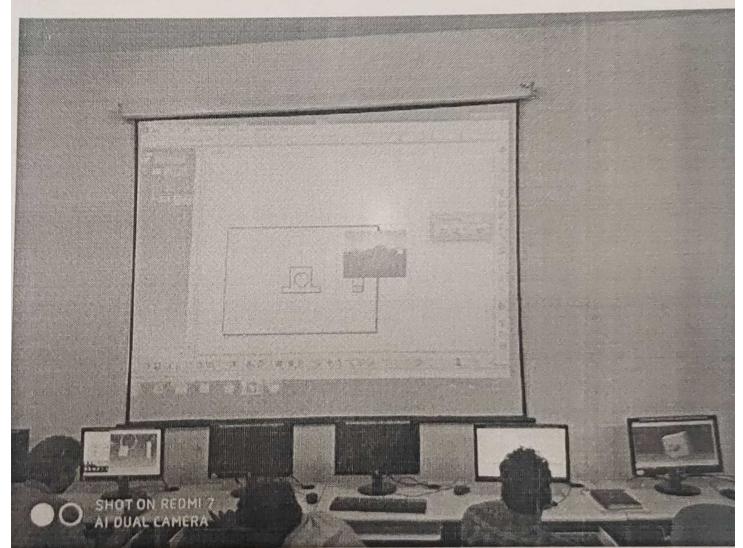
Experience: 5 Years

Topics Covered:

- 1. Geometric point creations in Catia v5
- 2. Usage of various tools in Catia v5
- 3. Creation of plastic components using Surface
- 4. Drafting
- 5. How to approach the industry
- 6. How to face the interviews
- 7. Share his experience and guidelines

INDUSTRY EXPERT INTERACTION PHOTOS





From

P. JAYARAMAN, The HOD,

Department of Mechanical Engg.,

Prathyusha Inst of technology and Management, Aranvoal kuppam, Trivellore-602025

To,

The HR manager, Future Automation India Pvt. Ltd PERUNGUDI, 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 1.12.2016 else

any convenient days as per your availability.

I request your kind co-operation in this regard.

Thanking you and with regards

Place: Thiruvallur

Yours faithfully

witment of Mechanical Engineering
yusha Engineering College
yoyalkuppam
hi wallur - 602025.

REPORT ON INDUSTRIAL VISIT (MECHANICAL DEPARTMENT)

Name of the staffs / designation	Dr. P. Mohamed Ali Assistant Professor	Date	1.12.2016
Department	Mechanical Engineering	Type of	INDUSTRIAL VISIT
Venue	Perungudi,	Programme Title of Programme	INDUSTRIAL VISIT

ABOUT INDUSTRIAL VISIT

The students of II Year Mechanical engineering visited M/s Future Automation India Pvt. Ltd, on 1.12.2016

ABOUT INDUSTRY

Nature of Business: Cylinder Block, Cylinder Head Manufacturing Company

Company Address: Panchayat Office Rd, Phase-1, Vijayendra Nagar, Perungudi, Chennai, Tamil Nadu 600096

About Company:

M/s Future Automation provides innovative light weighting solutions for the global automotive industry and the advancement of sustainable mobility. We exceed expectations while driving growth and profitability. A high-tech auto parts supplier, M/s Future Automation Aluminum Castings India Private Limited was founded in Chennai, India in 2010. As M/s Future Automation's first plant in India, it provides high-tech aluminum cylinder heads and engine blocks for Ford, Tata and Renault.

Located in the Ford Supplier Park-II, M/s Future Automation Chennai plant covers an area of 435,000 square feet (40,468 square meters) with total investment of USD 33 million. M/s Future Automation Chennai plant specializes in manufacturing high-tech aluminum components including cylinder heads and engine blocks, providing light-weight solutions for the premium brands in the automotive industry.

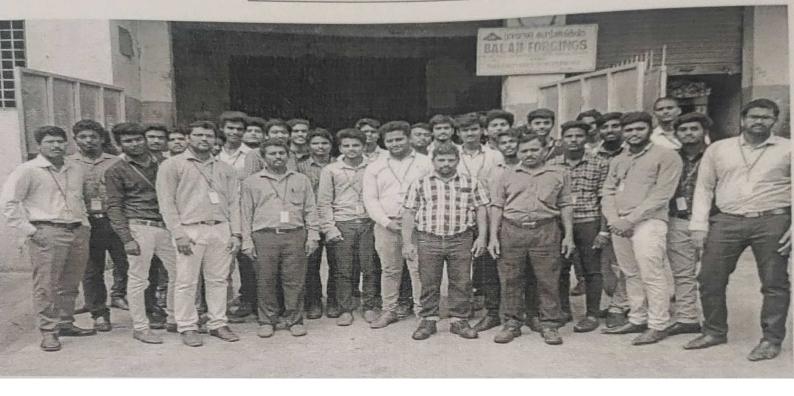
The casting technologies applied at this plant are:

- 1. High Pressure Die Casting
- 2. Gravity Die Casting

OUTCOME OF INDUSTRIAL VISIT:

- 1. Students understand the process of casting of cylinder block and head.
- 2. Students learned about casting methods.
- 3. Students viewed different testing method of inspection of defects.
- 4. Students aware of Safety aspect in industries.
- 5. Students understand different heat treatment methods for hardening and aging.

PHOTO OF INDUSTRIAL VISIT



From

P. JAYARAMAN, The HOD,

Department of Mechanical Engg.,

Prathyusha Inst of technology and Management, Aranvoal kuppam, Trivellore-602025

To.

The HR manager, AL-SAFA INTERNATIONAL PVT. LTD., PERUNGUDI, 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 27.12.2016 else any convenient days as per your availability.

I request your kind co-operation in this regard.

Thanking you and with regards

Place: Thiruvallur

Department of Mechanical Engineering Prathyusha Engineering College Aranvoyalkuppam Thiruvallur - 602025.

REPORT ON INDUSTRIAL VISIT (MECHANICAL DEPARTMENT)

Name of the staffs / designation	R.KARTHICK Assistant Professor	Date	27.12.2016
Department	Mechanical Engineering	Type of Programme	INDUSTRIAL VISIT
Venue	PERUNGUDI	Title of Programme	INDUSTRIAL VISIT

ABOUT INDUSTRIAL VISIT

The students of III Year Mechanical engineering visited "AL-SAFA INTERNATIONAL PVT. LTD.,

PERUNGUDI, CHENNAI

ABOUT INDUSTRY

Nature of Business: AL-SAFA INTERNATIONAL PVT. LTD.,

Company Address: AMBATTUR

About Company:

AL-SAFA INTERNATIONAL PVT. LTD company that was established in 2011, in Chennai. Al-safa provides training in a variety of domains from automotive and engineering to finance and retail. It provides training and assured employment to unemployed youth across the country.

Al-safa offers training programs in 5 divisions:

B2B | Skill enhancement for the Industry Personnel

B2E | Program For Engineering Graduates

B2G | Business With Government

BFSI | Sales Academy For Banking, Finance & Insurance

NEEM Scheme | On the Job Training

Al-safa has 5 state-of-the-art technical training centres, 4 in Chennai and one in Sri city. The centres combined have over 30 class rooms, 20 labs/workshops with state-of-the- art equipment for engineering/manufacturing training. We provide boarding and lodging for all outstation students.

OUTCOME OF INDUSTRIAL VISIT:

The top 10 companies where we have placed our candidates are -

- 1. TVS Motors
- 2. Sundram Fasteners Ltd.
- 3. Bosch
- 4. Daimler
- 5. Titan
- 6. The India Cements Ltd.
- 7. Madras Engineering Industries

PHOTO OF INDUSTRIAL VISIT

