



**Newman College**

Affiliated to Mahatma Gandhi University

Reaccredited by NAAC with A grade (Cycle 3, CGPA 3.32)

Email: [principal@newmancollege.ac.in](mailto:principal@newmancollege.ac.in)

website: [www.newmancollege.ac.in](http://www.newmancollege.ac.in)

Phone: 04862-222686   

# Criterion V

## Student Support and Progression

**5.1**

**Student Support**

5.1.2

**Brochure of ICT/Computing Skills Enhancement Activities Conducted**

Submitted to



National Assessment and Accreditation Council

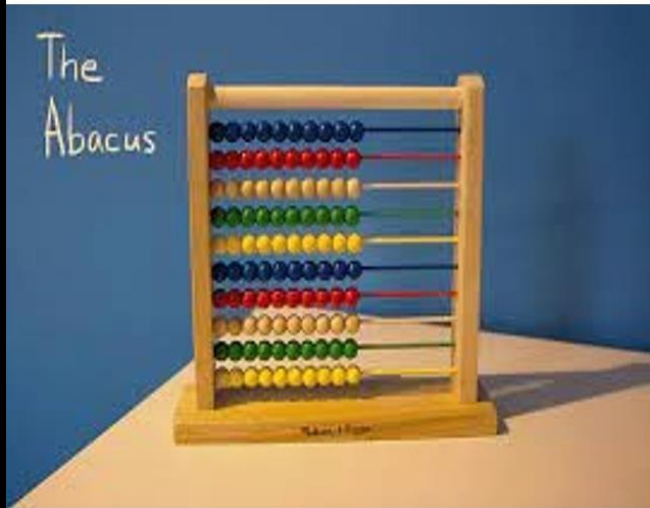
### ICT/Computer Skills Enhancement Activities Organized by the Institution During 2018-2023

Sl. No.	Year	Name of Programme	Page No.
1.	2022-2023	Training Program on Basic Abacus Operations	2
2.	2022-2023	Workshop on Registration and Filing in GST	3
3.	2022-2023	Workshop on Software Designing: An Introduction	4
4.	2022-2023	Workshop on Telescope Making: Bridging Refractive Telescope and ICT Based Space Exploration	5
5.	2022-2023	Understanding the Basics of Microsoft PowerPoint	6
6.	2021-2022	Workshop on Mobile app Development	7
7.	2021-2022	Two Week Workshop on Spectroscopic, Structural and Electrical Characterisation Techniques (SSECT 2022)	8
8.	2021-2022	A Training Session on Website Design	9
9.	2021-2022	Advances in Applied Mathematical Science	10
10.	2021-2022	Use of Digital Resources for Teaching and Learning	11
11.	2020-2021	IT Skills Training Program	12
12.	2020-2021	Training Programme on e- Content Development	13
13.	2020-2021	Workshop on Online Teaching and Learning Resources	14
14.	2019-2020	Workshop on Registration and Filing in GST	15
15.	2019-2020	Workshop on Advanced Techniques for Effective Power Point Presentation	16
16.	2019-2020	Workshop on Data Analysis	17
17.	2019-2020	Hands on Training on Short Film Making	18
18.	2018-2019	Two-Day Workshop on Python: An Introduction	19
19.	2018-2019	Training Programme on 'Data Analysis in Science Project	20
20.	2018-2019	Microsoft Automation Workshop	21
21.	2018-2019	Advanced Microsoft Excel Training for Students	22

2022-2023

## Brochure of Training program on Basic Abacus Operations

DEPARTMENT OF MATHEMATICS & STATISTICS  
NEWMAN COLLEGE THODUPUZHA



### TRAINING PROGRAM ON BASIC ABACUS OPERATIONS

Coordinator: Dr. SONA JOSE

#### OBJECTIVE OF THE PROGRAMME:

To enrich the students' knowledge of abacus.

**EXPECTED OUTCOME:** Each trainee is expected to gain ability to calculations in seconds and was also trained to teach the knowledge they gained to others.

22-12-2022

SESSION 1:

TIME: 10:00 A.M. – 12:00 P.M.

SESSION 2:

TIME: 2:00 P.M. – 4:00 P.M.

23-02-2022

SESSION 1:

TIME: 10:00 A.M. – 12:00 P.M.

SESSION 2:

TIME: 2:00 P.M. – 4:00 P.M.



**Resource person:** Madhusuthanna Pillai P  
HR manager , B.Smart Abacus,

## Brochure of Workshop on Registration and Filing in GST

**DEPARTMENT OF COMMERCE  
NEWMAN COLLEGE  
THODUPUZHA**



**WORKSHOP ON REGISTRATION  
AND FILING IN GST**

01-12-2022  
SESSION 1: UNDERSTANDING GST  
TIME: 10:00 A.M. – 12:00 P.M.  
SESSION 2: GST REGISTRATION PROCESS  
TIME: 2:00 P.M. – 4:00 P.M.

02-12-2022  
SESSION 1: RECENT CHANGES IN GST  
TIME: 10:00 A.M. – 12:00 P.M.  
SESSION 2: QUESTION AND ANSWER SESSION  
TIME: 2:00 P.M. – 4:00 P.M.



Resource Person:

Mr. Antony Joseph  
Director of Pinnacle GST consultation and training Centre

**OBJECTIVE OF THE PROGRAMME:**

TO IMPART AN INTEGRAL PART OF DAY-TO-DAY LIFE PRACTICAL KNOWLEDGE IN GST

**EXPECTED OUTCOME OF THE PROGRAMME:**

GAIN KNOWLEDGE IN REAL TIME GST FILING AND AN IDEA ON HOW TO REGISTER THEMSELVES TO THE GST PORTAL

**COORDINATOR: Dr. DIVYA JAMES**

## Brochure of Workshop on Software Designing: An Introduction

**WORKSHOP ON SOFTWARE DESIGNING : AN INTRODUCTION**

**Department of Mathematics  
Newman College Thodupuzha**

Resource Person: **Mr. Rajesh Medackal**,  
Associate Director, Cognizant, Kochi

Coordinator: Smt. Dary John

**Objective of the Programme:** To familiarize the software development life cycle (SDLC) and the major steps involved in it.  
**Outcome of the Programme:** Gain valuable insights into various career opportunities in software field and the fundamental qualities, qualifications and skills needed for a candidate to be selected.

**25-06-2022**  
Session 1: Foundations of Software Design  
Time: 10:00 a.m. – 12:00 p.m.  
Session 2: Exploring Common Design Patterns  
Time: 1:00 p.m. – 4:00 p.m.

**26-06-2022**  
Session 1: Software Design Tools and Technologies  
Time: 10:00 a.m. – 12:00 p.m.  
Session 2: Career Paths in Software Design  
Time: 1:00 p.m. – 4:00 p.m.

# Brochure of Workshop on Telescope Making: Bridging Refractive Telescope and ICT Based Space Exploration

**DEPARTMENT OF PHYSICS**

**NEWMAN COLLEGE THODUPUZZHA**

**WORKSHOP ON TELESCOPE MAKING**  
Bridging Refractive telescope and ICT based Space Exploration

**24-2-2023**  
SESSION 1:  
TIME: 10:00 A.M. – 12:00 P.M.  
SESSION 2:  
TIME: 2:00 P.M. – 4:00 P.M.

**25-2-2023**  
SESSION 1: 25-2-2023  
TIME: 10:00 A.M. – 12:00 P.M.  
SESSION 2:  
TIME: 2:00 P.M. – 4:00 P.M.

**RESOURCE PERSON:**  
MR. K.L. Eappachan, Secretary, Idukki Chapter OF BSS &  
Prof. P.N.Thankachan Secretary B.S.S.Kerala Chapter


**24-6-2022 & 25-6-2022**

**OBJECTIVE OF THE PROGRAMME:**  
Aimed to familiarize students with the history and practical aspects of telescopes

**EXPECTED OUTCOME OF THE PROGRAMME:** Participants are expected to gain the skills to construct telescopes, understand lens focal lengths, and observe distant objects


# Brochure of Understanding the Basics of Microsoft Power Point

**Department of Botany & Biotechnology**  
in association with  
**Internal Quality Assurance Cell**  
**Newman College**  
Thodupuzha, Kerala



**COMPUTER SKILL ENRICHMENT PROGRAMME**

**UNDERSTANDING THE BASICS OF MICROSOFT POWER POINT**

Under the support of DBT Star College Scheme 

**Resource Person**  
Mr. Nithin Jose  
IQAC technical Staff  
Newman College

Date: 26 and 27 October 2022  
Time: 09:30 AM to 12:20 PM  
Venue: A block Computer lab

**Organizing team**  
Dr. Saju Abraham, Head, Dept. of Botany & Vice Principal, Newman College  
Dr. Anju T R, Program coordinator & Assistant Professor, Biotechnology  
Dr. Sr. Mariat George, Assistant Professor, Botany  
Ms. Riya Rose George, Assistant Professor on contract, Biotechnology  
Ms. Amrita Krishnakumar, Assistant Professor on contract, Botany  
Ms. Roshni Roy, Assistant Professor on contract, Botany

**Objective:** To enable students to make creative power point presentations.

**Expected Outcome:** Students should be able to make creative powerpoint presentations in a customised manner.

**Programme schedule**

**Day 1: 26 October 2022**

Technical session I (09:30 to 10:30 AM): Fundamentals of MS Office

Technical session II (10: 45 AM to 12:20 PM) : Hands on training MS Office

**Day 2: 27 October 2022**

Technical session III (09:30 AM to 11:30 AM): Hands on training in advanced features in power point

Technical session IV (11:40 AM to 12:20 PM): Activity on Power point making

2021-2022

## Brochure of Workshop on Mobile app Development



### NEWMAN COLLEGE THODUPUZHA

Department of Mathematics, Newman College, Thodupuzha in association with Institution's Innovation Council (IIC)

#### WORKSHOP ON MOBILE APP DEVELOPMENT

23-02-2022 & 24-02-2022



**Resource Person: Mr. Vineeth Vijayan,  
Senior Consultant, Neudesic, Kochi**

**23-02-2022**

**Session 1 :** Introduction to Mobile App Development:

**Time: 10:00 a.m. – 12:00 p.m.**

**Session 2:** Setting Up Development Environments:

**Time: 2:00 p.m. – 4:00 p.m.**

**24-02-2022**

**Session 1:** Introduction to Programming for Mobile Apps

**Time: 10:00 a.m. – 12:00 p.m.**

**Session 2:** User Interface (UI) Design for Mobile Apps:

**Time: 2:00 p.m. – 4:00 p.m.**

**Objective of the Programme:** Motivate students to enhance their software skills by further learning

**Outcome of the Programme:** Students get the front end and back end processes involved in mobile app development

**Coordinator: Dr. Sona Jose**



## Brochure of Two-Week workshop on Spectroscopic, Structural and Electrical Characterisation Techniques (SSECT 2022)

<p><b>Target audience</b></p> <ul style="list-style-type: none"> <li>• Those who completed or Pursuing M.Sc Physics /Material Science/Chemistry</li> <li>• Researchers and those who wish to Pursue Research in Material Science.</li> <li>• Certificates will be issued for those who have 90% marks in attendance and 75 % marks in assignment.</li> </ul> <p><b>How to Apply</b></p> <p>Kindly register for the workshop on or before 29/01/2022 using the link provided. The registered participants will be provided the link to attend the webinar through email or WhatsApp group.</p> <p><b>Registration Link</b> : <a href="#">[Link]</a></p> <p><b>Registration Fee</b> : Rs 100/- (Reg fee exempted for Newman students and alumni)</p> <p><b>Account Details</b> : M/s Newman College, Thodupuzha, South Indian bank, Newman college extension counter</p> <p><b>Account No</b> : 0658053000000003</p> <p><b>IFSC Code</b> : SIBL0000858</p> <p style="text-align: center;"><b>Coordinators</b> Dr. Beena Mary John Mr. Nohar C Kurian</p> <p style="text-align: center;"><b>Organising Committee</b> Dr. Indu Sebastian Dr. Sr. Srima MJ Dr. Sachin Jose</p> <p>For any queries, please contact : 91 8848522094, 91 0447700165, physics@newmancollege.ac.in</p>	<p><b>About the department</b></p> <p>The department of Physics started functioning in the college during 1965 for the purpose of teaching ancillary subjects for graduate courses in other subjects and was elevated into the status of a fully-fledged department by the commencement of undergraduate courses in the subject during 1981. The department has been elevated to the status of a Post Graduate Department during 1993 and is functioning as a Research Centre of the Mahatma Gandhi University, from 2007 onwards. The department have eight affiliated research guides from the college and produced five PhD thesis till now.</p> <p>The Research activities of the Department focus on Biophysics, Astrophysics, Microwave Electronics and Material Physics. More than 80 international research publications were contributed by the faculties of Physics department during the last five years.</p> <p>Besides research in astronomy, the department of Physics is actively involved in public outreach programmes like Observational astronomy projects and astronomy popularization activities.</p>	<p style="text-align: center;">Department of Physics</p> <div style="text-align: center;">  <p><b>Newman College, Thodupuzha</b> <i>Affiliated to MG University, Reaccredited with A grade by NAAC</i></p> <p style="font-size: small;">In association with</p> <p><b>DBT STAR College Scheme</b></p> </div> <div style="text-align: center;">  </div> <p style="text-align: center;">Two week (31 Jan 2022- 15 Feb 2022) online workshop on:</p> <p style="text-align: center; font-size: 1.2em;"><i>"Spectroscopic, structural and electrical characterization techniques"</i></p>
		

## Brochure of – “A Training Session on Website Designs”

**NEWMAN COLLEGE  
THODUPUZA**

### **A TRAINING SESSION ON WEBSITE DESIGN**

**Resource Person:**  
**Mr. Sijo Abraham, Program Manager, MariApps  
Marine Solutions Europe, Germany**

**Coordinated by- Department of Mathematics**

**08-01-2022**  
**SESSION 1 :** Introduction to Website Design:  
**TIME: 10:00 A.M. – 12:00 P.M.**

**SESSION 2:** Understanding User Experience (UX) Design:  
**TIME: 2:00 P.M. – 4:00 P.M.**

**09-01-2022**  
**SESSION 1 :** Introduction to Web Design Tools\  
**TIME: 10:00 A.M. – 12:00 P.M.**

**SESSION 2:** Graphic Design for the Web:  
**TIME: 2:00 P.M. – 4:00 P.M.**

**OBJECTIVE :** Motivate Students  
to enhance their Software  
Skills By Further Learning

**EXPECTED UTCOME :** Students  
Get the Front End and Back End  
Processes Involved in a Software  
Development

## Brochure of Advances in Applied Mathematical Science



**NEWMAN COLLEGE**  
Thodupuzha, Kerala  
(Affiliated to Mahatma Gandhi University, Kerala  
Re-accredited by NAAC with A Grade)

**DEPARTMENT OF MATHEMATICS AND STATISTICS**

**INTERNATIONAL WEBINAR SERIES**

**ADVANCES IN APPLIED MATHEMATICAL SCIENCES**

**20 - 24 SEPTEMBER 2021**



**INAUGURATION**  
20<sup>th</sup> Sep 2021@ 3.30 pm (IST)

**Welcome Speech**  
Ms. Nancy Jacob  
Asso.Prof., HOD, Department of Mathematics

**Presidential Address**  
Dr. Thomson Joseph  
Principal, Newman College, Thodupuzha


**Inaugural Address**  
Very. Rev. Msgr. Dr. Pius Malekandathil  
Manager

**Keynote Address**  
**Prof. Dr. Sabu Thomas**  
Vice-Chancellor, Mahatma Gandhi University, Kerala.

**Felicitation**  
Rev. Dr. Raju Jacob Pichalakkattu  
Vice-Principal, Newman College, Thodupuzha


**Vote of Thanks**  
Dr. Jane A.Luke  
HOD, Department of Statistics

## Brochure of Use of Digital Resources for Teaching and Learning Programme



**NEWMAN COLLEGE**  
THODUPUZHA, KERALA, INDIA  
(RE-ACCREDITED BY NAAC WITH A GRADE AT CGPA 3.32)  
[www.newmancollege.ac.in](http://www.newmancollege.ac.in)

**COLLEGE LIBRARY  
&  
INTERNAL QUALITY ASSURANCE CELL**



Organizes  
**NATIONAL WEBINAR ON  
'USE OF DIGITAL RESOURCES  
FOR TEACHING AND LEARNING'**

**Resource Person:**  
**Dr. P.K SURESH KUMAR**  
Assistant Librarian (Senior Scale) & Head, Information Technology Division  
Kerala University Library, Thiruvananthapuram

Date & Time: June 23, 2021 @ 3:00 PM to 5:00 PM

Registration Link: <https://forms.gle/YkoatijYR6ZuRVqT6>  
Meet link: [meet.google.com/hmt-yekw-ccj](https://meet.google.com/hmt-yekw-ccj)  
Youtube link: <https://youtu.be/PFPAlJcQ7JU>

To commemorate this year's National Reading Day (Vayana dinam) and National Reading Month observed in memory of the contributions made by Sri P.N Panicker to achieve universal literacy in the state of Kerala through various Library movements, Newman College library in association with IQAC is organizing a webinar on 'Use of Digital resources for teaching and learning'. The pandemic situation prompted student and teaching community to adopt digital platforms for effective teaching and this flip in classroom system require a clear idea on the use of various digital resources. In this context, familiarising the proper use of e-resources can help in igniting a new reading habit in young minds and open up more possibilities in teaching learning process. We, Newman team, cordially invite all to be a part of this webinar.

**Dr.P.K Suresh Kumar**


Dr.P.K Suresh Kumar, currently the Senior Grade Assistant Librarian and Head, Information Technology Division of the Kerala University Library, did his PhD in Library and Information Science from the University of Kerala. He is an academic counselor of Indira Gandhi National Open University (IGNOU) and a part-time faculty member of the school of Distance Education and Centre for Adult and Continuing Education, University of Kerala. He published 55 research papers and edited three books and currently 4 Research scholars are pursuing Ph.D in library science under his guidance. In addition to being the reviewer and editor of many journals in Library and Information Science, he serves as the member of many library advisory committees including KSHEC, subject expert of Kerala PSC and many appointment committees. He is the recipient of National awards in Library and Information Science like IASLIC-Ranganathan National Award and is the General Secretary of Kerala Library Association.

**ORGANISING COMMITTEE**

**Dr. Thomson Joseph** (Principal, Newman College)  
**Rev. Dr. Manuel Pichalakat** (Vice Principal, Newman College)  
**Fr. Paul Karakombil** (Bursar, Newman College)  
**Ms. Liz Jacob** (Librarian (UGC), Newman College & Program coordinator)  
**Dr. Bijimol Thomas** (IQAC Coordinator, Newman College)  
**Dr. Jenni K Alex** (NAAC Coordinator, Newman College)  
**Dr. Bejoy Thomas** (NAAC Joint Co-ordinator, Newman College)  
**Dr. Anju T R** (IQAC Joint coordinator, Newman College & Program coordinator)  
**IQAC and Library Advisory committee members**

2020-2021

## Brochure of IT Skills Training Program

	
<b>DEPARTMENT OF PHYSICS</b>	<b>NEWMAN COLLEGE THODUPUZHA</b>
<b>RESOURCE PERSON: Mr. Noble C Kurian</b>	
<b>IT Skills training program</b>	<b>16-11-2020 &amp; 17-11-2020</b>
<p>16-11-2020</p> <p>Session 1: Introduction to IT Skills Training Program</p> <p>TIME: 10:00 A.M. – 12:00 P.M.</p> <p>Session II: Basic IT Skills</p> <p>TIME: 2:00 P.M. – 4:00 P.M.</p> <p>17-11-2020</p> <p>Session 1: Programming Fundamentals</p> <p>TIME: 10:00 A.M. – 12:00 P.M.</p> <p>Session 2: Web Development Basics</p> <p>TIME: 2:00 P.M. – 4:00 P.M.</p>	<p><b>OBJECTIVE OF THE PROGRAMME:</b> To enhance participants proficiency in using software applications.</p> <p><b>EXPECTED OUTCOME OF THE PROGRAMME:</b> Participants are expected to gain the ability to navigate the complexities of the digital landscape and contribute effectively in various IT roles.</p>
<b>COORDINATOR: DR. BEENA MARY JOHN</b>	

## Brochure of Training Programme on E Content Development



### Newman College Thodupuzha

#### Training Programme on E content development



**Dr. Nijil George**

**Asst. Professor**

**St. Joseph's College, Irinjalakuda**

**10-08-2021**

**Session 1:** Foundations of E-Content Development  
**Time:** 10:00 a.m. – 12:00 p.m.

**Session 2:** Crafting Engaging Multimedia E-Content  
**Time:** 1:00 p.m. – 4:00 p.m.

**11-08-2021**


**Session 1:** Storytelling in E-Content Creation  
**Time:** 10:00 a.m. – 12:00 p.m.


**Session 2:** Emerging Tools in E-Content  
**Time:** 1:00 p.m. – 4:00 p.m.

**Objective of the Programme:** To equip participants with the knowledge and skills for effective of E-content for educational purposes.

**Outcome of the Programme:** Expect proficient content developers, capable of creating high-quality E-content for educational contexts.

## Brochure of Workshop on Online Teaching and Learning Resources



 **Newman College Thodupuzha**

**Workshop on online teaching and learning resources**

**Resource Person: Mr. Jerin Jose**  
**Research Scholar**  
**M. G University**

**Objective of the Programme:** To enhance educators' proficiency in utilizing online teaching resources for effective and engaging virtual learning experiences.

**Outcome of the Programme:** Empowered participants with the skills and knowledge to create, implement, and optimize online teaching resources, fostering an enriched and adaptive digital learning environment.

**25-06-2022**  
**Session 1:** Navigating the Digital Landscape: A Guide to Online Teaching Tools  
**Time:** 10:00 a.m. – 12:00 p.m.  
**Session 2:** Assessment in the Virtual Classroom: Strategies and Tools  
**Time:** 1:00 p.m. – 4:00 p.m.

**26-06-2022**  
**Session 1:** Tech Tips and Tricks: Enhancing Your Online Teaching Toolkit  
**Time:** 10:00 a.m. – 12:00 p.m.  
**Session 2:** Beyond the Basics: Advanced Strategies for Effective Online Instruction  
**Time:** 1:00 p.m. – 4:00 p.m.

**Coordinator: Dr. Jithin Joy**

2019-2020

## Brochure of Workshop on Registration and filing in GST

DEPARTMENT OF COMMERCE  
NEWMAN COLLEGE THODUPUZHA



### WORKSHOP ON REGISTRATION AND FILING IN GST



#### OBJECTIVE OF THE PROGRAMME:

To impart an integral part of day to day life practical knowledge in GST

#### EXPECTED OUTCOME OF THE PROGRAMME:

Expected to gain knowledge in real time GST filing and an idea on how to register themselves to the GST portal

04-1-2020  
SESSION 1: UNDERSTANDING GST  
TIME: 10:00 A.M. – 12:00 P.M.  
SESSION 2: GST REGISTRATION PROCESS  
TIME: 2:00 P.M. – 4:00 P.M.

05-1-2020  
SESSION 1: RECENT CHANGES IN GST  
TIME: 10:00 A.M. – 12:00 P.M.  
SESSION 2: QUESTION AND ANSWER SESSION  
TIME: 2:00 P.M. – 4:00 P.M.



#### RESOURCE PERSON:

Dr. N Ramalingam

Gulati Institute of Finance and Taxation, Government of Kerala

COORDINATOR: DR DIVYA JAMES



**Brochure of Workshop on Advanced Techniques for Effective PowerPoint Presentations**



Newman College  
Thodupuzha

Department of Botany

Workshop on Advanced Techniques For  
Effective Powerpoint Presentation

Mr. Nithin Jose

ASST. Director , School of Animation ,  
Thodupuzha



19/07/2019 & 20/07/2019

**NEWMAN COLLEGE  
THODUPUZHA**

1  
INTRODUCTION  
TO EFFECTIVE  
PRESENTATIONS

19-07-2019

10AM  
TO  
12PM

2PM  
TO  
4PM

2  
DESIGNING  
EFFECTIVE SLIDES

20-07-2019

1  
USING VISUALS  
AND MULTIMEDIA

10AM  
TO  
12PM

2PM  
TO  
4PM

2  
TIPS FOR A  
SUCCESSFUL  
DELIVERY

**Objectives**

To enhance participants' skills in designing visually appealing and engaging slides

**Outcome**

Participants gained a deeper understanding of the principles of effective presentation design

## Brochure of Workshop on Data Analysis

### Newman College Thodupuzha

#### Department of Commerce



## Workshop on Data Analysis

#### Resource Person:

Dr. Sony Kuriakose,  
Department of Commerce

Coordinator: Smt. Anitha Thomas

17-07-2019

Session 1 : Excel Fundamentals for Data Analysis  
Time: 10:00 a.m. – 12:00 p.m.

Session 2: Advanced Data Manipulation and Formulas  
Time: 2:00 p.m. – 4:00 p.m.

18-07-2019

Session 1: Visualizing Data: Charts and Graphs Mastery  
Time: 10:00 a.m. – 12:00 p.m.

Session 2: Automation and Reporting with Excel Macros  
Time: 2:00 p.m. – 4:00 p.m.

**Objective of the Programme:** Familiarize participants with the basic concepts of data analysis.

**Expected Outcome of the Programme:** Participants are expected to get basic proficiency in applying statistical techniques.

## Brochure of Hands-on Training on Short Film Making



### Newman College Thodupuzha Department of Communicative English

24-06-2019

**Session 1 : Introduction to Short Film Production**

**Time: 10:00 a.m. – 12:00 p.m.**

**Session 2: Scriptwriting and Storyboarding Techniques**

**Time: 2:00 p.m. – 4:00 p.m.**

25-06-2019

**Session 1: Cinematography Essentials for Short Films**

**Time: 10:00 a.m. – 12:00 p.m.**

**Session 2: Editing and Post-Production Mastery**

**Time: 2:00 p.m. – 4:00 p.m.**



Resource person: [Bibin Xavier](#)

## **HANDS ON TRAINING ON SHORT FILM MAKING**


**Objective of the Programme:** To showcase their creativity and filmmaking skills.

**Expected Outcome of the Programme:** Participants are expected to gain abilities in filmmaking skills.

Coordinator : [Smt. Romy Thomas](#)

2018-2019



Brochure of Two-Day Workshop on Python: An Introduction



**Newman College Thodupuzha**  
Department of Physics

**Two-day workshop on Python:  
An Introduction**

01-03-2019  
& 2-03-2019



**Resource Person: Ms. Jinsu Ann Mathew,  
Research Scholar, M.G University**

Coordinator: Dr. Beena Mary John

**01-03-2019**  
**Session 1:** Introduction to Python  
**Time:** 10:00 a.m. – 12:00 p.m.

**Session 2:** Control Flow and Functions  
**Time:** 1:00 p.m. – 4:00 p.m.

**02-03-2019**  
**Session 1:** Data Structures in Python  
**Time:** 10:00 a.m. – 12:00 p.m.

**Session 2:** File Handling and Libraries  
**Time:** 1:00 p.m. – 4:00 p.m.

Objective of the Programme: To Provide Fundamental Knowledge Of Python Programming Language And Basic Programming Concepts.  
Outcome of the Programme: Participants are expected to gain practical experience in using Python for scientific applications.

## Brochure of Training Programme on Data Analysis in Science Project



# TRAINING PROGRAM ON DATA ANALYSIS IN SCIENCE PROJECT



Department of Physics  
Newman College Thodupuzha

19-02-2019 & 20-02-2019

Resource Persons:

Dr. S. Sankararaman, Head, Dept. of Optoelectronics, University of Kerala

Mr. Noble C Kurian, Assistant Professor, Dept. of Physics, Newman College, Thodupuzha

19-02-2019

Session 1: Data Collection  
Time: 10:00 a.m. – 12:00 p.m.

Session 2: Data Interpretation  
Time: 1:00 p.m. – 4:00 p.m.

20-02-2019

Session 1: Analytical tools  
Time: 10:00 a.m. – 12:00 p.m.

Session 2: Presentation of data  
Time: 1:00 p.m. – 4:00 p.m.

**Objective of the Programme:** To familiarize the methodologies and techniques in analyzing experimental data.

**Outcome of the Programme:** Students are expected to gain data analysis skills.

**Coordinator-** Dr. Beena Mary John

## Brochure of Microsoft Automation Workshop



**DEPARTMENT OF ZOOLOGY**  
**NEWMAN COLLEGE**  
**THODUPUZHA**

**PROGRAMME:** MICROSOFT  
AUTOMATION WORKSHOP

**DATE:** 15-02-2019 TO 16-02-2019

**RESOURCE PERSON:** SRI JITHU BENNY

**OBJECTIVE:** TO PROVIDE THE KNOWLEDGE AND SKILLS  
TO EFFECTIVELY USE MICROSOFT PRODUCTS AND  
APPLICATIONS

**OUTCOME:** TO GAIN EFFICIENCY IN USING  
MICROSOFT SOFTWARE

**DAY 1:** 15/02/2019

**SESSION 1:** INTRODUCTION OF  
MICROSOFT AUTOMATION TOOL

**TIME:** 10:00 am-12:00pm

**SESSION 2:** ADVANCED EXCEL  
AUTOMATION TECHNIQUES

**TIME:** 2:00 pm-4:00 pm

**DAY 2:** 16/02/2019

**SESSION 1:** STREAMLINING  
WORKFLOW WITH MICROSOFT

**TIME:** 10:00 am-12:00 pm

**SESSION 2:** TASK AUTOMATION WITH  
MICROSOFT POWER SHELL

**TIME:** 2:00 pm-4:00 pm

# Brochure of Advanced Microsoft Excel and MATLAB Training for Students

## Newman College Thodupuzha

### Department of Physics



#### Advanced Microsoft Excel and MATLAB Training for Students

##### Resource Person:

Prof. Neelakandan, Principal, ASIET

15-01-2019,&

16-01-2019



**Objective of the Programme:** The objectives of the program included, introduction to advanced Excel techniques for data analysis and reporting and to enhance participants' skills in using Excel for data manipulation, visualization, and reporting.

**Outcome of the Programme:** Participants are expected to gain a comprehensive understanding of advanced Excel techniques for data analysis and reporting.

15-01-2019

Session 1 : Excel Fundamentals for Data Analysis

Time: 10:00 a.m. – 12:00 p.m.

Session 2: Advanced Data Manipulation and Formulas

Time: 2:00 p.m. – 4:00 p.m.

16-01-2019

Session 1: Visualizing Data: Charts and Graphs Mastery

Time: 10:00 a.m. – 12:00 p.m.

Session 2: Automation and Reporting with Excel Macros

Time: 2:00 p.m. – 4:00 p.m.

Coordinator: Dr. Beena Mary John, Dept. of Physics