

# **SHRIMATI INDIRA GANDHI COLLEGE**

**Tiruchirappalli – 620 002**

**(Nationally Accredited at 'A' Grade (3<sup>rd</sup> Cycle) by NAAC)**

## **DEPARTMENT OF PHYSICS**

### **Two Day Workshop on LabVIEW – 2015**

**Date : 7.7.2015 & 8.7.2015**

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The Department of Physics organized a Faculty Development Programme on the topic LabVIEW - 2014, by Mrs. G. Bhuvaneswari and Mrs. S. Kanmani, Faculty, Department of Physics on 7<sup>th</sup> and 8<sup>th</sup> July 2015 in MBA Computer Lab.

The resource persons started the program by giving an introduction to LabVIEW-2014 by PowerPoint presentation covering the topics such as virtual instruments, its uses, applications, real time applications, different panels, pallets in front panel and block diagram, simulation, waveform chart, graph for frequency, phase and amplitude. The instruments used in different fields were explained followed by a demonstration class focusing the usage of data types, operators, select switch, while loop, for loop, boolean functions and string functions.

On the 2nd day, a HANDS ON SESSION was conducted, and the faculty members executed the programs such as arrays, real time date & time, traffic signal controller and water level indicator practically in the lab.

The program was informative and interesting. Faculty were benefitted and updated with the recent simulation software.



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## **DEPARTMENT OF PHYSICS**

### **Two Day Workshop on LabVIEW – 2015**

**Date : 9.7.2015 & 10.7.2015**

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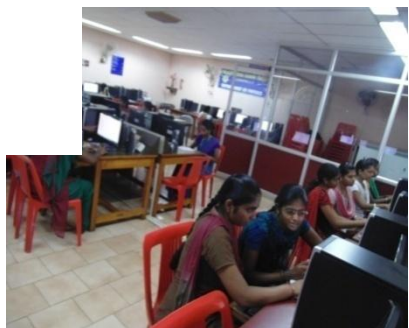
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The Department of Physics organized a workshop for II M.Sc students on the topic LabVIEW - 2014, by Mrs. G. Bhuvaneswari and Mrs. S. Kanmani, Faculty, Department of Physics on 9<sup>th</sup> and 10<sup>th</sup> July 2015 in MBA Computer Lab.

The resource persons started the program by giving an introduction to LabVIEW-2014 by PowerPoint presentation covering the topics such as virtual instruments, its uses, applications, real time applications, different panels, pallets in front panel and block diagram, simulation, waveform chart, graph for frequency, phase and amplitude. The instruments used in different fields were explained followed by a demonstration class focusing the usage of data types, operators, select switch, while loop, for loop, boolean functions and string functions.

On the 2nd day, a HANDS ON SESSION was conducted, and the students executed the programs such as arrays, real time date & time, traffic signal controller and water level indicator practically in the lab.

The program was informative and interesting. Students were benefitted and updated with the recent simulation software.



# **Faculty Development Programme on “LABVIEW”**

**Jointly organized by**

**PG & Research Department of Computer Science,  
Information Technology & Applications, PG Department of  
Computer Applications  
of**

**SHRIMATI INDIRA GANDHI COLLEGE**

**Tiruchirappalli – 620 002**

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Date : 21.07.2015

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The PG & Research Department of Computer Science, Information Technology & Applications, PG Department of Computer Applications Jointly organized by Faculty Development Programme on “LABVIEW” for the faculty members on 21.07.2015.

Ms. J. Rathna and Ms. D. Meenakshi, Assistant Professors, Department of Information Technology & Applications. They gave an introduction to LABVIEW and covered topics like virtual instrumentation (VI), Component of VI – Front Panel, Block diagram with demonstration. They also conducted practical sessions with examples like arithmetic operations, logic gates, Traffic light controller and water level indicates in Tanks.



# **Training Programme on “LABVIEW” for Students**

**Jointly organized by**

**PG & Research Department of Computer Science,  
Information Technology & Applications, PG Department of  
Computer Applications  
of**

**SHRIMATI INDIRA GANDHI COLLEGE**

**Tiruchirappalli – 620 002**

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Date : 22.07.2015

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The PG & Research Department of Computer Science, Information Technology & Applications, PG Department of Computer Applications Jointly organized by Training Programme on “LABVIEW” for the students on 22.07.2015.

Ms. J. Rathna and Ms. D. Meenakshi, Assistant Professors, Department of Information Technology & Applications. They gave an introduction to LABVIEW and covered topics like Components of LABVIEW - Front Panel, Block diagram with demonstration. They gave examples with practical sessions like arithmetic calculations, logic gates, Traffic light controller and water level indicator.



# SHRIMATI INDIRA GANDHI COLLEGE

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## DEPARTMENT OF PHYSICS

### A Programme on “Servicing of Home Appliances”

Date : 20.8.2016

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The Department of Physics conducted a One Day Workshop on “Servicing of Home Appliances” on 20.08.2016 in the PG Physics Lab. Almost all Home Appliances like Tube Light, Fan, Mixi, Induction Stove, Immersion Rod, Bread Toaster, Washing Machine, Iron Box, Remote etc ., were exhibited together with the help of Charts, Models, Power Point and Video Clipping. Approximately 25 exhibits were displayed. Nearly 200 Students from Arts & Science Departments of our College Participated in the Program. The Staff Members and PG Students explained the Possible Facts, Simple Rectification Methods and Maintenance of Home Appliances.

In Addition to that a PowerPoint was also shown to the Students which contains Types of Home Appliances and Fuses



Do's and Don't's, Meter Box and Wiring. Finally a Video Clipping was shown to the Students which explained Wi-Fi based Home Automation Switches.



Pamphlet Containing details of tariff Plan, Star Rating and Power Consumption per Hour

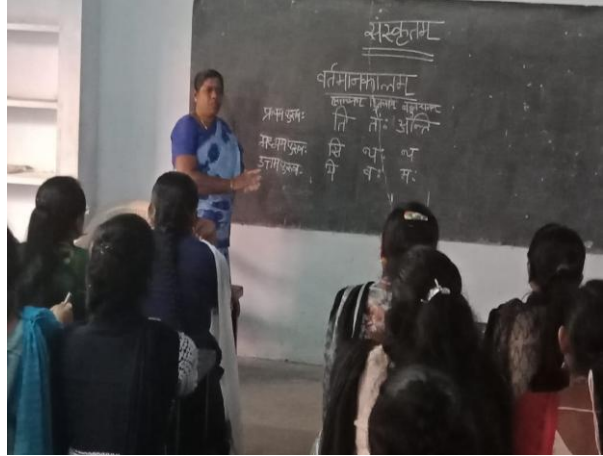
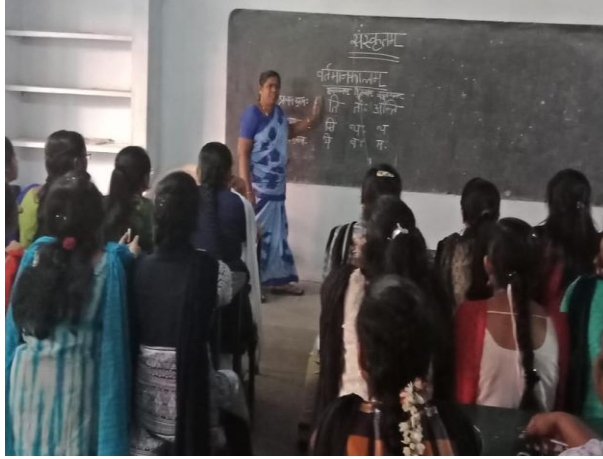


was Distributed to all the Participants. The Program was Very useful to the Students.





## SPOKEN SANSKRIT AND SPOKEN HINDI CLASSES



# **SHRIMATI INDIRA GANDHI COLLEGE**

TIRUCHIRAPALLI – 620 002

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## **DEPARTMENT OF MANAGEMENT STUDIES**

(MBA-AICTE APPROVED)

### **Special Coaching on Eligibility Test for Lectureship (UGC-NET/SET) for M.Phil., Research Scholars**

Date: 10.11.2017 to 11.12.2017

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The Department of Management Studies organized special coaching on Eligibility test for lectureship (UGC-NET / SET) for M.Phil Scholars from 10.11.2017 to 11.12.2017. This coaching was conducted by the Faculty members of department of Management. The timing was 1.30 pm to 2.30 pm. This coaching was initiated to encourage scholars to prepare for the Eligibility tests for lectureship.

Syllabus and sample questions were discussed for both paper I and paper II. In the paper I Scholars were given coaching on the “General paper on Teaching and Research Aptitude”. Coaching was given on answering multiple choice questions on Economics, Organizational Behavior, Human Resource Management, Financial Management, Marketing, Production Management, Statistical Techniques, Strategy, Entrepreneurship and corporate governance and Ethics. The coaching was concluded with a model test. The programme was useful and motivating for the research Scholars.

**RESEARCH DEPARTMENT OF MANAGEMENT**

**of**

**SHRIMATI INDIRA GANDHI COLLEGE**

Nationally Accredited at 'A' Grade (3<sup>rd</sup> Cycle) by NAAC

**TIRUCHIRAPPALLI – 620 002**

**SPECIAL COACHING**

**On**

**ELIGIBILITY TEST FOR LECTURESHIP**

**(UGC - NET/ SET)**

**For**

**M.Phil. Scholars**

**FROM 24.09.2018 to 24.10.2018**

Time: 1.30 p.m to 3.00 p.m

Venue: M. Phil. Class Room



**Department of Fashion Technology & Costume  
Designing**

**Of  
SHRIMATI INDIRA GANDHI COLLEGE**  
(Nationally Accredited at “A” Grade (3<sup>rd</sup> cycle) by NAAC)  
Tiruchirappalli-620002

**Cordially invites you for the  
One Day Workshop on  
“Development of Saree Design Using  
Adobe Photoshop”**

**By  
MrD.Umapathy  
Designer cum Marketing Executive  
Directorate of Handloom & Textiles  
Kanchipuram**



**Date: 01.08.2018  
Time: 10.00 a.m  
Venue: VG-Allied Lab  
(SIGC Campus)**



## **SHRIMATI INDIRA GANDHI COLLEGE**

**(Nationally Accredited at 'A' Grade (3<sup>rd</sup> Cycle) by NAAC)**

**Tiruchirapalli-620002**

**DEPARTMENT OF FASHION TECHNOLOGY & COSTUME**

**DESIGNING**

**and**

**C-CUBE TECHNOLOGIES**

**ERODE**

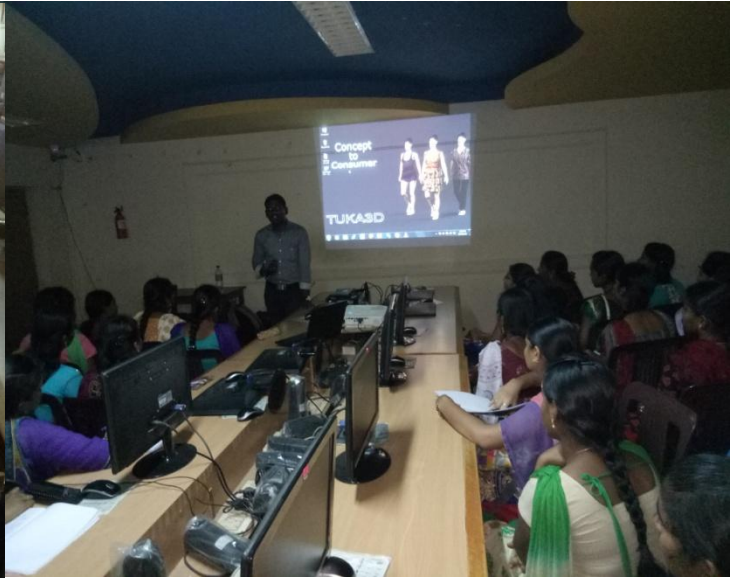
**Jointly Organize**

**“Short Term Garment Cad Course(TUKA Cad Inc-USA)”**

**Date: 12.2.18 - 17.2.18 & 24.2.18 - 2.3.18**

**Venue : Shrimati Indira Gandhi College**

**Time : 2pm to 5 pm**

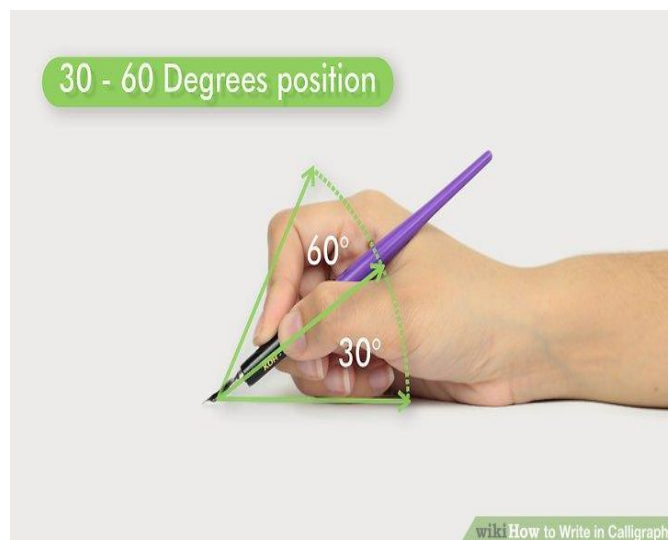


# CALLIGRAPHY

**CALLIGRAPHY** The term aims to produce an 'art 'reaction. Handwriting aims to be read. One can learn **CALLIGRAPHY** and use this beautiful form of writing right from one's young age. Various different styles and fonts are taught using a variety of nibs.

## Three easy steps:

### METHOD 1. Learning the Basics



1. **Hold your pen diagonally at a 30 to 60 degree angle.** A calligraphy pen isn't used quite the same way as a regular pen. The tip, or nib, of the pen should point diagonally away from you, to the left, as you write.



**2. Don't twist the nib as you write.** The tip of writing tool used to do calligraphy is called a nib. Regardless of the letters you are forming, the orientation of the nib should remain consistent. Whether you're doing straight lines or loops, the tip of the nib should always point in the same direction.

**3. Lead the nib backwards or sideways across the paper.** The nib should move backwards or sideways from the direction it's pointing in. Pushing it forward away from your hand leads to blotting and uneven letter formation.. **Apply light pressure.** Using too much pressure can make for messy letters or scratches in your paper. Pressing too hard can also damage the nib, so do your best to apply the pen to the paper with a light, consistent pressure. Try not to lean heavily on your hand or forearm, either, which creates stilted lettering.

**5. Keep your lines parallel.** Vertical, horizontal, and diagonal lines in various letters should be parallel to corresponding lines in other letters. This will make your writing look more consistent and professional.

- For instance, try to make the vertical line the letter “d” parallel with the vertical line in the letter “b.”

## METHOD 2. Practicing Letters and Words



**1. Trace the alphabet numerous times.** Select and print a sample calligraphy alphabet and cover it with a piece of tracing paper. Try to recreate the strokes of the alphabet letters until you can successfully write the letters on your own

**2. Use the correct stroke order.** Each letter or symbol will be made up of several different sections which are done in a single movement, called strokes. Practice upward and downward strokes until you can make them consistent. Keep in mind that when writing letters the stroke order is also important, and differs by style, so refer to a calligraphy guide to learn which strokes come first based on the letter.

- For instance, in Western calligraphy, write vertical lines first followed by horizontal lines, such as when writing the letter “t.”
- In Asian calligraphy, strokes begin at the top of the character and move downward to the bottom of the character.
- For Islamic calligraphy, begin with the largest strokes of the letter and progress to the smallest strokes and dots.

3. **Try the grid method.** Set up a grid to practice with by filling a piece of paper with 1 inch (2.5 cm) squares. Use pencil to make the grid, and then fill in each row with repeated versions of whichever letter you wish to practice until your strokes are even and clean-looking.

4. **Use templates to perfect your spacing.** Calligraphy templates will help you master letter formation and keep your spacing consistent. They also keep your letters and words from slanting up or down across the page. Do an Internet search for free guilds or templates, or pick up a calligraphy guidebook to practice with.

### **METHOD 3. Selecting Your Supplies**

1. **Choose smooth, acid-free, archival paper.** Smooth paper will keep your writing utensil from catching or being redirected by the paper. Look for paper that’s labeled “acid-free” and “archival” to ensure that your image will age well. You will also want to look for paper which is labeled as “sized,” meaning it’s been treated to keep ink from bleeding.

- Avoid paper that’s greasy or waxy, which can keep the paper from absorbing the ink.

2. Get a proper writing utensil. While you can create calligraphy with any writing utensil, there are certain writing instruments which are considered better than others. Which you use, however, will depend upon what type of calligraphy you are doing and what writing utensil feels best to you.

- Dip pens are pens which you dip in ink. They consist of a wood, plastic or bone handle and a metal nib (the pointed end which will make contact with the paper). The nib is dipped in the ink and stores it in the well of the nib. These are often used in Islamic calligraphy.
- Fountain pens are similar to dip pens but instead draw their ink from a container within the pen. While this ink will occasionally need to be replaced or refilled, it will save you the trouble of constantly needing to dip your pen. Fountain pens are commonly used for Western calligraphy.
- Brushes come in a variety of sizes but will usually all be roughly the same shape. These are dipped in ink and use the pressure and direction of the writer’s strokes to form the line variations. Brushes are often used for Asian calligraphy.

3. • **Select the best ink for your style.** There are many different types of ink and which one you choose will partially depend on what you are writing with. Inks will also come in a variety of colors but black is the most commonly used color in all styles of calligraphy.

- Pot ink is the most common ink used for calligraphy. This ink comes premixed in a small jar and your writing utensil will be dipped into it, such as for Islamic calligraphy. India ink is the most common type of pot ink used in calligraphy.
- Fountain pen ink is a special kind of dye-based ink which is used for fountain pens, typically for Western calligraphy. It is important to use *only* fountain pen ink in these types of pens as other ink types will clog the pen. Fountain pen ink will come in either pre-loaded barrels, which you place in your pen, or pots, in which case you fill the pen yourself.
- Ink sticks, which will also require an ink stone, are sticks of ink which must be ground and mixed with water in order to form the ink you will write with. They are an excellent option for calligraphers because they allow you to get many different tones from the same ink, depending on how it is mixed. These are often used in Asian calligraphy.



4. **Use rulers or other guide instruments for consistency.** You may want rulers or T-guides to create guidelines for yourself and ensure that your writing is straight. Or perhaps you wish to write across a curved or circular line and need a reference. Even experts use rulers and other guide instruments to make their writing as beautiful and consistent as possible.

5. **Keep your paper in place with tape or weights.** Use painter's tape or weights to hold the paper in place while you are writing. This will keep you from skewing or bumping the paper and messing up your letters. You can also use clips or a drawing board

## Sample Calligraphy Alphabet

A B C D E F  
G H I J K  
L M N O P  
Q R S T U  
V W X Y Z

## Sample Simple Calligraphy Alphabet

A B C D E F  
G H I J K  
L M N O P  
Q R S T U  
V W X Y Z



Sample Thick Calligraphy Alphabet

**A B C D E F**  
**G H I J K**  
**L M N O P**  
**Q R S T U**  
**V W X Y Z**

# WORK SHEETS



## Cursive Handwriting Worksheet Uppercase Letters

Name \_\_\_\_\_

A B C D E

F G H I J

K L M N O

P Q R S T

U V W X Y

Z