



Nehru College of Engineering and Research Centre

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& Affiliated to APJ AbdulKalam Technological University (KTU)



DE

Criterion	Description
6.3.3	Average percentage of teachers provided with financial support to attend conferences /workshops and towards membership fee of professional bodies during the last five years

Date (from to)DD/MM/YY	Title of the professional development program organized for teaching staff	Total No. of	Title of the professional development program organized for non-teaching staff
11-12-2015	Identifying research problem in social science		
19-3-2016	Training program on Klystron Microwave Bench		Training program on Klystron Microwave Bench
14-07-2015 to 15-07-2015			CNC machines and part programming
17-12-2015 to 18-12-2015	Training Program on Design of Experiments (DoE)		
26-6-2015 to 27-6-2015	Training Program on AUTO CAD		
5-8-2015	Linux OS		
10-07-2015	Training On Education Technology		
13-7-2015	Science of Measurements and Calibration		
15-1-2016	Synchronization of generators		

AY 2015-'16



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Nehru College of
Engineering and Research Centre
Pampady Thiruvilwamala, Thirissur Dt.
Pin - 680 597, Kerala

(Sponsors : Nehru College of Educational and Charitable Trust)

College Campus : Nila Gardens, Pampady, Near Lakkidi Rly. Station, Thiruvilwamala, Thirissur (Dist), Kerala - 680 588
Tel / Fax : +91 4884 - 282070, 284000. E-mail : office@ncerc.ac.in, admissions@ncerc.ac.in, web : www.ncerc.ac.in



ISO 9001:2015
Reg. No. 807981



NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE
NEHRU SCHOOL OF MANAGEMENT
NILA GARDENS, PAMPADY



NSM/Academic/2014

8/12/2015

To,
The Principal,
NCERC, Pampady

Dear Madam,

Sub: Request to conduct Training program in identifying research areas and research problems

We are planning to organize a training program in identifying research areas and research problems for all faculties of NCERC on 11th December 2015. Research is an area where we need to constantly update and identify the relevant areas. We kindly request you to approve it. The resource person is Mr. Sreekumar,

Thanking You,

Director,
Nehru School of Management




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Pin 680 597 Kerala



NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE
NEHRU SCHOOL OF MANAGEMENT
NILA GARDENS, PAMPADY



NSM/Academic/2015

09/12/2015

CIRCULAR

This is to inform all the faculties of Nehru College of Engineering and Research Centre that Nehru School of Management is organizing a training program in identifying research problems in the area of social sciences at Kapila on the 11th December 2015. All are invited to participate.

Director,

Nehru School of Management

CC:
The Principal, NCERC
Campus Manager, NCERC
Academic Office, NCERC



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Nehru College of
Engineering and Research Centre
Pampady Thiruvananthapuram

**NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE
PAMPADY, THIRUVILVAMALA**

Cordially invite all faculties of NCERC to

One DAY TRAINING ON

Identifying research problem in social sciences

Resource Person : Mr. Sreekumar T

Dates: 11th December 2015

Timing: 10.00AM to 3.00 PM

venue : KAPILA



Organized by Nehru School of Management


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Nehru College of
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Pampady, Thiruvilvamala, Thrissur
Pin - 696 597 Kerala

For any clarifications contact Dean/Coordinator Mr. Dinesh / dinesh.nem@ncerc.ac.in

AGENDA

Day 1

- 10.00 AM : Director Address (Mr.Umesh Neelakantan)
- 10.15 AM: Introduction of Resource Person (by Program Coordinator)
- 10.30 AM -11.00AM: Introduction to the training program (by Resource Person)
- 11.00 AM -11.15 AM: Tea Break
- 11.15 AM - 01.15 PM: Session 1
- 01.15 PM to 02.00 PM: Lunch
- 02.00 PM - 03.30 PM: Session 2
- 3.30 PM - 3.45PM: Vote of thanks

Mr. Umesh



[Signature]

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Engineering and Research Centre/
Parassery, Thiruvilwamala, Thrissur District,
Kerala. Pin - 690 587

Nehru School of Management

Nila Gardens, NCERC

Program Report

Preface

A research problem is the main organizing principle guiding the analysis of a research paper. The problem under investigation offers an occasion for writing and a focus that governs what is to be researched and written. It represents the core subject matter of scholarly communication, and the means by which to arrive at other topics of conversations and the discovery of new knowledge and understanding.

Program content

Program Name: Research problem and area identification in social science

Dates: 11th December 2015

Venue: Kapila, NCERC

Resource Person: Mr.Sreekumar

The sessions was handled by Mr.Sreekumar who is in the last stages of his doctoral studies. He touched mainly on topics like how to start a research, how to find out the research problems and areas which are relevant in today's scenario. The session was organized with a mixture of seminar and discussions. So it was both concept based and practical. The program was divided into 2 sessions. The details of the session are as follows

Session 1

Introduction to research problem and how to start a research was clearly presented to the participants. The presentation divided into three parts. Part one was about when the topic is given to a researcher how can they go forward with the research. Part two was about when a list of topics are given to the researcher how they can go forward. Part three when the researcher is given the freedom to choose the topic. These topics gave a clear idea about how to start a research and how to identify the problem.

Session 2

This session focused on discussion on relevant topics and about journals and scope of leading UGC care journals.

Finally last 5 mins in the presence of the Director, NSM the coordinator concluded the program with the vote of Thanks


Coordinator

Nehru School of management




Director

Nehru School of management

Nehru College of Engineering and Research Centre

Nehru School of Management

Program	Research Problem	
Attendance (11th December 2015)		
SI No	Faculty name	
1	UMESH	<u>UL</u>
2	MUHAMMED SAJJAD	
3	VIJAY AKUMAR	
4	NEETHU MOL	
5	KRIS HNA MOORTHY S	<u>Krishnamoorthy</u>
6	VIPIN KUMAR	
7	ALEX	<u>alex</u>
8	ASHA	<u>Asha</u>
9	DINE SH	<u>Dinesh</u>
10	SATHEESH KUMAR	<u>Satheesh Kumar</u>
11	CHANDRAKALA	<u>Chandakala</u>
12	PRAMOD	<u>Pramod</u>
13	ANITHA	
14	GIRIDHAR	<u>Giridhar</u>
15	RAMAKRISHNAN	<u>Ramakrishnan</u>
16	SUDHEER	<u>Sudheer</u>
17	SARAVANAN	
18	DEEPA	<u>Deepa</u>
19	JAYA MOL	<u>Jaya Mol</u>
20	JAYA RAJA N	
21	ANISHA	<u>Anisha</u>
22	RAJE EV	
23	MURUGANANTHAM	<u>Muruganatham</u>
24	HAFZAL	<u>Hafzal</u>
25	SHILPA	<u>Shilpa</u>



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Certificate

This is to Certify that Mr/Ms/Prof/Dr. ASHA.....of

NCERC has Successfully Participated in Training Program on

.....RESEARCH PROBLEM.....

By department of MANAGEMENT..... conducted on 11th Dec. 2015.

at Nehru College of Engineering and Research Centre, Pampady, Thrissur.



[Signature]

PROGRAM CO-ORDINATOR

[Signature]

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Pin 580 597 Kerala



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By department of Management..... conducted on 11th Dec. 2015.

at Nehru College of Engineering and Research Centre, Pampady, Thrissur.



[Signature]

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NCERC has Successfully Participated in Training Program on

RESEARCH PROBLEM.....

By department of Management..... conducted on 11th Dec. 2015

at Nehru College of Engineering and Research Centre, Pampady, Thrissur.



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PROGRAM CO-ORDINATOR

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This is to Certify that Mr/Ms/Prof/Dr. RAMAKRISHNAN.....of
NCERC has Successfully Participated in Training Program on

.....RESEARCH PROGRAM.....

By department of MANAGEMENT..... conducted on 11th Dec. 2015
at Nehru College of Engineering and Research Centre, Pampady, Thrissur.



PROGRAM CO-ORDINATOR

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Pin. 686 05. Kerala



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This is to Certify that Mr/Ms/Prof/Dr. G.R.DHAR.....of

NCERC has Successfully Participated in Training Program on

RESEARCH PROBLEM.....

By department of MANAGEMENT..... conducted on 11th Dec. 2015
at Nehru College of Engineering and Research Centre, Pampady, Thrissur.

[Signature]

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[Signature]

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Nehru College of Engineering and Research Centre (NCERC)
Nila Gardens, Thiruvilwamala
Department of Electronics and Communication Engineering

Program Title: Training on "Klystron Microwave bench"

Date: 19-03-2016

Resource Persons: Shri. P. A. David, Microwave Instruments, Bangalore

Venue: Communication Lab, NCERC

Cordially invite all interested faculties and lab staff of NCERC to this event.

Coordinator: Mr. Jinto Chako, Asst Professor ECE Department (Contact: 9447503714)

Timing: 10.00am to 4.00 pm

Agenda

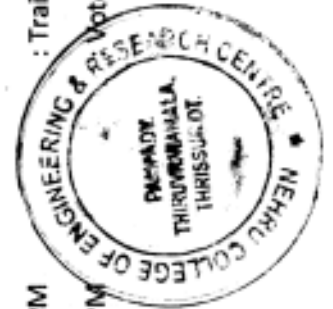
- 10.00 AM : Welcome Address (HoD ECE Department)
- 10.15 AM : Introduction to Resource Person (Coordinator)
- 10.30 AM -11.15 AM : Address by Resource person
- 11.15 AM -11.30 AM : Tea Break
- 11.40 AM – 01.00 PM : Training Session by Resource Person
- 01.15 PM to 02.00 PM : Lunch
- 02.00 PM – 04:00 PM : Training Session by Resource Person and Q&A
- 04:00 PM – 04:10 PM : Vote of Thanks (Coordinator)



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19/03/2016

To
The Principal,
NCERC, Pampady

Dear Sir/Madam,

Sub: Training on "Klystron Microwave bench" Reg.,

We are planning to organize Training program on "Klystron Microwave bench" for ECE department faculties and lab staff of NCERC on 03-02-2016. We kindly request you to approve it. The Resource person is Shri. P.A. David, Microwave Instruments, Bangalore.

Thanking You,

HoD,
ECE Department

Principal

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NCERC/3128/F/AC/2016

10/03/2016

CIRCULAR

**Subject: NCERC – Training program on “Klystron Microwave bench” –
Regarding.**

This is to inform Faculty members and Lab staff of ECE Department, Nehru College of Engineering and Research Centre that a Training program on “Klystron Microwave bench”, will be hosted ECE Department on 19-02-2016. All are invited to participate.



Principal

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Copy to: All HoDs, for action and to circulate among all Faculty Members.

Academic Office Superintendent/Welfare Officer/Workshop Suptd

Campus Manager/HR



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Nehru College of Engineering and Research Centre

Nila Gardens, Pampady

ECE Department

Program Report

Program Name: Training on "Klystron Microwave bench"

Date :: 19-03-2016

Venue: Communication Lab, ECE Dept, NCERC

Resource Person: Shri. P. A. David, Microwave Instruments, Bangalore

Preface

Microwave signals and energy are vital for all modern mobile, satellite communications as well as TV. Hence it is needed to generate the Microwave using transit time effect of the Klystron and propagate it safely via waveguides.

Program content

Mr. P. A. David, Microwave Instruments, Bangalore, an experienced professional and expert in area, clearly handled the session very well which would definitely improve the skill level of the participants.

The training comprised both presentation and experimentation with hands-on. So it was both concept based and practical with several real-time captured. The presentation was professional based upon the skills of the presenter and feedback from the participants was overwhelming.

The program was divided into 3 sessions. Each session had a different flavour. The details of the session are as follows:

Session 1

Introduction to the topic and explanation of the scenario prevalent today was delivered to the participants.

Session 2

This session was well focussed on the topic at hand and the presenter clearly demonstrated his professionalism and years of experience in harnessing the power of the Microwave Klystron tube.



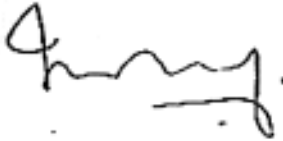
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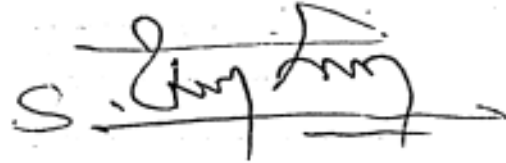
Session 3

This session focused on microwave measurement and current trends in mobile communications with regard to health hazard of microwave and safety measures.

Finally last 5 minutes in the presence of the HoD ECE Department, the coordinator concluded the program with the Vote of Thanks.



Coordinator
ECE Department



HoD
ECE Department



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Certificate

This is to Certify that **Mr/Ms/Prof/Dr. MINI.M**.....of

NCERC has Successfully Participated in Training Program on
KLYSTRON MICROWAVE BENCH

..... MARCH 19, 2016
By department of **Electronics and Communication Engineering** conducted on
at **Nehru College of Engineering and Research Centre, Pampady, Thrissur.**



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PROGRAM CO-ORDINATOR



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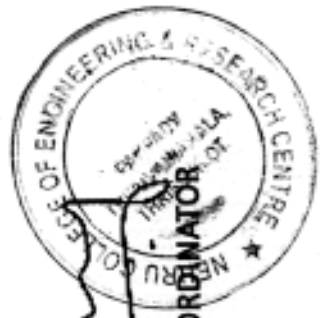


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NCERC has Successfully Participated in Training Program on
KLYSTRON MICROWAVE BENCH.....

By department of **Electronics and Communication Engineering** conducted on **MARCH 19, 2016**
 at **Nehru College of Engineering and Research Centre, Pampady, Thrissur.**



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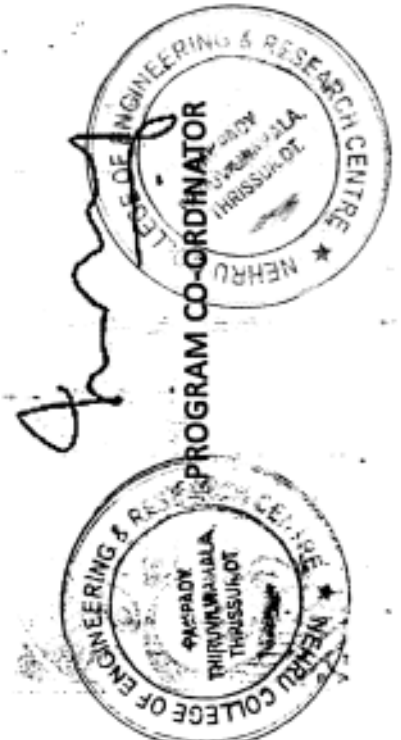
PROGRAM CO-ORDINATOR



Certificate

This is to Certify that **Mr/Ms/Pref/Dr SHAKUNTALA DEVI.R** of
NCERC has Successfully Participated in Training Program on
KLYSTRON MICROWAVE BENCH

By department of Electronics and Communication Engineering conducted on **MARCH 19, 2016**
 at Nehru College of Engineering and Research Centre, Pampady, Thrissur.



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Certificate

This is to Certify that **Mr/Ms/Pref/Dr. S. RAJKUMAR**.....of

NCERC has Successfully Participated in Training Program on

KLYSTRON MICROWAVE BENCH

By department of **Electronics and Communication Engineering** conducted on **MARCH 19, 2016**
at **Nehru College of Engineering and Research Centre, Pampady, Thrissur.**



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Certificate

This is to Certify that Mr/Ms/Prof/Dr. **SREEJITH K**.....of

NCERC has Successfully Participated in Training Program on

KLYSTRON MICROWAVE BENCH.....

By department of Electronics and Communication Engineering conducted on **MARCH 19, 2016**.....
at Nehru College of Engineering and Research Centre, Pampady, Thrissur.



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Pampady Thiruvivimamala, Thrissur, Kerala
Pin 680 597 Kerala

From,

Mr. Rahul R

Assistant Professor

Department Of Mechanical Engineering

Nehru College of Engineering and Research Centre

Pampady, Thrissur

To,

The Principal

Nehru College of Engineering and Research Centre

Pampady, Thrissur

Through HoD

Respected Sir,

Sub: - Request to conduct Training program during the academic year 2015-16-reg

The Department of Mechanical Engineering is planning to organize a two day Training program in "CNC MACHINES AND PART PROGRAMMING" for all faculties of NCERC on 14th and 15th of July 2015. This course aims to enable the practitioners to develop competence for understanding advancements in Robotics and manufacturing to improve teaching and research pedagogy. We kindly request you to approve it.

Thanking You

Place: Pampady

Date: 06/07/2015



Sincerely

Mr. Rahul R

PRINCIPAL

Nehru College of
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Pampady, Thrissur
Pin: 686 502, Kerala


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NCERC/3128/F/AC/2015

10.07.2015


CIRCULAR

This is to inform all the faculties of Nehru College of Engineering and Research Centre that Department of Mechanical Engineering, NCERC is organizing a Training program on CNC machines and part programming at CAD Lab, Aryabhata block on 14th and 15th of July 2015. All are requested to attend the program without fail.


Principal

Copy to: All HoDs
Academic Office Superintendent
Campus Manager/HR




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TWO DAY TRAINING PROGRAM ON CNC MACHINES AND PART PROGRAMMING

The Department of Mechanical Engineering is planning to conduct a two day training program scheduled during the month July of this academic year 2015-2016. This course is intended to be beneficial for faculties in their academics as well as professional life and therefore is offered to all faculties of NCERC. The present training program is designed to include the specialized program for career development of various Engineering professional and is a concrete initiative taken by Department of Mechanical Engineering, NCERC.

This program aims to enable the practitioners to develop competence for understanding advancements in CNC machines and manufacturing to improve teaching and research pedagogy. This program also aims to provide a platform to the researchers to communicate and learn together with renowned academicians who are experts of their fields. The Department of Mechanical Engineering cordially invites all faculties of NCERC to this program.

Program name: **"CNC MACHINES AND PART PROGRAMMING"**

Dates: **14th and 15th of July 2015**

Venue: **CAD LAB, NCERC**

Resource person: **Mr. Tedy Thomas**

Program coordinator: **Mr. Rahul R**

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Pin 680 597 Kerala



Agenda

Day 1

- 10.00 AM : Inaugural Address
(By HoD)
- 10.15 AM : Introduction of Resource Person
(By Program Coordinator)
- 10.30 AM -11.00 AM : Introduction to the training program
(By Resource Person)
- 11.00 AM -11.15 AM : Tea Break
- 11.15 AM – 01.15 PM : Session 1
- 01.15 PM to 02.00 PM : Lunch
- 02.00 PM – 03.30 PM : Session 2

Day 2

- 10.00 AM – 11.00 AM : Session 3
- 11.00 AM – 11.15 AM : Tea Break
- 11.15 AM – 01.15 PM : Session 4
- 01.15 PM – 02.00 PM : Lunch
- 02.00 PM – 03.30 PM : Session 5
- 03.30 PM – 03.45 PM : Vote of Thanks
(By Program Coordinator)



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PAMPADY, THIRUVILLAMALA, THRISSUR-680588

DEPARTMENT OF MECHANICAL ENGINEERING

Program	TRAINING ON CNC MACHINES AND PART PROGRAMMING					
Attendance						
Sl No	14 th of July 2015	FN	AN	15 th of July 2015	FN	AN
1	K C PAUL	/	/	K C PAUL	A	/
2	P MANIYAN	/	/	P MANIYAN	/	/
3	V P JAIN	/	/	V P JAIN	/	/
4	JANARDHANAN K K	/	/	JANARDHANAN K K	/	/
5	ANILKUMAR	/	/	ANILKUMAR	/	/
6	SUMESH M	/	/	SUMESH M	/	/
7	RAMACHNDRAN T	/	/	RAMACHNDRAN T	/	/
8	A CHANDRAMOHAN	/	A	A CHANDRAMOHAN	/	/
9	MADHUSUDANAN A S	/	/	MADHUSUDANAN A S	/	/
10	RAJIV K T	/	/	RAJIV K T	/	/




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Pin. 680 597 Kerala



Program Report

Program Name: CNC machines and part programming training program for Faculties of NCERC

Dates: 14th and 15th of July 2015

Venue: CAD lab, NCERC

Resource Person: Mr. Tedy Thomas

Program coordinator: Mr. Rahul R

Objectives

- To get the knowledge about the CNC machines and part programming.
- To know the upcoming requirements related to research of alternates in this field.

Program content

Mr. Tedy Thomas, an experienced and expert in CNC machine techniques clearly handled the session very well which would definitely improve the technical knowledge of the participants. Faculties got the good advance knowledge of about CNC machines and part programming.

After the registration and high tea the Inauguration function was started at 10:00 am. This is contained of welcome address, prayer, floral welcome, about institute, about FDP, about vote of thanks. In first session conducted the topic "Recent trends in CNC machining". He focuses on the latest technologies used in the CNC manufacturing. Second session was on "Part programming methods" which focuses on different type of part programming methods used in CNC machines. Third and fourth sessions are combined and taken on "Trends and advances in CNC machining technologies".

Final session happened in a discussion format were feedback and different learning's from the training was discussed. Finally last 5 minutes in the presence of the Principal, the program coordinator concluded the program with the vote of Thanks.



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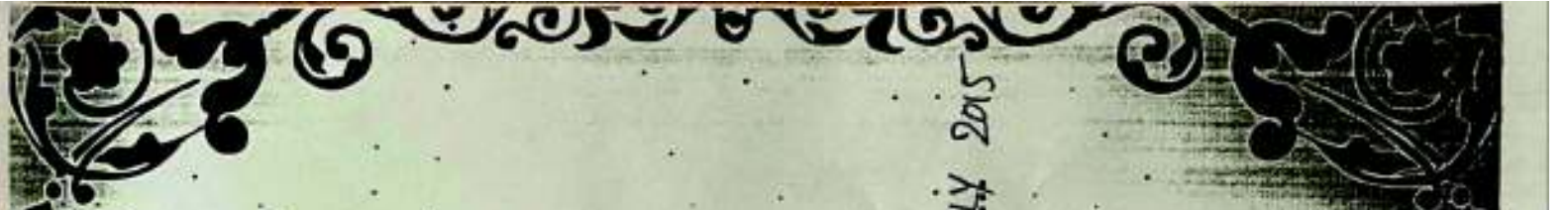
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Certificate

This is to Certify that Mr/Ms/Prof/Dr..... ANILKUMAR.....of
NCERC has Successfully Participated in Training Program on
CNC MACHINES AND PART PROGRAMMING.....
 By department ofMECHANICAL..... conducted on 14th To 15th July 2015
 at Nehru College of Engineering and Research Centre, Pampady, Thrissur.



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PROGRAM CO-ORDINATOR

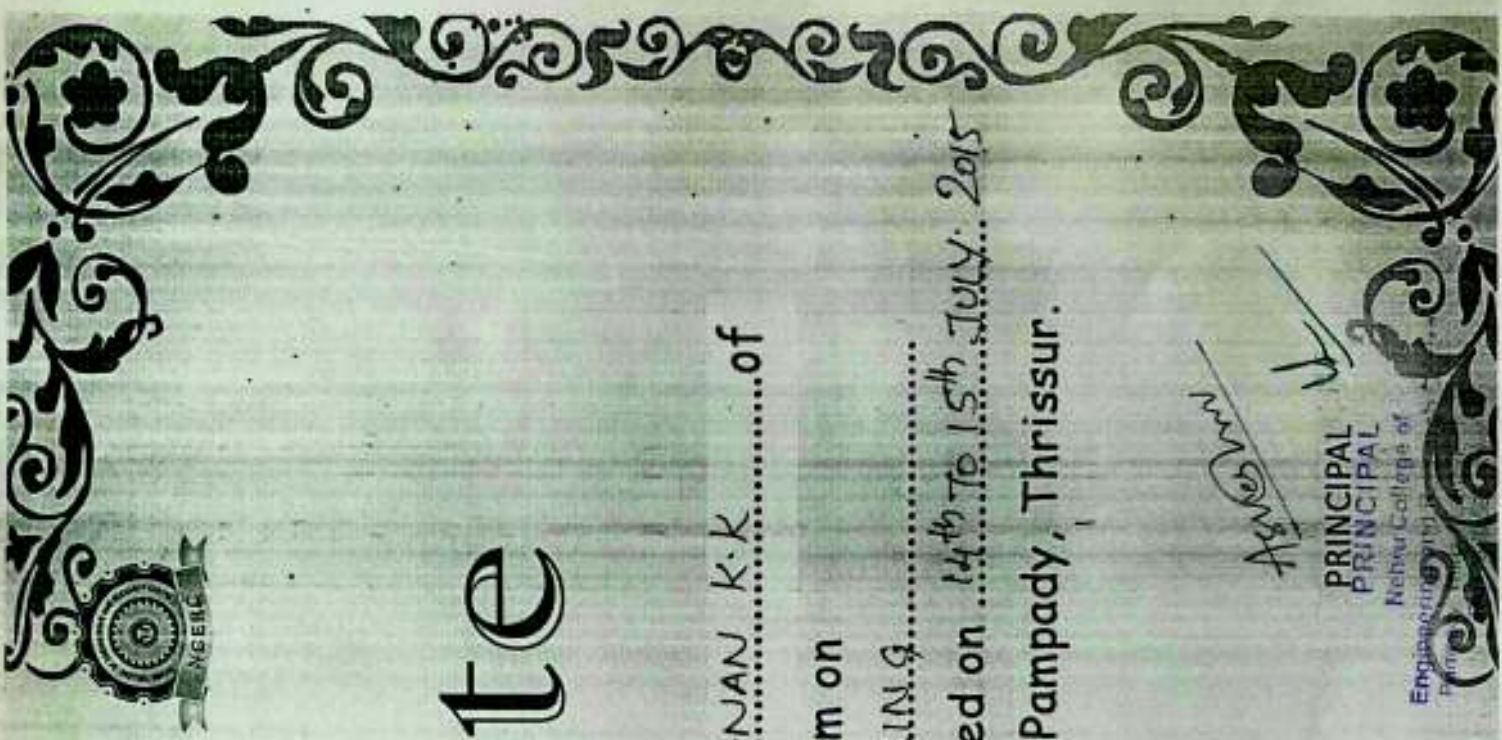
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PROGRAM CO-ORDINATOR

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By department of MECHANICAL..... conducted on 14th To 15th JULY 2015

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PROGRAM CO-ORDINATOR



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Certificate

This is to Certify that **Mr/Ms/Prof/Dr. P. MANIYAN**.....of

NCERC has Successfully Participated in Training Program on

.....**CNC MACHINES AND PART PROGRAMMING**.....

By department of **MECHANICAL**..... conducted on **14th To 15th July 2016**
at Nehru College of Engineering and Research Centre, Pampady, Thrissur.



PROGRAM CO-ORDINATOR

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Nehru College of
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Pampady, Thrissur



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Certificate

This is to Certify that Mr/Ms/Prof/Dr..... SUMESH M..... of

NCERC has Successfully Participated in Training Program on

CNC MACHINES AND PART PROGRAMMING.....

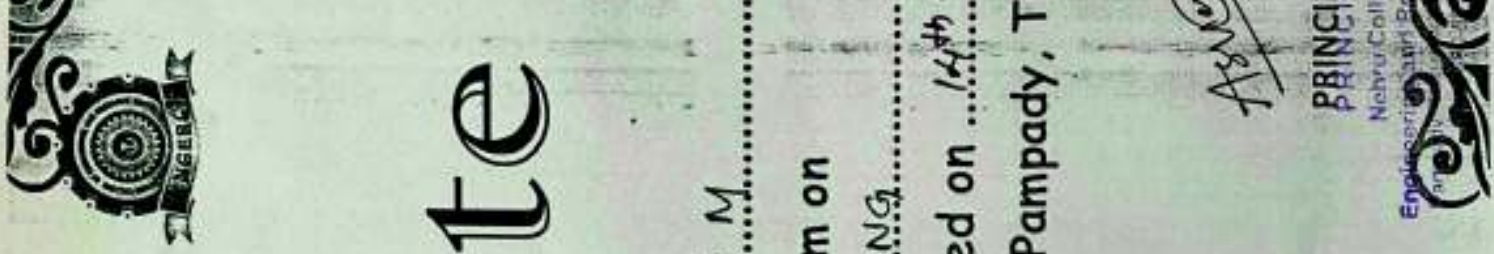
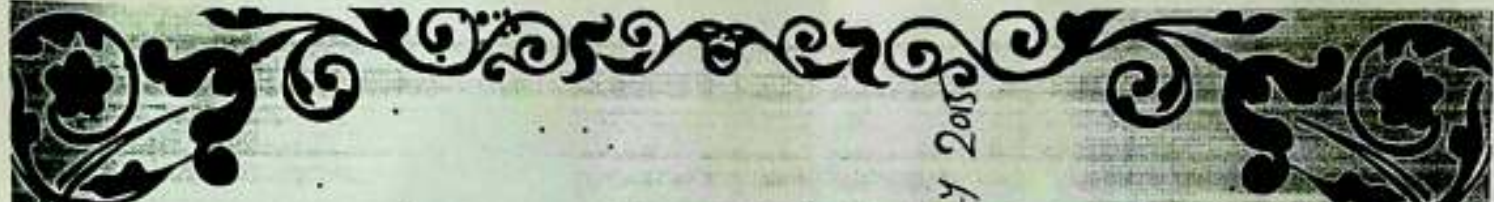
By department of MECHANICAL..... conducted on 14th To 15th July 2015

at Nehru College of Engineering and Research Centre, Pampady, Thrissur.




PROGRAM COORDINATOR


PRINCIPAL
Nehru College of
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07-12-2015

To,

The Principal,

NCERC, Pampady

Dear Sir,

Sub: Request to conduct a Training program in Design of Experiments

We are planning to organize a Training Program on **Design of Experiments** for all faculties of NCERC on 17/12/ 2015 and 18/12/2015. The resource person is Prof. (Dr.) Senthil Kumar K, Department of Automobile Engineering. Kindly request you to approve it.

Thanking You,

HOD

DEPARTMENT OF AUTOMOBILE ENGINEERING

PRINCIPAL

Nehru College of
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Pampady, Thiruvananthapuram, Thiruvananthapuram District
Pin 680 597 Kerala





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NCERC/3128/F/AC/2015

10-12-2015

CIRCULAR

This is to inform all the faculties of Nehru College of Engineering and Research Centre that Automobile Engineering Department is organizing a Training Program on **Design of Experiments** for faculties of NCERC on 17/12/2015 and 18/12/2015. The program held at Aryabhata seminar hall on and starts from 10.00AM.

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Nehru College of
Engineering and Research Centre
Panampady Thiruvethamala, Thiruvananthapuram
Pin 680 597 Kerala

CC:
All HODs, NCERC
Administrative Officer, NCERC
Academic Office, NCERC





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DESIGN OF EXPERIMENTS (DOE)

Training Programme

on

Resource Person :Dr.Senthil Kumar.
 (Professor, Dept. of Automobile Engg.)

Date : 17th and 18th DEC 2015.

Time : 10.00 AM to 3.30 PM Day

Venue : Aryabhata Seminar Hall
 NCEERC.

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 Pin 680 597 Kerala

all faculties of NCEERC to this programme

Agenda

DAY 1

: Inauguration Session

10.00 AM

: Introduction to the Design of Experiment – An Engineering Perspective

10.30 AM -11.00 AM

: Tea Break

11.00 AM -11.15 AM

: Session 1 on Design of Experiment (DoE) and Taguchi Technique for Optimization.

11.15 AM – 12. 45 PM

: Lunch

12.45 PM to 01.30 PM

: Session 2 on Hand on Training (Design of Experiment (DoE) and Taguchi's Technique for Optimization)

01.30 PM – 03.30 PM

DAY 2

10.00 AM – 11.00 AM

: Session 3 on Response Surface Methodology (RSM).

11.00 AM – 11.15 AM

: Tea Break

11.15 AM – 01.15 PM

: Session 4 on RSM and Analysis of Variance (ANOVA)

01.15 PM – 02.00 PM

: Lunch

02.00 PM – 03.30 PM

: Session 5 on Hands on Training RSM and ANOVA

: Vote of Thanks (by Coordinator)



Department of Automobile Engineering

Training Program on Design of Experiments (DoE)

Resource Person: Dr Senthil Kumar K, Department of Automobile Engineering

Date: 17th and 18th DEC 2015

Time: 10.00 AM- 03.30 PM

Venue: Aryabatta Seminar Hall

Objectives: The main objective of the course is to understand the DoE method of experimenting with complex processes with the objective of optimizing the process.

Outcomes:

- To impart the knowledge about DOE
- Understand the concept of why Taguchi's DOE.
- To know Response surface methodology is a specialized DOE technique.
- To impart the knowledge of Analysis of Variance..

Inaugural Session: 10.00 AM- 10.30 AM

Mr.Vimal MN Assistant Professor,Department ofAutomobile Engineering welcomed all the dignitaries and faculties. This program is inaugurated by Dr. A S Varadarajan, Principal, NCERC and addressed and appreciated the faculties of the department for organizing this program. Dr.Senthil Kumar K introduced about the training topic (DoE).

Session 1: 11.15AM – 12.30 PM

The resource person Dr.Senthil Kumar K delivered the theory part of the Design of Experiments and Taguchi's Technique for Optimization

Session 2: 1.30 PM – 5.00 PM

After the lunch, the session whichbased on Hand on Training (Design of Experiment (DoE) and Taguchi's Technique for Optimization)

Session 3: 10.00AM – 11.00 PM (DAY 2)

Dr.Senthil Kumar K started the session with her highly informative talk and each and every faculty actively interacted and shared their day one experience. In this session took the Response Surface Methodology (RSM).



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Session 2: 02.00 PM – 04.00 PM

After the lunch, he has completed the topics 'road safety rules for bikes, what steps can be taken to improve road safety in India? Road safety tips and top five self-service and maintenance tips for two wheelers that can save loads of cash'.

End of the session Mr. Athisaya Sagaya Rajan Associate professor Department of AUE,
Delivered the vote of thanks.

A.S.R.

PROGRAMME COORDINATOR
DEPT. OF AUE

[Signature]

HoD
DEPT. OF AUE

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Department of Automobile Engineering

Training Program on Design of Experiments (DoE) – Attendance List

Resource Person: Dr. Senthil Kumar, Department of Automobile Engineering

Date: 17th and 18th DEC 2015

Time: 10.00 AM- 03.30 PM

Venue: Aryabhatta Seminar Hall

Day 1

Sl No	Name	Department	Attendance	
			Morning	After Noon
1	DEEPAK K P	AUE	✓	✓
2	SHAIK USMAN SHA G	AUE	✓	✓
3	SUBRAHMANNIAN	AUE	✓	✓
4	VIMAL M N	AUE	✓	✓
5	RANJITH	AUE	✓	✓
6	JAYAKRISHNAN S	AUE	✓	✓
7	SEENA P S	AUE	✓	✓
8	JITHIN MOHANDAS	AUE	✓	✓
9	PREETHYM OL	CSE	✓	✓
10	NAVEEN	CSE	✓	✓
11	VIPIN K M	CSE	✓	✓
12	SILJA VARGHESE	CSE	✓	✓
13	Dr SUBA SREE	CSE	✓	ABSENT.
14	SHAHNAZEER K	CSE	✓	✓
15	AVANISH SINGH	CSE	✓	✓
16	MEJI JOSE	CSE	✓	✓
17	JINI K	CSE	✓	✓
18	SHINU MANI	CSE	✓	✓
19	NASLIN	AS	✓	✓
20	NEELAKANTAN	AS	✓	✓
21	ANIL KUMAR	AS	✓	✓
22	MANURAJ K R	AS	✓	✓
23	SOWMYA SURESH	AS	✓	✓
24	MADHAVA WARRIER	AS	✓	✓
25	NITHIN JOE	ECE	✓	✓
26	PRASANTH	ECE	✓	✓



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27	JAIS	ECE	✓	✓
28	RAJESH P	EEE	✓	✓
29	RAJ KUMAR G	EEE	✓	✓
30	RIXON K L	ME	✓	✓
31	SANOJ T	ME	✓	✓
32	SREEJITH	ME	✓	✓
33	S RADH AKRISHNA N	ME	✓	✓
34	K B JAVVARE	ME	✓	✓
35	RAHUL	ME	✓	✓
36	DHAN ESH	ME	✓	✓
37	AJAY THOMAS	ME	✓	✓
38	SRUTHY	ME	✓	✓
39	VIVEK	ME	✓	✓
40	CIIRISTY MATHEW	ME	✓	✓

Principal

Principal

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Department of Automobile Engineering

Training Program on Design of Experiments (DoE) – Attendance List

Resource Person: Dr. Senthil Kumar. Department of Automobile Engineering

Date: 17th and 18th DEC 2015

Time: 10.00 AM- 03.30 PM

Venue: Aryabhatta Seminar Hall

Day 2

Sl No	Name	Department	Signature	
			Morning	After Noon
1	DEEPAK K P	AUE	✓	✓
2	SHAIK USMAN SHA G	AUE	✓	✓
3	SUBRAHMANNIAN	AUE	✓	✓
4	VIMAL M N	AUE	✓	✓
5	RANJITH	AUE	✓	✓
6	JAYAKRISHNAN S	AUE	✓	✓
7	SEENA P S	AUE	✓	✓
8	JITHIN MOHANDAS	AUE	✓	✓
9	PREETHYM OL	CSE	✓	✓
10	NAVEEN	CSE	✓	✓
11	VIPIN K M	CSE	✓	✓
12	SILJA VARGHESE	CSE	✓	✓
13	Dr SUBA SREE	CSE	ABSENT	ABSENT
14	SHAHNAZEER K	CSE	✓	✓
15	AVANISH SINGH	CSE	✓	✓
16	MEJI JOSE	CSE	✓	✓
17	JINI K	CSE	✓	✓
18	SHINU MANI	CSE	✓	✓
19	NASLIN	AS	✓	✓
20	NEELAKANTAN	AS	✓	✓
21	ANIL KUMAR	AS	✓	✓
22	MANURAJ K R	AS	✓	✓
23	SOWMYA SURESH	AS	✓	✓
24	MADHAVA WARRIER	AS	✓	✓
	NITHIN JOE	ECE	✓	✓
	PRASANTH	ECE	ABSENT	ABSENT



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27	JAIS	ECE	✓	✓
28	RAJESH P	EEE	✓	✓
29	RAJ KUMAR G	EEE	✓	✓
30	RIXON K L	ME	✓	✓
31	SANOJ T	ME	✓	✓
32	SREEJITH	ME	✓	✓
33	S RADHAKRISHNA N	ME	✓	✓
34	K B JAVVARE	ME	✓	✓
35	RAHUL	ME	✓	✓
36	DIHAN ESH	ME	✓	✓
37	AJAY THOMAS	ME	✓	✓
38	SRUTHY	ME	✓	✓
39	VIVEK	ME	✓	✓
40	CHRISTY MATHEW	ME	✓	✓

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.....WITHIN NAHAN.R.A.S......

For His/Her Active Participation in the Training Program on

Design of Experiments (DOE)

Organised By

Department of Automobile Engineering, Nehru College of Engineering and Research
 Centre, Pampady, Thrissur.



A.S.R.

Date

Program Co-ordinator

[Signature]
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HOD

Principal
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A.S.R.

Date ~~17 & 18 DEC 2015~~ Program Co-ordinator

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~~17 & 18 DEC 2015~~

A.S.R.

Date

Program Co-ordinator

HOD

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 Research Centre,
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.....*RAJ.KUMAR S.*.....

For His/Her Active Participation in the Training Program on

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~~17 & 18 DEC 2015~~

A.S.D.

Date

Program Co-ordinator

HOD

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For His/Her Active Participation in the Training Program on

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17 & 18 DEC 2015

A.S.R.

Date

Program Co-ordinator

HOD

Princip

Principal
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 Pampady, Thrissur



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18-06-2015

To,

The Principal,

NCERC, Pampady

Dear Sir,

Sub: Request to conduct a Training program in AUTO CAD

We are planning to organize a training program on **AUTO CAD** for faculties both teaching and non-teaching staffs of NCERC on 26/06/ 2015 and 27/06/2015. The resource person is Mr. Shaik Usman Sha G (Assistant Professor, AUE). We kindly request you to approve it.

Thanking You,

HOD

DEPARTMENT OF AUTOMOBILE ENGINEERING




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Engineering and Research Centre
Pampady, Thiruvivamala, Thiruvananthapuram
Pin - 695 507 Kerala



NCERC/3128/F/AC/2015

22-06-2015

CIRCULAR

This is to inform all the faculties of Nehru College of Engineering and Research Centre that Automobile Engineering Department is organizing training program in **AUTO CAD** for faculties both teaching and non-teaching staffs of NCERC on 26/06/2015 and 27/06/2015. The program held at Aryabhata seminar hall on and starts from 10.00AM.


PRINCIPAL

CC:
All HODs, NCERC
Administrative Officer, NCERC
Academic Office, NCERC


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Agenda

Day 1

Training Programme
on

AutoCAD

Resource Person: Mr. ShaikUsmanSha

(Assistant Professor Dept. of Automobile Engg.)

Date : 26th and 27th JUNE 2015.

Time : 10.00 AM to 03.30 PM

Venue : Aryabhata Seminar Hall
and CAD lab NCEERC.

10.00 AM

: Inauguration Session:

10.30 AM - 11.00 AM

: Introduction to the CAD.

11.00 AM - 11.15 AM

: Tea Break.

11.15 AM - 12.45 PM

: Session 1 Study on Drawing
Tools.

12.45 PM to 01.30 PM : Lunch.

01.30 PM - 03.30 PM

: Session 2 on CAD Drawing
Layout.

Day 2

10.00 AM - 11.00 AM

: Session 3 Hands on Training.

11.00 AM - 11.15 AM

: Tea Break

11.15 AM - 01.15 PM

: Session 4 Hands on Training
and Assignment

01.15 PM - 02.00 PM

: Lunch

02.00 PM - 03.30 PM

: Session 5 Assignment
Completion and Doubt Clearing

03.30 PM - 03.45 PM

: Vote of Thanks (by
Coordinator)

PRINCIPAL

Cordially invite all faculties of NCEERC to this programme



Engineering and R&D enquiries, contact Coordinator: Mr. Sagayarajan (8089430132)

Page No. 690/57 Kerala



Department of Automobile Engineering

Training Program on AUTO CAD

Resource Person: Mr. Shaik Usman Sha G, Asst. Professor, AUE

Date: 26th and 27th JUNE 2015

Time: 10.00 AM- 03.30 PM

Venue: Aryabhata Seminar Hall and CAD LAB

Objectives: The main objective of the course is to teach users the basic commands and tools necessary for professional 2D drawing design and drafting using Auto CAD.

Outcomes:

- Use Auto CAD for daily working process.
- Understand the concept and techniques to draw.
- Create multiple designs using several of tools
- Plot or print the drawing by scale.
- To use constraint for certain design.

Inaugural Session: 10.00 AM- 10.30 AM

Dr. Senthil Kumar, Prof, Department of Automobile Engineering welcomed all the dignitaries and faculties. This program is inaugurated by Dr. A S Varadarajan, Principal, NCERC and addressed and appreciated the faculties of the department for organizing this program. Mr. Shaik Usman Sha has given a quick chat with introduction of CAD.

Session 1: 11.15 AM – 12.30 PM

Mr. Shaik Usman Sha teach the drawing tools. (User interface, setting drawing unit, how to use drawing aids, basic drawing skills, editing entities and shaping curves)

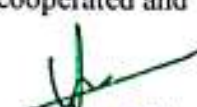
Session 2: 1.30 PM – 5.00 PM

After the lunch, the session was continuing with the CAD Drawing Layouts (Creating and editing text, working with layouts and annotative, dimensioning and printing and plotting).

Session 3: 10.00 AM – 11.00 PM

Hands on training. (It could be held on Aryabhata CAD lab all participants cooperated and followed by the instructor messages.)




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Session 4: 11.15 AM – 01.15 PM

After the tea break, the session was continuing with the Hands on training. In the same session he was given an assignment to all participants.

Session 4: 11.15 AM – 01.15 PM

After the lunch, the session was continuing with the Assignments what he already given. All participants are successfully finished their jobs. After the completion of work he took the feedback a give a quick chat between participants.

At the end of the session Mr.SagayaRajan Asst. Professor Automobile Engineering to delivered a vote of thanks. At 03.45 pm program finished.

A.S.R.

PROGRAMME COORDINATOR
DEPT. OF AUE

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HoD
DEPT. OF AUE

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Pin 680 597 Kerala





Department of Automobile Engineering

Training Program on 'AUTO CAD' – Attendance Sheet

Resource Person: Mr. Shaik Usman Sha G, Asst. Professor, AUE

Date: 26th and 27th JUNE 2015

Time: 10.00 AM- 03.30 PM

Venue: Aryabhata Seminar Hall and CAD LAB

Day 1

Sl No	Name	Department	Attendance	
			Morning	After Noon
1	DEEPAK K P	AUE	P	P
2	SHAIK USMAN SHA G	AUE	P	P
3	SUBRAHMANNIAN	AUE	P	P
4	SURESH BABU C B	AUE	P	P
5	VIMA L M N	AUE	P	P
6	RANJITH	AUE	P	P
7	JAYAKRISHNAN S	AUE	P	P
8	ATHISAYA SAGAYA RAJA N	AUE	P	P
9	SEENA P S	AUE	P	P
10	JITHIN MOHANDAS	AUE	P	P
11	REJUMON R	AUE	P	P
12	SENTHIL KUMAR K	AUE	P	P
13	VIPIN K M	CSE	P	P
14	SILJA VARGHESE	CSE	P	-AB-
15	Dr SUBA SREE	CSE	P	-AB-
16	SHAHINAZEER K	CSE	-AG-	-AB-
17	AVANISH SINGH	CSE	P	P
18	MEJI JOSE	CSE	P	P
19	JINI K	CSE	P	P
20	SHINU MANI	CSE	-AB-	P
21	NASLIN	AS	P	P
22	NEELAKANTAN	AS	P	P
23	ANIL KUMAR	AS	P	P
24	MANURAJ K R	AS	P	P
	SOWMYA SURESH	AS	P	P
	INDHIAYA WARRIER	AS	P	P



PRINCIPAL
Nehru College of Engineering and Research Centre
P - Present
AG - Absent

27	NITHIN JOE	ECE	P	- P P -
28	PRASANTHI	ECE	P	P
29	JAIS	ECE	P	P
30	RAJESH P	EEE	P	P
31	RAJ KUMAR G	EEE	P	P
32	RINON K I	ME	P	P P
33	SANOJ T	ME	P	P P
34	SREEJITH	ME	P	P P
35	S RADHAKRISHNA N	ME	P	P P
36	K B JAVVARE	ME	P	P P
37	RAHUL	ME	P	P

Principal



Principal

PRINCIPAL
 Nehru College of
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 Pampady, Thiruvilwamala, Thirassur Dt
 Pin 680 597 Kerala



Department of Automobile Engineering

Training Program on 'AUTO CAD' – Attendance Sheet

Resource Person: Mr. Shaik Usman Sha G, Asst. Professor, AUE

Date: 26th and 27th JUNE 2015

Time: 10.00 AM- 03.30 PM

Venue: Aryabhata Seminar Hall and CAD LAB

Day 2

Sl No	Name	Department	Signature	
			Morning	After Noon
1	DEEPAK K P	AUE	P	P
2	SHAIK USMAN SHA G	AUE	P	P
3	SUBRAHMANNIAN	AUE	P	P
4	SURESH BABU C B	AUE	P	P
5	VIMA L M N	AUE	P	P
6	RANJITH	AUE	P	P
7	JAYAKRISHNAN S	AUE	P	P
8	ATHISAYA SAGAYA RAJA N	AUE	P	P
9	SEENA P S	AUE	P	P
10	JITHIN MOHANDAS	AUE	P	P
11	REJUMON R	AUE	P	P
12	SENTHIL KUMAR K	AUE	P	P
13	VIPIN K M	CSE	P	P
14	SILJA VARGHESE	CSE	P	P
15	Dr SUBA SREE	CSE	P	P
16	SHAHNAZEER K	CSE	P	P
17	AVANISH SINGH	CSE	P	Absona.
18	MEJI JOSE	CSE	P	P
19	JINI K	CSE	P	P
20	SHINU MANI	CSE	P	Absona.
21	NASLIN	AS	P	P
22	NEELAKANTAN	AS	P	P
23	ANIL KUMAR	AS	P	P
24	MANURAJ K R	AS	P	P
	SOWMYA SURESH	AS	P	P
	MADHAVA WARRIER	AS	P	P



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Pamparambalam, Thiruvananthapuram

27	NITHIN JOE	ECE	P	P
28	PRASANTH	ECE	- AB -	- AB -
29	JAIS	ECE	P	P
30	RAJESH P	EEE	P	P
31	RAJ KUMAR G	EEE	P	P
32	RIXON K L	ME	P	P
33	SANOJ T	ME	P	P
34	SREEJITH	ME	P	P
35	S RADHAKRISHNAN	ME	P	P
36	K B JAVVARE	ME	P	P
37	RAHUL	ME	P	P

Principal

[Signature]

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CERTIFICATE

THIS CERTIFICATE IS PROUDLY PRESENTED TO

.....*WMAA...M.N.*.....

For His/Her Active Participation in the Training Program on

AutoCAD
Organised By

Department of Automobile Engineering, Nehru College of Engineering and Research
Centre, Pampady, Thrissur.



A.S.D.

Program Co-ordinator

M. Srinif

h
PRINCIPAL

HOD

Engineering and Research Centre
Pampady, Thrissur
Pin 680 597 Kerala
Principal

26&27 June 15

Date



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CERTIFICATE

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.....*MANU RANJAN K.R.*.....

For His/Her Active Participation in the Training Program on

AutoCAD
Organised By

Department of Automobile Engineering, Nehru College of Engineering and Research
Centre, Pampady, Thrissur.



A.S.R.

Date

Program Co-ordinator

Principals

HOD

Principal
Engineering and Research Centre
Pampady, Thrissur

Principals

26&27 June 2021

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.....*MASHJIN*.....

For His/Her Active Participation in the Training Program on

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Centre, Pampady, Thrissur.



26&27 June 15

Date

Program Co-ordinator

A.S.D.

M. S. S.

HOD

A. S. S.
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Nehru College of Engineering and Research
Pampady, Thrissur
Pin 580 567 Kerala



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.....S.R.EEJITH.....

For His/Her Active Participation in the Training Program on

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Department of Automobile Engineering, Nehru College of Engineering and Research
 Centre, Pampady, Thrissur.



[Signature]
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 Nehru College of Engineering and Research Centre
 Pampady, Thrissur

26&27 June 15
 Date
 Program Co-ordinator

HOD
 Engineering and Research Centre
 Pampady, Thrissur
 Pin 680 557 Kerala

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CERTIFICATE

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.....**RAHUL**.....

For His/Her Active Participation in the Training Program on

AutoCAD
Organised By

Department of Automobile Engineering, Nehru College of Engineering and Research
Centre, Pampady, Thrissur.



26&27 June 15

A.S.R.

Date

Program Co-ordinator

[Handwritten Signature]

HOD

[Handwritten Signature]
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PAMPADY, THIRUVILWAMALA, THRISSUR (DT) – 680 588 .

NCERC/3128/F/AC/15

01.09.2015

CIRCULAR

Subject: Regarding Training Programme on Linux OS & Basics

This is to inform all the teaching & non-teaching faculties of Nehru College of Engineering and Research Centre that the Department of Computer Science & Engineering is organizing a training programme in Linux OS & Basics at Seminar hall, Aryabhata block on the 5th September 2015. All are requested to attend the programme.




Principal

Copy to: All HoDs, for action and to circulate among all Faculty Members.

Academic Office Superintendent/Welfare Officer/Workshop Suptd

Campus Manager/HR



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Nehru College of
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Pampady, Thiruvilwamala, Thrissur



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Department of Computer Science and Engineering
Training Program on Linux Operating Systems and Basics

Resource Person: Mr. Naveen Raja S M, Asst. Professor, CSE

Date: 5/9/2015

Time: 9 AM- 5 PM

Venue: Aryabhata Seminar Hall

Objectives: Linux is one of popular version of UNIX operating System. It is open source as its source code is freely available. It is free to use. Linux was designed considering UNIX compatibility. Its functionality list is quite similar to that of UNIX.

Contents:

- Kernel Mode vs User Mode
- Basic Features
- Architecture
- Operating Systems Overview
- Operating Systems Memory Allocation
- Execution of programs in C and Java

Outcomes:

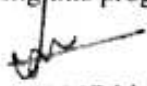
- Basic knowledge of storing, querying and managing large amounts of data and the associated languages, tools and systems
- Practical application and evaluation of tools and techniques in the field of data science

Inaugural Session: 9AM- 9.30 AM

Dr. S. Subasree, HoD, Department of Computer Science and Engineering welcomed the faculties. This program is inaugurated by Dr. A S Varadarajan, Principal, NCERC and addressed and appreciated the faculties of the department for organizing this program.

Session I: 9.30 AM – 12.30 PM




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Pin - 680 557, Kerala

Mr. Naveen Raja S M, Asst. Professor, CSE started the session with hands on training and each and every faculty actively interacted and shared their knowledge in Linux Platform.

Session 2: 1.30 PM – 5.00 PM

After the lunch, the session was mainly based on hands on training and demonstration of experiments in Syllabus. All faculties appreciated the resource person for making this program grant success.


Coordinator


HoD




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NERU College of
Engineering and Research Center
Vengal Rao Nagar, Hyderabad - 500 071



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From

Department of Computer Science and Engineering

NCERC

To

The Principal

NCERC

Sub: Request to organize Training Program for non-teaching staffs

Respected Sir

As per our revised syllabus (2014 Scheme), Laboratory experiments have to be executed in Linux Platform. Since Lab staffs have to be trained in this Operating System, we are planning to organize a training program on this same topic. We request you to grant the permission to organize the same on 5/9/2015 and nominated Mr. Naveen Raja S M, Asst. Professor for this program.

Thanking you

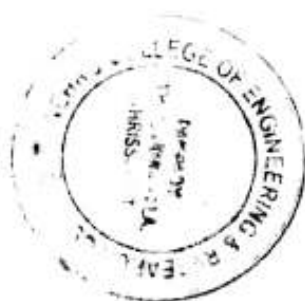
Coordinator

permitted
ASV

HOD

Place Pampady

Date: 25/8/2015



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Department of Computer Science and Engineering
Training Program on Linux Operating Systems and Basics

Resource Person: Mr. Naveen Raja S.M, Asst. Professor, CSE

Date: 5/9/2015

Time: 9 AM - 5 PM

Venue: Aryabhatta Seminar Hall

SNo	Name	FN	AN
1	MONICA	P	P
2	SREKUMAR	P	P
3	ANITHAM	P	P
4	SARAVANAN	P	P
5	VINITHA	P	P
6	DIVYA	P	P
7	MURALIDHARAN	P	P
8	LEKSHMI	P	P
9	RAMYA	P	P
10	SEENA	P	P
11	SALUMOL	P	P
12	NEJUMA	P	P
13	RATHEESH	P	P
14	SREEMESH	P	P
15	ANIL	P	P
16	MUMTHAZ	P	P
17	SAJESH	P	P
18	NITHESH	P	P
19	SEETHA	P	P
20	AMBIKA	P	P
21	PRADEEP	P	P
22	REJITHA	P	P
23	SANDHYA	P	P



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NEHRU COLLEGE OF ENGINEERING & RESEARCH CENTRE
PAMPADY, THRISSUR
Kerala
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Approved by the Government of Kerala

Certificate

This is to Certify that Mr/Ms/Prof/Dr Solu. Mr. of

NCERC has Successfully Participated in Training Program on

LINUX OPERATING SYSTEM

By department of Computer Science & Engg. conducted on 05/09/2015

at Nehru College of Engineering and Research Centre, Pampady, Thrissur.

PROGRAM CO-ORDINATOR



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Certificate

This is to Certify that Mr/Ms/Prof/Dr Srinivas M of

NCERC has Successfully Participated in Training Program on

AI/ML/Deep Learning/Python

By department of Computer Science & Engg. conducted on 10/01/2024
at Nehru College of Engineering and Research Centre, Hampden Township



PROFESSOR (C)-DEPARTMENT

[Signature]
PROFESSOR

[Signature]
PROFESSOR

Certificate

This is to Certify that Mr./Ms./Prof/Dr. Sathya of

NCERC has Successfully Participated in Training Program on

SMART OPERATING SYSTEM

By department of Computer Science & Engg. conducted on 15.07.2015

at Nehru College of Engineering and Research Centre, Pampady, Thrissur.



PROGRAM CO-ORDINATOR





PRINCIPAL



PROGRAM CO-ORDINATOR





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PAMPADY - TRIPUNITHURAI, TRIPUNITHURAI DISTRICT, KERALA

Certificate

This is to Certify that Mr/Ms/Prof/Dr.....SAJESH K.....of

NCERC has Successfully Participated in Training Program on

.....LINUX OPERATING SYSTEM.....

By department of Computer Science & Engg..... conducted on 05.09.2015.....

at Nehru College of Engineering and Research Centre, Pampady, Thrissur.



PROGRAM CO-ORDINATOR




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Nehru College of Engineering & Research Centre,
Pampady, Thrissur





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CHANNarayana, Pampady, Thrissur (Dist)

Certificate

This is to Certify that *Mrs/Ms/Prof/Dr. Seena P.*.....of
NCERC has Successfully Participated in Training Program on
.....*LINUX OPERATING SYSTEM*.....
By department of *Computer Science & Engg.* conducted on *05/09/2015*.....
at Nehru College of Engineering and Research Centre, Pampady, Thrissur.

ABR
PROGRAM CO-ORDINATOR



ABR

PRINCIPAL

ABR
PRINCIPAL

ABR
PRINCIPAL

NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE

Department OF MCA

PAMPADY



09/07/2015

CIRCULAR

This is to inform all the faculties of Nehru College of Engineering and Research Centre that Department of MCA is organizing a training program on Education Technologies at Kapila block on 10th July 2015. All are invited to participate.

ASD

HOD MCA,

NCERC



CC:

The Principal, NCERC
Campus Manager, NCERC
Academic Office, NCERC

AswDm

[Signature]

PRINCIPAL
Nehru College of
Engineering and Research Centre,
Thiruvaiyambala, Thiruvaiyur Dt. A,
Kerala

NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE

Department Of MCA



24/06/2015

To,

The Principal,

NCERC, Pampady

Dear Madam,

Sub: Request to conduct Training-program in Education Technologies

We are planning to organize a training program in Education Technologies for all faculties of NCERC on 10th of July 2015. The latest trends in Education Technologies which is very relevant for faculties. We kindly request you to approve it. The resource person is Dr. Sudheer S Marar, HOD MCA.

Thanking You,

HOD

MCA

PRINCIPAL
Nehru College of
Engineering and Research Centre
299, Padya, Thiruvananthapuram, Kerala
Ph: 94471 42000



NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE

Nila Gardens, Pampady, Thiruvilwamala, Thrissur

Department of MCA

Program Report

Program Name: Education Technologies Training for Faculties of NCERC

Date: 10th July 2015

Venue: Kapila, NCERC

Resource Person: Dr. Sudheer.S.Marar

Preface

The current trends in technology is changing day by day. The educational field has a lot of advantages with the latest technologies. Its very much essential for the faculties to know more about the new technical ideas in educational platform.

Program content

Dr. Sudheer.S.Marar, an expert in handling the latest educational technology handled the session with some innovative ideas. The interactive session with participants make them confident in handling the new trends in educational sector. The session mainly focused on

1. Effective Learning
2. Analysing and designing Tools
3. Learning Materials

The session was organized with a mixture of practical's and presentation. So it was both theory based and practical.

The program was divided into 3 sessions. The details of the session are as follows

Introduction Session

As an introduction part the resource person discussed about how we can effectively communicate with students.

Session 1

In this session various analysing and designing tools that help to have an effective teaching in the class were discussed.

Session 2

This session focused on the preparation of learning materials that will help the students to grasp the contents in a meaningful manner

Finally last few mins in the presence of the HOD, MCA the coordinator concluded the program with the vote of Thanks



HOD MCA
PRINCIPAL
Nehru College of
Engineering and Research Centre

Agenda

10.00 AM-10.15 AM : Introduction of Resource Person

10.15 AM -11.00AM : Introduction to the program

11.00 AM -11.15 AM : Tea Break

11.15 AM - 01.15 PM : Session 1

01.15 PM to 02.00 PM : Lunch

02.00 PM - 03.30 PM : Session 2

03.30 PM - 03.45 PM : Vote of Thanks (by Coordinator)



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Thiruvilwamala, Thrissur

**Nehru College of
Engineering and Research Centre**
Nila Gardens, Pampady, Thiruvilwamala,
Thrissur 680588.

Nehru College of Engineering and Research Centre

Department of MCA

Program Training Program On Education Technologies

Attendance (10th July 2015)

Sl No	Faculty name	
1	UMESH	<i>Umesh</i>
2	MUHAMMED SAJJAD	<i>M. Sajjad</i>
3	VIJAY AKUMAR	<i>Vijay Kumar</i>
4	NEETHU MOL P S	<i>Neethu</i>
5	KRISHNA MOORTHY S	<i>KRISHNA KUMAR</i>
6	VIPIN KUMAR	<i>Vipin</i>
7	ALEX	
8	ASHA	<i>Asha</i>
9	DINE SH	<i>Dinsh</i>
10	SATHEESH KUMAR	<i>Satheesh Kumar</i>
11	CHANDRAKALA	
12	PRAMOD	<i>Prmod</i>
13	ANITHA	<i>Anitha</i>
14	GIRIDHAR	<i>Giridhar</i>
15	RAMAKRISHNAN K S	<i>Ramakrishnan</i>
16	NNAZLIN SITHARA	<i>Nnazlin</i>
17	SOUMYA SUMESH	<i>Soumya</i>
18	DEEPA A	<i>Deepa</i>
19	JAYAMOL P JAMES	<i>Jayamol</i>
20	JAYA RAJA N	<i>Jaya Raja</i>
21	ANISHA	<i>Anisha</i>
22	RAJEEV	<i>Rajeev</i>
23	MURUGANANTHAM P	<i>Muruganathan</i>
24	HAFZAL RAHMAN	
25	SILPA S	<i>Silpa</i>

Ch

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PAMPADY, THIRUVIVIMMALA, THIRISSUR (Dist)



Certificate

This is to Certify that Mr/Ms/Prof/Dr. MUHAMMED SASAD of
NCERC has Successfully Participated in Training Program on
EDUCATION TECHNOLOGIES
By department of MCA conducted on 10.07.2015
at Nehru College of Engineering and Research Centre, Pampady, Thrissur.

[Signature]
PROGRAM CO-ORDINATOR

[Signature]
PRINCIPAL



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Certificate

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NCEERC has Successfully Participated in Training Program on

.....EDUCATION.....TECHNOLOGIES.....
.....MA.....conducted on10.07.2015.....

By department of
at Nehru College of Engineering and Research Centre, Pampady, Thrissur.

PROGRAM CO-ORDINATOR

PRINCIPAL



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PAMPADY, THIRUVARWAMMA, THIRISSUR (KER)




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NCERC has Successfully Participated in Training Program on

.....EDUCATION.....TECHNOLOGIES.....

By department ofMCA..... conducted on10.07.2015.....
at Nehru College of Engineering and Research Centre, Pampady, Thrissur.


PROGRAM CO-ORDINATOR


PRINCIPAL



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This is to Certify that Mr/Ms/Prof/Dr MILKY MAGHEND of
NCERC has Successfully Participated in Training Program on

EDUCATION TECHNOLOGIES
By department of MCA conducted on 10/01/2015

at Nehru College of Engineering and Research Centre, Pampady, Thrissur.

[Signature]
PROGRAM CO-ORDINATOR

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Certificate

This is to Certify that Mr/Ms/Prof/Dr.....**SOMYA**.....**SUMESH**.....of
NCEER has Successfully Participated in Training Program on

.....**EDUCATION**.....**TECHNOLOGIES**.....
By department of**MCA**.....conducted on**16.01.2015**.....

at Nehru College of Engineering and Research Centre, Pampady, Thrissur.

dmr

PROGRAM CO-ORDINATOR

Asst. Prncipal
PRINCIPAL



**DEPARTMENT OF MCA
Presents**

Training Program For Faculty

Program Title : Education Technologies

Date : 10th July 2015

Resource Person : Dr.Sudheer.S.Marar

Venue : Kapila, NCERC



**Cordially invite all faculties of NCERC to this program
For enquiries contact Coordinator: Mr. Pramod K
(9447068556)**

Time : 10.00AM to 3.30PM



PRINCIPAL
Nehru College of
Engineering and
Pampady, Thrissur
Pin - 687521

**Nehru College of
Engineering and Research Centre**
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Thrissur 680588



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01/07/2015

To,
The Principal,
NCERC, Pampady

Dear Sir,

Sub: Request to conduct Training Program in Science of Measurement and Calibration

We are planning to organize a training program in Science of Measurement and Calibration for all faculties of NCERC on 13th July 2015.


Dr. A.S. Varadarajan will engage a Technical Session on "The Science of Measurement". This will be followed by a session on "Training and Research Requirements of Developing Nations" conducted by Dr. P.N. Ramachandran.

We kindly request you to approve the same.

Yours faithfully,


S. Radhakrishnan
HOD/MECHATRONICS




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Pin - 686 507 Kerala

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PAMPADY, THIRUVILWAMALA, THRISSUR (DT) – 680 588

NCERC/3125/S/AC/50/15

09.07.2015

CIRCULAR

This is to inform all the faculties of Nehru College of Engineering and Research Centre that mechatronics department is organizing a training program in Science of measurement and Calibration at seminar hall Aryabhata block on 13/07/2015 from 10.00 AM.



Principal

Copy to: All HoDs, NCERC

Administrative officer, NCERC

Academic office, NCERC



PRINCIPAL

Nehru College of
Engineering and Research Centre
Pampady, Thiruvilwamala, Thrissur DT
Pin - 680 588, Kerala



**NEHRU COLLEGE OF
ENGINEERING & RESEARCH CENTRE**



DEPARTMENT OF MECHATRONICS

SCIENCE OF MEASUREMENT AND CALIBRATION (1day training for faculty)

Venue: Aryabhata, NCERC

Date : 13/07/2015

Time: 10.00 AM to 04.00 PM

Resource Person:

DR.P.N. RAMACHANDRAN

Cordially invite all faculties of NCERC to this program



AGENDA

10:00 AM	Welcome Address (Dr. A.S. Varadharan, Principal, NCERC)
10:10 AM	INAUGURAL ADDRESS Dr.P.N.Ramachandran Director (IAE)
10:15 AM	Introduction of Resource Person (By Coordinator)
10:30 AM - 11:00 AM	Tee Break
11:00 AM - 01:15 PM	Session 1 The Science of Measurements (Dr. A. S. Varadharan)
01:15 PM - 02:00 PM	Lunch
02:00 PM - 03:45 PM	Session 2 Training & Research Programmes & Developing skills (Dr. P.N. Ramachandran)
03:45 PM - 04:00 PM	Vote of Thanks (By Coordinator)

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This is to Certify that Mr./Ms/Prof/Dr.....**REJUMAN...R**.....of
NCERC has Successfully Participated in Training Program on
.....**SCIENCE OF MEASUREMENT AND CALIBRATION**.....
By department of**MECHATRONICS**..... conducted on ...**15.07.2015**.....
at Nehru College of Engineering and Research Centre, Pampady, Thrissur.



PROGRAM CO-ORDINATOR

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By department of*MECHATRONICS*..... conducted on ..*13/07.2015*.....
at Nehru College of Engineering and Research Centre, Pampady, Thrissur.

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NCEER has Successfully Participated in Training Program on
.....**SCIENCE OF MEASUREMENT AND CALIBRATION**.....
By department of **MECHATRONICS**..... conducted on **13/01/2015**.....
at Nehru College of Engineering and Research Centre, Pampady, Thrissur.

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From

Department of Electrical and Electronics Engineering

NCERC

To,

The Principal,

NCERC, Pampady

Dear Sir,

Sub: Request to conduct a training program in Synchronization of generators

We are planning to organize a training program in Synchronization of generators, for all faculties of NCERC on 15th of January 2016. We kindly request you to approve it. The resource person is Mr. Rajesh P, an expert in electrical machines.

Thanking You,

HoD,

EEE department.

04/01/2016

Pampady



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Pampady, P.O. Pampady, Pampady
P.O. Pampady, Pampady



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NCERC/3128/F/AC/201612/01/2016

CIRCULAR

This is to inform all the faculties of Nehru College of Engineering and Research Centre that the Department of Electrical and Electronics Engineering is organizing a training program titled "Synchronization of generators" at Machines Lab, Bhaskara block on 15th January 2016. All are requested to attend the program.

Principal

PRINCIPAL

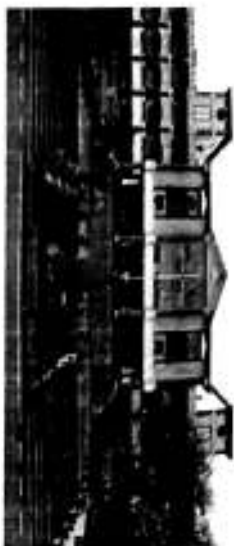
Nehru College of
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Pampady, Thiruvananthapuram
Kerala



Academic Office, NCERC

TRAINING PROGRAM ON SYNCHRONIZATION OF GENERATORS

15th January 2016



Organized by

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
(NAAC Accredited)

NEHRU COLLEGE OF ENGINEERING &
RESEARCH CENTRE
PAMPADY, THIRUVILWAMALA,
PAPANASSER, TRISSUR, KERALA, INDIA



ABOUT THE DEPARTMENT
As most electrical systems are automatically controlled nowadays, Electrical & Electronics Engineering branch is of considerable importance in present day industrial systems. Emphasis is placed on a thorough exposure to fundamental subjects like Basic Electrical Engineering, Electromagnetic Field Theory and Control Systems. Detailed studies in

Electrical Machines, Power Systems, Microprocessors and Microcontrollers are also undertaken. Finally, an exposure is given to Power Electronics, Industrial Drives and Instrumentation Systems. Students have an option to choose a range of electives from VLSI Design to High Voltage Engineering. Industrial study visits and seminar are an integral part of the programme.

ABOUT THE PROGRAM

The main objective of the course is to give awareness about synchronization. Generators have traditionally been synchronized by manual means. The operator manually adjusts the prime mover speed or the frequency control set point of the governor to match the generator frequency to the system frequency.

Outcome:

- Synchronizing with parameters of power system network
- Process of matching parameters
- Improper synchronization effect
- Matching of voltage, frequency and other parameters

CHIEF-PATRONS

DR. A S Varadarajan
Principal, Nehru College of Engineering and Research Centre, Pampady

PATRONS

Prof. D K Narayanan, HoD
EEE
Dr. S Rajkumar, ECE

COORDINATOR

Mr. Rajesh P
Asst. Professor, EEE

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Pin: 686 587 Kerala



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Department of Electrical and Electronics Engineering
Training Program on SYNCHRONIZATION OF GENERATORS

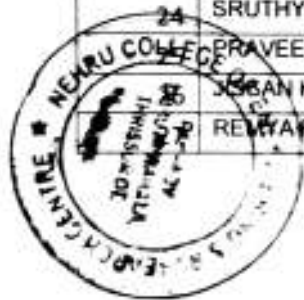
Resource Person: Mr. Rajesh P, Asst. Professor, EEE

Date: 15/01/2016

Time: 9 AM- 5 PM

Venue: Bhaskara Machines Lab

Sl No	Name	Attendance	
		Morning	After Noon
1	SHIJI S	P	P
2	BLESSY JOY	P	P
3	ANOOPKUMAR M V	P	P
4	MAHESWARAN K	P	P
5	RAJKUMAR R	P	P
6	DHANYA C	P	P
7	PRABHU KUMARAN	P	P
8	MANURAJ	P	P
9	NIVETH	P	P
10	BINI K B	P	P
11	LINIL	P	P
12	MANJ USHA	P	P
13	VIPIN KM	P	P
14	RAJESH P	P	P
15	UNNI MR	P	P
16	ANILKUMAR P	P	P
17	MATH IVANAN	P	P
18	JIBI	P	P
19	NITHIN JOE	P	P
20	SAJITHA A S	P	P
21	P VISHNU	P	P
22	DEEPIKA	P	P
23	DINESH E	P	P
24	SRUTHY MENON	P	P
	PRAVEEN C P	P	P
	SRINIVASAN K A	P	P
	REMYA R	P	P





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28	ATHIRA P	P	P
29	NARAYANAN D K	P	P
30	JAYAKRISHNAN C	P	P


Coordinator


HoD




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Department of Electrical and Electronics Engineering

Training Program on SYNCHRONIZATION OF GENERATORS

Resource Person: Mr. Rajesh P, Asst. Professor, EEE

Date: 15/01/2016

Time: 9 AM- 5 PM

Venue: Bhaskara Machines Lab

Objectives: Main objective of this training course is to give awareness about synchronization. Generators have traditionally been synchronized by manual means. The operator manually adjusts the prime mover speed or the frequency control set point of the governor to match the generator frequency to the system frequency.

Concepts:

Often electrical generators are removed from the service and connected back to the power system during variations of the load, emergency outages, maintenance, etc.

Before reconnecting the generator to the system in each time, it must be synchronized with parameters of the power system network.

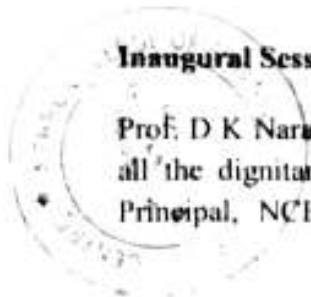
An improper synchronization can affect the healthy power system and results in electrical and mechanical transients that can damage the prime mover, generator, transformers and other power system components.

The process of matching parameters such as voltage, frequency, phase angle, phase sequence and waveform of alternator (generator) or other source with a healthy or running power system is called synchronization.

Generator cannot deliver power to electric power system unless its voltage, frequency and other parameters are exactly matched with the network. Synchronization is accomplished by controlling the exciter current and the engine speed of the generator

Inaugural Session : 9AM- 9.30 AM

Prof. D K Narayanan, HoD, Department of Electrical and Electronics Engineering welcomed all the dignitaries and faculties. This program is inaugurated by Dr. N S Varadarajan, Principal, NCERC and addressed and appreciated the faculties of the department for



Dr. N. S. Varadarajan

Principal, NCERC

Department of Electrical and Electronics Engineering



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Department of Electrical and Electronics Engineering

Training Program on SYNCHRONIZATION OF GENERATORS

Resource Person: Mr. Rajesh P. Asst. Professor, EEE

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organizing this program. Dr. S Rajkumar HoD of Electronics and Communication felicitated the gathering with his inspirational talk.

Session 1: 9.30AM – 12.30 PM

Mr. Rajesh P, Asst. Professor, EE started the session with his highly informative talk and each and every faculties actively interacted and shared their knowledge in generator synchronization.

Session 2: 1.30 PM – 5.00 PM

After the lunch, the session was mainly based on case studies with practical exercises. All faculties appreciated the resource person for making this program grant success. HoD of the Department concluded the session with his experience.



Coordinator



HoD



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Synchronization of Generators
.....
By department of*EEE*..... conducted on *15/01/2016*.....
at Nehru College of Engineering and Research Centre, Pampady, Thrissur.

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15-16



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