1.2.1 Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)

HEI Input:

54

DVV suggested Input:

27

Change Input: (Optional)

32

Query: Values have been updated excluding the VAC offered beyond the assessment period has not been considered and also the repetition of the Add on/Value added programs in each academic year during the assessment period has been considered as one as per NAAC SOP; HEI to provide circular, brochure, report, syllabus covered, letter of approval for starting the course, time table, attendance sheet for the following VAC: 1) Exploratory Data Analysis using R Programming (2022-23) 2) Online course on introduction to research and preparation of Dissertation (2021-22) 3) Computer Accounting -Tally (2020-21) 4) Remote sensing and GIS in natural resource management (2019-20).

ANSWER: We have reviewed the query regarding the exclusion of VACs offered beyond the assessment period and the consideration of repeated Add-on/Value-Added Programs during each academic year as per NAAC SOP. In response, we are submitting the necessary documents for the requested Value-Added Courses (VAC) conducted during the assessment period:

- 1. Exploratory Data Analysis using R Programming (2022-23)
- 2. Online Course on Introduction to Research and Preparation of Dissertation (2021-22)
- 3. Computer Accounting Tally (2020-21)
- 4. Remote Sensing and GIS in Natural Resource Management (2019-20)

The following documents are enclosed for each course:

- a. Circulars
- b. Brochures
- c. Course reports
- d. Syllabus covered
- e. Letters of approval for initiating the course
- f. Timetables
- g. Attendance sheets

These documents ensure compliance with NAAC SOP, confirming the validity of the courses within the assessment period.

SI. No.	Name of Add on /Certificate /Value added programs offered and online MOOC programs like SWAYAM, NPTEL etc. programs offered	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course	Numb er of stude nts enroll ed in the year	Number of Student s complet ing the course in the year
1	Exploratory Data Analysis using R Programming2		2022-23	1	30 Hours	17	17
2	Medical coding program		2022-23	1	100 Hours	10	10
3	Certificate course in Detection of food adulterarion - milk, milk		2022 23	1	Hours	10	
	products and vegetable oils		2022-23	1	30 Hours	45	45
4	Basic Urdu learning	URDA OC- 1	2022-23	1	30 Hours	10	9
5	Economics of Tourism	3A03E CO	2022-23	1	25 Hours	22	20
6	Health Economics	3A02E CO	2022-23	1	25 Hours	22	20
7	Kerala History for Competitive Examination	ACHIS 1	2022-23	1	30 Hours	30	30
8	SargathmakaRa chana		2022-23	1	30 Hours	16	16
9	Certificate course in Computerized Accounting - Tally		2022-23	1	30 Hours	36	36
10	Data Analytics using MS Excel		2022-23	1	30 Hours	31	31
11	Smart Investor- Stock market course for		2022-23	1	30 Hours	36	36

	Beginners]		
12	Certificate course in Documental Translation and						
	Secreatarial Practice		2022-23	1	30 Hours	53	53
13	Research Methodology	ACFO R3	2022-23	1	30 Hours	47	47
14	Introduction to	110	2022 25		30 110015	.,	.,
	computational analysis	AOCHE 01CMP	2022-23	1	30 Hours	8	8
15	Computer Aided Drug Design (CADD)		2021-22	1	30 Hours	24	24
16	Online course on introduction to research and preparation of						
17	Dissertation		2021-22	1	36 Hours	12	12
17	Diary management		2021-22	1	30 Hours	52	52
18	Wealth Management and Financial						
10	planning	1.4.D	2021-22	1	25 Hours	15	15
19	Arabic for Beginners	1AD- ARB01	2021-22	1	30 Hours	65	65
20	Basic Course in Ornithology	ACFO R1	2021-22	1	30 Hours	33	33
21	English for Competitive Exam						
22	Essentials of	AOC1	2021-22	1	30 Hours	25	15
22	Spoken English	ESE01	2021-22	1	30 Hours	18	10
23	Reproductive health and parenting	Zoology	2020-21	1	25 hrs	15	14
24	Certificate course in organic farming and	20010gy	2020-21	1	25 1115	13	17
	techniques		2019-20	1	20 Hours	30	30
25	Certificate course in computational						
26	chemistry		2019-20	1	20 Hours	25	25
26	Secretarial practice in		2019-20	1	30 Hours	82	82

	Arabic					
27	Certification in					
	business					
	communication	2019-20	1	30 Hours	42	42
28	Easy English					
	programme	2019-20	1	30 Hours	128	128
29	Remote sensing					
	and GIS in					
	natural					
	resource					
	management	2019-20	1	30 Hours	28	28
30	Yoga for					
	Healthy life	2019-20	1	30 Hours	72	72
31	News Writing					
	and Editing	2019-20	1	30 Hours	45	45
	Online Course					
	Enrollment	2019-20			51	
32	Pre-Marital					
	Counseling					
	Courses	2018-19	3	24 Hours	93	93

The details of Add on / Value Added courses mentioned in the DVV process are provided below

 Exploratory Data Analysis using R Programming (2022-23)



ADD ON COURSE

in

ACSTA01-Exploratory Data Analysis Using 'R'
programming



SIR SYED COLLEGE, TALIPARAMBA

(Affiliated to Kannur University) Re-accredited by NAAC with A Grade Kannur, Kerala, India-PIN 670142

NAME OF THE ADD ON COURSE

: EXPLORATORY

DATA ANALYSIS USING 'R' PROGRAMMING

Offered By

: Department of Statistics

Name of the Course Coordinator

: Ms.Fathimathul Nithasha Beegam I

Assistant Professor.

Dept. of Statistics, Sir Syed College, Taliparamba

Chairman

: Ms. Mashooda Kauser .G.D

Associate Professor & Head.

Dept. of Statistics, Sir Syed College, Taliparamba

Members

- Mr.Mansoor.N.K ,Assistant Professor, Dept. of Statistics, Sir Syed College, Taliparamba
- Mr. Linto Joseph , Assistant Professor, Dept. of Statistics, Nirmala College, Muvattupuzha
- 3. Ms. Mashuda Kauser. G.D. Associate Professor & Head

Vision and Mission of the course:

- Using R can help analysis efficiently
- > To improve the impact and accessibility of data report and presentation
- > setting and thereby enhance the employability of the learners

Programme specific outcome:

- > To provide an overview of the tools needed for data analysis
- > to enable students by using R for effective data analysis
- > To provide training in statistical software
- > To demonstrate conceptual understanding of the

unified nature of statistical inference.

Methodology for Teaching, Learning and Evaluation

Lectures ,Presentations,Assignment,Model Practical Examination.

> Evaluation

Evaluation	Weightage %
External (Based on Theory and Practical exam)	60
Internal (Based on Internal test, assignment and Viva)	40

Name of the Add on Course :- EXPLORATORY DATA ANALYSIS USING 'R' SOFTWARE

		1
4	3	2
	4	4 3

Detailed syllabus with modules and hours.

MODULE I

Introduction to R, CRAN, Install R and RStudio, Help in R, R script, R variables, Install and Import library/packages in R, Built-in functions in R, Data objects in R, Data types in R-vectors, matrices, arrays, factors, lists, data frames, Operators in R,

MODULE II

Mean, Median, Mode, Range, Quartiles, Standard deviation, Variance, Skewness, Kurtosis. Bar chart, Pie chart, Box plot, Line graph, plot, Histogram, Density plot. Correlation & Regression in R.

MODULE III

Random Number Generation of Binomialdistribution, Poisson distribution, Standard Uniform distribution, Exponential distribution and Normal distribution. Plotting of Probability distributions in R.

ADD ON COURSE IN STATISTICS

ACSTA01-EXPLORATORY DATA ANALYSIS USING 'R' PROGRAMMING-ACSTA01

LIST OF QUALIFIED STUDENTS

2022-23

S1.No	Roll No	Name of the Student	Name of the major programme
1	01	Convers	and a major programme
2	02	GOPIKA T T	Bsc.Mathematics
3	7.0	VASUDEV C S	Bsc.Mathematics
	03	ASLAHA PP	Bsc.Mathematics
4	04	FATHIMA MUHAMEEDALI	Bsc.Mathematics
5	05	ZIBA SHERIN CHERUKUNNON	Bsc.Mathematics
6	06	ELIZABETH JOSE	BA.Economics
7	07	HRIDYA	BA.Economics
8	08	IRFANA P	BA.Economics
9	09	SHAFNA	BA.Economics
10	10	ABHINANDH RAGU	BCom
11	11	AADIL C.K	BCom
12	12	AYSHA SANAH	BCom
13	13	FATHIMATHUL HIBA	BCom
14	14	CHRISTY JILS	BSc.Physics
15	15	AFEEFA KV	BSc.Phyiscs
16	16	LAMIYA K	BSc.Phyiscs
17	17	SAYANANTH	BSc.Phyiscs

ATTENDANCE

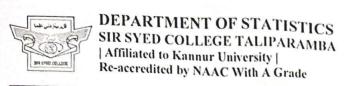
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ADD ON COURSE

SIR SYED COLLEGE

DATA ANALYSIS USING R STUDENT'S ATTENDANCE Total Absence up to previous week Admission No. 111 Namo 111 11 hr hr hr hr hr hr hr hr a (nopika-TT Vasudev-CS Aslaha PP OL a X a 02 X a Falhima Muhamma Ziba Shervi X Elizabelk Jose a a a X 9 Abhimandh Regu. X a Aysha · Canab. 12 Falhimalial Hiba X 13 a 14/15 al a 17 18 Initials of the Teacher

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ADD ON COURSE REPORT



Date: October 2022

In an exciting development for students interested in data science, the Statistics Department has conducted a new course titled "Exploratory Data Analysis Using R Software." The course began in the second week of October 2022 and completed on Jan 12,2022 by conducting a Practical exam. The course is being led by a team of experienced instructors: Fathimathul Nithasha Beegam I,Mansoor N k, Rizwana K. There were 17 students from various department like Maths, Economics, statistics etc. We aim to equip students with essential skills in data analysis, focusing on practical applications using R software. Students have already engaged in dynamic discussions and hands-on exercises, setting a positive tone for the learning experience ahead. This initiative reflects the growing emphasis on data literacy and analytical skills across disciplines.

Stay tuned for more updates as the course progresses and students dive deeper into the world of data analysis!

Course Coordinator



DEPARTMENT OF STATISTICS SIR SYED COLLEGE TALIPARAMBA | Affiliated to Kannur University |

| Allihated to Kannur University | Re-accredited by NAAC With A Grade

To

Date:05/10/22

The Principal,

Sir Syed College, Taliparamba

Subject: Request for permission to conduct an add course on "Exploratory Data Analysis using R Software"

Dear Sir,

I hope this letter finds you well. I am writing to seek you a kind permission to conduct an add on course on the topic "Exploratory Data Analysis Using R software". This program aims to introduce our new software'R' to the undergraduate students for enhancing their skill development and to develop statistical thinking, this program will focus on equipping participants by practicing our modern tools. The proposed dates are scheduled on 12/10/22 to 25/11/22 from 3:30 pm to 4:30 pm at Data Analysis Centre, Department of Statistics. The following teachers are interested to take a part of this course

1.Mr. Mansoor, N.K.

2.Ms.Fathimathul Nithasha Beegam I

3.Ms.Rizwana K

We kindly request your approval and support to conduct this course,

Thank you for considering this request. We look forward for your positive response

Sincerely

Mr.Mansoor.N.k,

Head, Department of Statistics

Sir Syed College, Taliparamba

14 mmg



ADD-ON COURSE CERTIFICATE

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Mr./Ms.	Elizabett	9 Jos	e	
has successfully com	pleted the Add-	on Course on	Exp	ploratory
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with course code	Ac.	57401	offere	ed by the Departmen
of Stat	tistics '	and the second section of the second section of the second	during th	e period 2022-23.
Head of the Dep	artment	Course Coor	dinator .	Course Convener

Date: 8/1/23

IQAC Coordinator Principal

SIR SYED COLLEGE, TALIPARAMBA

DEPARTMENT OF STATISTICS

ADD ON COURSE EXAMINATION ,JANUARY

ACTA01-EXPLORATORY DATA ANALYSIS USING 'R' SOFTWARE

Time: 3 hours

Max.Mark:48

Unit 1

(Answer any one question each question carries 6 mark)

1. Draw a Pie-Diagram for the following data of sixth five year plan public sector outlays:

Agricultural and rural development - 12.9

Industry & Minerals - 15.4

Irrigation - 12.5

Transports – 15.9

Energy - 27.2

Others - 16.1

The number of blood donations in the years 1995 and 2000 in various blood groups are given in the following table. Represent the data by multiple bar diagram

Year	0	A	В	AB
1995	1154	526	775	155
2000	1700	1125	1280	560

Unit II

(Answer any 3 questions each question carries 6 mark)

3. Compute mean, mode, and median for the following frequency distribution.

Height in cm	No.of adult
	men
145-150	4
150-155	6
155-160	28
160-165	58
165-170	64
170-175	30
175-180	5
180-185	5

Compute Pearson's and Bowley's measure of skewness based on the following data.

У	1	2	3	4	5	7	8	10	11	12	13	17
f	4	2	7	5	13	8	6	1	2	2	2	1

Also compute measure of kurtosis.

- Pregnant laboratory rats were injected with an experimental drug prior to the birth of their litters. The no. of live births was recorded for each of the rats are 35.Compute
 - i). Range
 - ii) Quartile Deviation
 - iii) Mean Deviation About Mean
 - iv) variance

No. of Survivals	0	1	2	3	4	7
No. of Liters	1	3	7	14	8	2

6. Obtain three quartiles, seventh deciles and fifty fourth percentile for the following data

X	0	1	2	3
f	8	11	5	1

Unit III

(Answer any ONE questions each question carries 6 mark)

- 7. Generate a random sample of 50 observations from a normal distribution with parameters 3,5 and test the normality by using graphical method
- The probability that a a voter will belive a rumour about a politician is 0.2.if 20 voters are told individually, find the probability that
 - a) None of the 20 believes rumor
 - b) Two or more belive the romour.

Determine the mean and SD of the number who belive.

- Suppose that the number of screws produced by a sophisticated machine per day has a
 Poisson distribution with mean 2. What is the probability that out of total production of the
 day, there is
 - a) No defective screw.
 - b) Exactly 2 defective screw.
 - c) Atleast one defective screw.
 - d) At most two defective screw

Unit IV

(Answer any 1 questions each question carries 4 mark)

10. Using the data given below draw a scatter plot to check whether it is reasonable to fit a line of regression and also obtain Spearman's coefficient of correlation. Using these values test the hypothesis that the population correlation coefficient is zero.

X	1	3	4	6	8	9	11	14
Y	1	2	4	4	5	7	8	9

11. The table shows the marks of 10 students in maths(X) and statistics(Y) exam. Find the regression equations of X on Y and hence to find the score of a student in statistics if her score in maths is 28.

X	34	37	36	32	32	36	35	34	29	35
Y	37	37	34	34	33	40	39	37	36	35

Class

W 1.3

SIR SYED COLLEGE TALIPARAMBA

Karimbam P.O. 670142

Semester	

Name of Candidate - Laba Sheein	•
Name of Examination (Course and Year)	n conse, R'softial
Question Paper Code AC S7A01	
Date 0 5 0 1 20 2 3. Date Month Year	

Question No	Grade Marks Awarded Grade Point (as the case maybe)	Weightage	W.G.P. A/Marks
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   m, c-min (whin: (c1=n/2))
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  7 c 2-c,[m, -1]
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>4<- (112,3,4, 113). > > f<-c (112,2,5, -1); > y <- up (xit) > summay (y) sig ~ <- 19 + 1/2 /cqdc-iqx/(3+1) send. 7 n < lengt > V<- Vary) + (n-1) V L- Var(4) + (n-1)/n. >5d <- V1 0.5 > cv. c- sd/cmean(4)

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Time table for the add course on ACSTA01- "Exploratory data analysis using "R" software".

Duration: one hour

Time : 3:30 pm-4:30 pm

Day	Date	Session	Topic	Trainer
1	12-10-22	SESSION-1	Introduction to R ,CRAN,vectors in R	Ms.Fathimathul Nithasha Beegam I
2	13-10-22	SESSION-2	Data frames,lists,matrices,arrays	Ms.Rizwana K
3	17-10-22	SESSION-3	Measures of central tendency- mean,median,mode	Mr.Mansoor N.K
4	19-10-22	SESSION-4	PLOTS & GRAPHS	Ms.Fathimathul Nithasha Beegam I
5	20-10-22	SESSION-5	Measures of Dispersion- Variance,sd,mean deviation,quartiles,range	Mr.Mansoor N.K
6	28-10-22	SESSION-6	BOXPLOT,QQ PLOT	Ms.Fathimathul Nithasha Beegam I
7	7-11-22	SESSION-7	Kurtosis,skewness	Mr.Mansoor N.K
8	8-11-22	SESSION-8	Histograms, Density plots	Ms.Fathimathul Nithasha Beegam I
9	14-11-22	SESSION-9	Case studies in R	Mr.Mansoor N.K
10	15-11-22	SESSION-10	Random Number simulation,different probability distributions	Mr.Mansoor N.K
11	18-11-22	SESSION-11	Simulations in exponential,standard normal etc	Ms.Fathimathul Nithasha Beegam I
12	22-11-22	SESSION-12	Pplotting of probability distributions in R	Ms.Rizwana K

Mansoor N.K.
Assistant Professor
Department of Statistics
Sir Syed College, Taliparamba 670142
E-mail: mansoornk@sirsyedcollege ac.in

 Online course on introduction to research and preparation of Dissertation (2021-22)

Who can join?

UG/PG students and interested faculty members from Kerala can join this programme.

Workshop Objectives:

- introduce the concept of research, its methodology and the writing process.
- instigate research aptitude among UG/PG students.
- to raise awareness about the potential benefits of scientific investigation.
- introduce various forms of scientific writing and the ethical practices involved in academic writing.
- familiarise the students the web search strategies to retrieve resources for research.
- present the best practices in dissertation writing.
- create awareness about academic plagiarism, how to cite sources properly and manage references.
- provide guidance in research opportunities in Institutes of National Importance, Central Universities and State Universities.

With regards,



Dr.Ismail Olayikkara Principal Sir Syed College, Smt. Sandhya Sebastian Managing Director Lore & Ed Research Associates Pala, Kottayam









DEPARTMENT OF ZOOLOGY

SIR SYED COLLEGE, TALIPARAMBA in association with

LORE & ED RESEARCH ASSOCIATES organizes

State Level Online Workshop on

INTRODUCTION TO RESEARCH &

PREPARATION OF DISSERTATION

For more details, click here

Workshop Duration: 07.02.2022 to 26.02.2022 (12 Days, 12 Sessions)

Time: 07:00 to 09:00 PM

Fee: ₹100 - G-PAY_7559945401 For Registration, Click here

CHIEF GUEST



Sri. K. Jayakumar IAS (Retd.)

Director
Institute of Management in Government.
Founder Vice Chancellor
Malayalam University

KEYNOTE SPEAKER



Dr. Johnson JamentResearch Associate
School of Global Studies
University of Sussex, UK

VI-CLERALANTIN

Date of Inauguration: 04.02.2022 Time: 05:00 PM



zoom

COORDINATORS

Sri.Jinto Michael

Director
Lore & Ed Research Associates
Ph:+917559945401
info@loreanded.com

Dr.Mumthaz TMV

Assistant Professor & Head Department of Zoology Sir Syed College, Taliparamba

Smt.Bushra N

Assistant Professor Department of Zoology Sir Syed College, Taliparamba

Dr.Amina Poovoli

Assistant Professor (on Contract) Sir Syed College, Taliparamba

Miss.Lamiha Parveen.M

Association Secretary Department of Zoology Sir Syed College, Taliparamba

Sessions will be recorded and hosted in the Learning Management System for 90 days after the workshop.

E-certificate will be provided.

Follow-up will be done using LMS platform.

PANEL OF EXPERTS



Dr. P. N. Harikumar
Professor
Department of Commerce
University of Kerala (Kariavattom Campus)

Dr. P. N. Harikumar is a Professor at the Department of Commerce, School of ess Management and Legal Studies, University of Kerala. He also serves as ionorary Director of Kerala University Study and Research Centre (KUSRC), Auappuzha. Under his guidance, 15 research scholars were awarded Ph.D. He has authored 46 books and published 135 articles. He is a lifetime member of the Indian Commerce Association (ICA), Indian Accounting Association (IAA), and Commerce and Management Association of India (CMAI). He is also a member of University Research Committee, Mahatma Gandhi University, Kottayam, BOS in Management (PG), Kannur University, BOS in Commerce (PG), University of Kerala, and University Research Committee, Kannur University. He is also a member of the Research Committee in Kerala State Higher Education Council.



Sri. Venkitachalam Sriram Chlef Librarian KN Raj Library

Centre for Development Studies, Thiruvananthapuram

Apart from Library/Information Management, Sri. V. Sriram has experience in managing IT Operations, Communications, Customer Relations, and Training Before Joining the Centre for Development Studies, Thiruvananthapuram, he was the Assistant Librarian at British Library, Thiruvananthapuram where he was responsible for Customer Services and ICT systems. He was also a Member of the Board of Studies of the Department of Library and Information Science, Rajagir College of Social Sciences (Autonomous), Kochi. He has published three journal articles and co-edited a book. He is the co-editor of the Kerala Studies Blog ALA, and the editor of the Kerala Scholars Messenger information service on Telegram App.



Dr. Vimal Kumar V.

Reference Assistant
M.G. University Library, Kottayam

Dr. Vimal Kumar V. Is currently the Reference Assistant (Documentation Section) in Mahatma Gandhi University Library, Kottayam. He has finished PhD in Library and Information Science from Mahatma Gandhi University. He is a proponent of Source computing and Open Access publishing. He is an expert in Linux (ucolan, Ubuntu), Dspace, and Koha Library Software. He has published a number of blooks on Open Access computing and publication. He maintains a number of blogs to sharpen the skills of academic and library professionals. His Koha Geek blog is popular among library professionals. He has served as Live DVD Manager for the Koha (version 3.12)project.



Dr. Vaisakhan Thampi D. S. Assistant Professor Department of Physics

Mahatma Gandhi College, Thiruvananthapuram

Dr. Vaisakhan Thampi holds a Ph.D. in Physics from National Institute for Interdisciplinary Science and Technology (NIST), Thiruvananthapuram which is one of the national laboratories of Council of Scientific and Industrial Research (CSIR). He is specialised in Materials Science and his area of research is solid oxide electrolytes. He has seven international research publications and four books in popular, science to his credit. He has authored many, science articles for newspapers and magazines in Malayalam. He has delivered invited science talks in Mumbai, Chennai, Bangalore, Perth, Brisbane, Melbourne, Sidney, London, Dublir and Abu Dhabi, He is enthusiastically involved in popularising science among the mass through various social network platforms like YouTube and Facebook.

PANEL OF EXPERTS



Dr. Praveena K.
Assistant Professor
Department of Economics
NSS college, Cherthala

Dr. Praveena K. holds a PhD in Economics from Cochin University of Science and hology, Cochin. She has published many research articles in different journals and has co-authored a book. She worked in the question paper setting committee and has been a resource person at various colleges. She is an active researcher, and her areas of interest are development economics and welfare economics.



Dr. Priyadarsini P. Assistant Professor & Head Department of History

Providence Women's College, Calicut

Dr Priyadarsini P is an Assistant Professor in the Department of History, Providence Women's College, Kozhikode. She was a topper at Women's Christian College, Chennai for B.A History and was a second rank holder for M.A. at the University of Calicut. She completed her PhD from the University of Calicut in 2007 and has sixteen years of teaching experience. She enjoys public speaking and is an artist by passion.



Sri. Sanjo Jose

St. Thomas College (Autonomous), Thrissur

Before joining St. Thomas College (Autonomous) Thrissur, Sanjo Jose was the Librarian cum Assistant, Professor in Library & Information Science (Contractual), Rajagiri College of Social Sciences, Kochi, Apart from Library & Information Science, he has a master's degree in Statistics and an Information & Knowledge Jement Degree from Indian Institute of Science, Bangalore. He was also a Itant at Crealis, a Spanish company for King Saud University, Riyadh. He was also a Project Staff at Indian Institute of Science, Bangalore and has also worked as a consultant at Valtech, a French Company for National Mission for Manuscripts, Ministry of Tourism and Culture, Govt of India. He has digitised more than a million manuscript leaves.



Smt. Lakshmi Dinachandran Freelance Academic Editor Physical Sciences and Engineering/ Language Consultant

Lakshmi Dinachandran is a science writer, editor, and web journalist with 5+ years of experience in science editing, communication, web journalism, publishing, and author services. She also has 10+ years of experience in university teaching. She has authored three books including two university-level textbooks, scripted over a hundred YouTube videos, and written articles on a variety of topics. She was recently awarded a sponsorship to attend the 15th General Assembly and Conference of the European Association of Science Editors.

PANEL OF EXPERTS



Km. Anuja Jose Research Scholar Department of Humanistic Studies IIT (BHU), Varanasi

e joining the Department of Humanistic Studies, IIT- BHU, Varanasi as a arch scholar, Anuja Jose was an Assistant Professor at the Department of English, Stella Maris College, Chennai. She was also the coordinator of the Language Partnership Programme at Stella Maris. Her areas of interest are Gender and Ritual Studies. She has been involved in several language enhancement short term DAAD (German Academic Exchange Service) fellowship from Heidelberg University, Germany.



Smt. Anjali Mathews Research Scholar School of Management Studies NIT Calicut

Aniali Mathews is a Research Scholar at the School of Management Studies, National Institute of Technology, Calicut. Before joining NIT Calicut, she was an Assistant Professor (Ad hoc) at LBS institute of Technology for Women, Trinndrum. She completed his Masters in Economics with first rank from Central sity of Haryana. She is experienced in using statistical data analysis tools including R Studio and SPSS.

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Dr. Haseena Akbar Post-Doctoral Fellow School of Management Studies CLISAT, Kochi

Dr. Haseena C. Akbar holds a Ph.D. in Economics from the Department of Applied Economics, CUSAT. Her core research areas are International Labour Migration Theories, Microeconomics, Macroeconomics, and Developmental Theories, She is a facilitator in Social Science Research. She is an expert in analysis of statistical data using R Studio, Gretl and SPSS.

TOPICS FOR DISCUSSION

- What is research?, basic principles of research, conducting research ethically; various forms of scientific writing - theses, technical papers, reviews &
- Research methodology: quantitative, qualitative, and mixed methodology
- Information literacy: Types of information sources primary, secondary, and tertiary sources; information search techniques - basic search and advanced search; academic information sources (print & online); national and international information systems
- Books and journals -ISBN, ISSN, DOI; intellectual property rights; plagiarism and anti-plagiarism tools; citing of information sources; style manuals
- Preparing a reading list using Mendeley; Zotero reference management software
- Common errors in writing dos and don'ts
- Report writing: Title page, authorship, contents page, pagination, numbering of tables, and writing of numbers and dates in scientific write-ups
- Research and report writing in languages and arts, social science and science disciplines disciplines !

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List of Registered participants "Introduction to Research and Dissertation Preparation" online course

	First was BCs soology	Sirsyed college, Thalipparamba	9188706172
Faheema PCM	-		9633194339
UMMUL FIDA M P	Bsc Zoology	Sil Syeu College	9207221744
MUHAMMED MAZIN NK	Bsc zoology	Sil Syca comago anamparam	9562227964
Abhina P	Zoology	Sit conage name	9037145196
Aminathul MUYEENATH A	Bsc Zoology 1st year	Sir Syed College	8156839214
raeesa fathima cp	Bsc zoology	sirsyed college	
Nandana.k	Bsc zoology	Sir syed college thaliparamba	6238007251
Nandana Raveendran	Bsc zoology 1st year	SN college Kannur	9567217967
Fidha samad pm	BSc zoology	Sir syed college	9496467732
Nandana Raveendran	Bsc zoology 1st year	SN College Kannur	9567217967
Gopika T	Bsc zoology first year	Sir syed college	7907940166
Fathimathul Asniya	BSc zoology	Sir Syed college, Thalipparamba	+919961381828
Ranjana.k.s	Bsc zoology	Sree Narayana collage thottada	6235378687
Amalesh kr	1st year bsc zoology	Sree narayana collage	8590591166
ARYA P V	1st year Bsc Zoology	Sir Syed college	8606576124
Devika Prakash	1BSc Zoology	Sree Narayana college Kannur	9947765714
Ardra P Prakash	1 year bsc zoology	Sir syed college Thaliparamba	9048289289
Soorya K S	Bsc Zoology	Sir Syed College, Taliparamba,	9188597996
Devika Prakash	1Bsc Zoology	Sree Narayana college Kannur	9544776571
Shalini krishna PP	1 st year bsc zoology	Sn college	8075176891
Devika Prakash	1BSc Zoology	Sree Narayana College Kannur	9947765714
NAVYA MOHAN	BSC ZOOLOGY- 1st yr	SIRSYED COLLEGE	9778138049
Safa S V	First year	Sir Syed college	9746985050
	1st year BSc.Zoology	Sir Syed College, Thaliparamba	6235466720
Safa Rafeeque AISWARYA K	B Sc Zoology	Sir Syed College, Taliparamba	9995120283
Swathi Krishna P G	1st year BSc Zoology	Sir Syed college, Taliparamba	9744653523
Swatni Krishna P G			

faheemapcm03@gmail.com ummulfida938@gmail.com mazinmuhammed96@gmail.com pabhina3824@gmail.com aamimuyee@gmail.com raeesafathima2002@gmail.com nandana.kovval@gmail.com nandanaraveendran637@gmail.com ridhasamad897@gmail.com nandanaraveendran637@gmail.com gopikat390@gmail.com fathimathulasniya2020@gmail.com ksranjanaks@gmail.com amaleshakr@gmail.com aryaramachandran124@gmail.com devika24devika@gmail.com ardrapprakash2001@gmail.com sooryaks02@gmail.com devika24devika@gmail.com shalinikrishna46@gmail.com devika24devika@gmail.com navyamohanp002@gmail.com safashareef84@gmail.com safarafeeq8080@gmail.com aiswaryak192@gmail.com swathikrishnapg02@gmail.com

"Introduction to Research and Dissertation Preparation" online course List of Registered participants

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Email Address abhiramam0403@gmail.com anaswaramadhunambiar@gmail.com dhanishadhanoop@gmail.com sasshyk@gmail.com adwaith113@gmail.com ashokgopika4@gmail.com ashokgopika4@gmail.com ashokgopika4@gmail.com ashokgopika4@gmail.com asreejashaji432@gmail.com adithyac2018@gmail.com aryav10072002@gmail.com aryav10072002@gmail.com lamihaparveen@gmail.com isarkmansoor@gmail.com nisarkmansoor@gmail.com ayshaa4u@gmail.com drishyaranjith090@gmail.com ayshaa4u@gmail.com ayshaa4u@gmail.com anaghatv18@gmail.com anaghatv18@gmail.com anaghatv18@gmail.com suhaaleema@gmail.com anaghatv18@gmail.com ayshaa4u@gmail.com sulfashyaranjith090@gmail.com ayshaa4u@gmail.com sulfashyaranjith090@gmail.com ayshaa4u@gmail.com ayshaa4u@gmail.com sulfashyaranjith090@gmail.com sulfashyaranjith090@gmail.com ayshaa4u@gmail.com sulfashyaranjith090@gmail.com
Phone number 7760026910 9188844680 7025715440 9846022332 9745394878 9656461325 8129544405 7025401562 9747009986 9567038610 9778348192 9048786931 9188243778 9447726324 9961787835 6238790173 9497727859 9562355838 8594088121 8089815559 9656328799 7736897416 7736897416
Name of the College Sir Syed College Taliparamba Sree Narayana College , Kannur Sreenarayana college , thottada SN college, Kannur Sn college Kannur Sn college Kannur Sree Narayana College SNC Sree College Kannur Sree Narayana college SN college kannur Sir Syed College, Thaliparamba Sir Syed College, Taliparamba Sir Syed College, Taliparamba Sir Syed College , Taliparamba Sir Syed College , Taliparamba Sir Syed College Taliparamba Sir Syed College , Taliparamba
Class 1st year BSc Zoology 1 year Bsc Zoology St Zoology St Zoology St Zoology Ssc Zoology
Name Abhinav M Anaswara Madhu Dhanisha K Abhirami B M Devika S Adwaith Satheesan Gopika P Ambily Sathyan Pooja K Aryasree k Adithya C Sulthana vn Arya V Vismaya m LAMIHA PARVEEN.M HAMIDA MOIDU Nizar Nihala C L Sreelakshmi deva B. J Aysha Selva Mohammed Ali DRISHYENDU AV ZUHA ALEEMA M ANAGHA T V Hasana. K
NO N

List of Students Successfully completed Addon Course

"Introduction to Research and Dissertation Preparation" online course

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MUHAMMED MAZIN NK	UMMUL FIDA M P	Faheema PCM	Hasana, K	Aysha Selva Mohammed Ali	Sreelakshmi deva B. J	Nihala C L	Nizar	HAMIDA MOIDU	LAMIHA PARVEEN.M	Abhinav M	Name	
Bsc zoology	Bsc Zoology	First year BSc zoology	S1 Zoology	BSc Zoology	Bsc zoology 1st year	Bsc. Zoology, 1st year	3rd sem history	BSc Zoology 1st year	BSc Zoology	1st year BSc Zoology	Class	
Sir Syed collage thaliparamba	Sir Syed College	First year BSc zoology Sirsyed college, Thalipparamba	Sir Syed College, Taliparamba	Sir Syed College, Taliparamba	Sir syed college thaliparamb	Bsc. Zoology, 1st year Sir Syed College , Taliparamba	Ssc	SIR SYED COLLEGE,	Sir Syed College, Thaliparamba	Sir Syed College Taliparamba	Name of the College	
9207221744	9633194339	9188706172	9947200506	8089815559	8594088121	9562355838	9497727859	6238790173	9961787835	7760026910	Phone number	
mazinmunaiiiiileu 90@giiiaii.coiii	ummuliidaeso@gmail.com	raneemapcillos@gmail.com	hasnakranman@gmail.com	ayshaa4u@gmail.com	sreelaksnmi8594@giridii.com	nihalacizou (@grifali com	nisai kitiai isoo @gii aii.	Hallingaing specific and specif	hamidamoidur02@gmail com	acilianianio rocegi	Email Address	

To

The Principal

Sir Syed College, Taliparamba

Kannur, Kerala

Subject: Request for Permission to Conduct a State-Level Online Workshop on "Introduction to Research and Dissertation Preparation"

Dear Dr. Ismail Olayikkara,

I hope this letter finds you well. I am writing to seek your kind permission to conduct a state-level online workshop titled "Introduction to Research and Dissertation Preparation" under the auspices of the Department of Zoology, Sir Syed College, in association with Lore & Ed Research Associates.

The workshop aims to introduce undergraduate and postgraduate students, as well as interested faculty members, to the fundamentals of research methodology, scientific writing, and ethical practices involved in academic writing. This program will also focus on equipping participants with the necessary skills to prepare high-quality dissertations and manage references using modern tools.

The proposed dates for the workshop are from 7th February 2022 to 26th February 2022, with sessions scheduled from 7:00 PM to 9:00 PM.

We believe that this workshop will greatly benefit the academic community at Sir Syed College and beyond, fostering research aptitude and enhancing the scholarly practices of our students and faculty members.

We kindly request your approval and support to conduct this workshop, and we would be grateful for any guidance or suggestions you may have to ensure its success.

Thank you for considering this request. We look forward to your positive response. 1/1/212.

Yours sincerely,

Dr. Mumthaz TMV

Head, Department of Zoology

Sir Syed College, Taliparamba, Kannur, Kerala

Time Table for the *"Introduction to Research and Dissertation Preparation" online course

Duration: 07.02.2022 - 26.02.2022

Time: 7:00 PM - 9:00 PM

Time Table for the "Introduction to Research and Dissertation Preparation"

Day	Date	Session	Topic	Speaker/Instructor	Time
Day 1	07.02.2022	Session I	Introductionto Research: Basic Concepts	Dr. Johnson Jament, University of Sussex, UK	7:00 PM - 9:00 PM
Day 2	08.02.2022	Session 2	Ethical Research Practices	Dr. Priyadarsini P., Providence Women's College	7:00 PM - 9:00 PM
Day 3	10.02.2022	Session 3	Forms of Scientific Writing	Smt. Lakshmi Dinachandran, Freelance Editor	7:00 PM - 9:00 PM
Day 4	12.02.2022	Session 4	Research Methodology: Quantitative Methods	Dr. P. N. Harikumar, University of Kerala	7:00 PM - 9:00 PM
Day 5	14.02.2022	Session 5	Research Methodology: Oualitative Methods	Dr. Praveena K., NSS College, Cherthala	7:00 PM - 9:00 PM
Day 6	16.02.2022	Session 6	Research Methodology: Mixed Methods	Dr. Vimal Kumar V., M.G. University Library	7:00 PM - 9:00 PM
Day 7	18.02.2022	Session 7	Information Literacy: Searching Academic Resources	Sri. Venkitachalam Sriram, K N Raj Library	7:00 PM - 9:00 PM
Day 8	20.02.2022	Session 8	Citation, Plagiarism, and Anti-plagiarism Tools	Dr. Haseena Akbar, CUSAT, Kochi	7:00 PM - 9:00 PM
Day 9	22.02.2022	Session 9	Report Writing: Structure and	Smt. Anjali Mathews, NIT Calicut	7:00 PM - 9:00 PM

CALCULA !			Formatting		
Day 10	24.02.2022	Session 10	Preparing a Reading List: Zotero & Mendeley	Sri. Sanjo Jose, St. Thomas College, Thrissur	7:00 PM - 9:00 PM
Day 11	25.02.2022	Session 11	Intellectual Property Rights: ISBN, ISSN, DOI		7:00 PM - 9:00 PM
Day 12	26.02.2022	Session 12	Research Opportunities in National and International Institutions	Dr. Praveena K., NSS College, Cherthala	7:00 PM - 9:00 PM



State-level Online Workshop on Research Methodology and Dissertation Preparation Organized by Department of Zoology, Sir Syed College, Taliparamba in associated with Lore & Ed Research Associates, Pala, Kottayam,

Course Title: Introduction to Research and Dissertation Preparation

Course Duration: 12 Days (12 Sessions)

Time: 7:00 PM - 9:00 PM

Course Objectives:

- Introduce students to research concepts and methodologies.
- Instill research aptitude in undergraduate (UG) and postgraduate (PG) students.
- Raise awareness about the potential benefits of scientific investigation.
- Introduce various forms of scientific writing and ethical practices involved in academic writing.
- Familiarize students with web search strategies for research.
- Present best practices in dissertation writing.
- Create awareness of academic plagiarism, proper citation, and reference management.
- Provide guidance on research opportunities in national and international institutions. Who Can Join: UG/PG students and interested faculty members from Kerala.

Module 1: Introduction to Research

- What is Research?
- Basic Principles of Research.
- Conducting Research Ethically.

Module 2: Forms of Scientific Writing

- Types of Scientific Writing: Theses, Technical Papers, Reviews, Manuals.
- Common Errors in Writing: Dos and Don't s.

Module 3: Research Methodology

- Quantitative, Qualitative, and Mixed Methodologies.
- Preparing Research Proposals.

Module 4: Information Literacy

- Types of Information Sources: Primary, Secondary, and Tertiary.
- Academic Information Sources (Print & Online).
- National and International Information Systems.

- Information Search Techniques: Basic and Advanced Search.

Module 5: Managing References

- Citation of Information Sources.
- Style Manuals (APA, MLA, etc.).
- Anti-plagiarism Tools.
- Preparing a Reading List using Reference Management Software (e.g., Mendeley, Zotero).

Module 6: Intellectual Property and Plagiarism

- Intellectual Property Rights.
- ISBN, ISSN, DOI.
- Plagiarism Awareness and Best Practices.

Module 7: Report Writing

- Components of a Report: Title Page, Authorship, Contents, Pagination.
- Writing of Numbers and Dates in Scientific Write-ups.
- Formatting Guidelines for Theses and Dissertations.

Module 8: Research Opportunities and Career Guidance

- Research Opportunities in Institutes of National Importance, Central Universities, and State Universities.
- Research in Languages and Arts, Social Sciences, and Science Disciplines.

Assessment:

- Attendance and Participation in all sessions.
- Assignments on Research Writing and Citation Practices.
- Completion of a Dissertation Proposal by the end of the course.

Additional Features:

- Access to session recordings for 90 days via the Learning Management System (LMS).
- E-certificate for participants who complete all sessions.

This course aligns with the objectives outlined and provides a structured approach to introducing students to research and dissertation preparation.

State-level Online Workshop on Research Methodology and Dissertation

Preparation Organized by Department of Zoology, Sir Syed College,

Taliparamba in associated with CMS College and Lore & Ed Research

Associates, Pala, Kottayam

Report

The Department of Zoology at Sir Syed College, Taliparamba, in association with

CMS College and Lore & Ed Research Associates, Pala, Kottayam, successfully

organized a State-level Online Workshop on Research Methodology and Dissertation

Preparation. The 12-day workshop, held from 7:00 PM to 9:00 PM daily, aimed to

introduce students to research concepts, methodologies, and the process of

dissertation writing. The course covered a wide range of topics, including scientific

writing, ethical research practices, citation management, and career opportunities in

research.

A total of 500 students registered for the course, and #2 participants who completed

all sessions and assignments received e-certificates. The course featured module-

based learning, covering research principles, writing styles, research methodologies,

and plagiarism awareness, alongside practical guidance on reference management

software like Mendeley and Zotero. Participants also had access to session recordings

via a Learning Management System for 90 days.

The workshop was well-received, successfully achieving its objective of building

research aptitude in undergraduate and postgraduate students and providing a solid

foundation for future academic endeavors.

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SIR SYED COLLEGE TALIPARAMBA

KANNUR-670141, KERALA in association with

LORE & ED RESEARCH ASSOCIATES

CERTIFICATE

This is to certify that Abhinav M,First year B Sc Zoology, Sir Syed College Taliparamba, Kannur has attended Introduction to Research and Dissertation Preparation From 7.2.2022 to 26.2.2022

Dr. Mumthaz TMV

Jinto Michael
Director & Course Coordinator
Lore & Ed Research Associates

3) Computer Accounting -Tally (2020-21)



DEPARTMENT OF COMMERCE SIR SYED COLLEGE, TALIPARAMBA

ADD ON COURSE

COMPUTERISED ACCOUNTING ALONG Tally

15.01.2021 TO 03.03.2021



Donas

From,

Shanayas S M

Head of the Department

Department of Commerce

Sir Syed College

Taliparamba

To,

The Principal

Sir Syed College

Taliparamba

Sir,

Subject: Request for Permission to Conduct Add-On Course in Computerized Accounting (Tally)

I am writing to seek your permission for the Department of Commerce to conduct an addon course on Computerized Accounting using Tally from15-01-2021 to 03-03-2021. We believe that this course will greatly benefit our students by enhancing their practical skills and preparing them for the demands of the industry.

Course Details:

- Course Title: Computerized Accounting (Tally)
- Duration: January 15, 2021, to March 3, 2021
- Target Audience: Students of the Commerce Department
- Mode of Instruction: [Online/Offline/Hybrid]

The course will cover essential topics such as:

1. Introduction to Tally

- 2. Creating and maintaining accounting records
- 3. Generating financial reports

We are confident that this program will enhance our students' employability and provide them with hands-on experience in modern accounting practices.

We kindly request your approval to proceed with this initiative. We assure you that all necessary safety measures and covid- 19 protocols will be followed if conducted on campus.

Thank you for considering our proposal. We look forward to your positive response.

Warm regards,

Shahawas S M

Approved

PRENCIPAL SIR SYED COLLEGE TALIPARAMEA-678 142



SIR SYED COLLEGE, TALIPARAMBA

(Affiliated to Kannur University) Re-accredited by NAAC with A Grade Kannur, Kerala, India-PIN 670142

NAME OF THE ADD ON COURSE: COMPUTERISED ACCOUNTING TALLY

Offered By: P G Department of Commerce

Name of the Course Co-Coordinator: RAMSEENA AZEEZ

Board of Studies Member

Chairman: Shanavas S.M(Assistant Professor, PG Dept Of Commerce, Sir Syed College, Taliparamba)
Members

- 1 Anaga Govindan ((Assistant Professor, Dept Of Commerce, Ses College, Sreekandapuram)
- 2 Ramseena Azeez (Assistant Professor, PG Dept Of Commerce, Sirsyed College, Taliparamba)
- 3 Shameel K (Assistant Professor, PGDept Of Commerce, Sirsyed College, Taliparamba)







Vision and Mission of the course

- · To create awareness in tally software
- · To provide practical training in accounting

Programme specific outcome

· To create an expertise in using tallyERP9

Suggested Methodology for Teaching, Learning and Evaluation

- 🗆 Lectures
- Written homework assignments
- Practice sessions

Evaluation

- · Written homework.
- Participation in lectures and practical sessions.

Evaluation	Weightage %
External (Based on Theory and Practical exam)	60
Internal (Based on Internal test, assignment and Viva)	40

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RAMSEENA AZEEZ

Post Conducte Department of Commerce
Sir Syed College, Taliparamba-670142

Name of Add on Course-: COMPUTERISED ACCOUNTING TALLY

Duration of the course	Course Code	Hours per week	Credit and Modules	Exam Hours
30 hrs.	COM	3	2 ,2	2 HRS

Course Outcomes:

• To create an expertise in using tallyERP9

Detailed Syllabus with module and hours

MODULE 1

Accounting-meaning-features-functions-types-journal and journalizing-ledger posting-totalling-balancing-trial balance-trading and profit and loss account-balancesheet (15 hrs)

MODULE 2

COMPUTERISED ACCOUNTING-Getting Functional With Tally Erp 9-Company creation-Set up of accounts-Accounting vouchers in tally ERP 9-Preparation of financial reports-Features of Tally ERP9 and their uses

(15 hrs)



Time Table

15-1-2021	Friday	5 hrs
23-1-2021	Saturday	5 hrs
6-2-2021	Saturday	5 hrs
20-2-2021	Saturday	5 hrs
6-03-2021	Saturday	5 hrs
12-03-2021	Friday	5 hrs
15-03-2021	Monday	2 hr Exam

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RAMSEENA AZEEZ

Assistant Professor

Post Graduate Department of Commerce
Sir Syed College, Taliparamba-670142



Computined Accounting - Tally

P G DEPARTMENT OF COMMERCE-PARTICIPANTS LIST

NO	Name	DEPARTMENT
1	FABINA P.A	ARABIC
2	FATHIMA O T	ARABIC
3	FATHIMA SAFA.M	ARABIC
4	FATHIMATHUL RUFTHA V K	ARABIC
5	SHAKIRA SEMAN	ARABIC
6	AFSEENA K	ECONOMICS
7	FATHIMATH SALIHA.O.C	ECONOMICS
8	НАВЕЕВА К М	ECONOMICS
9	FATHIMA E K	ECONOMICS
10	FATHIMA.V.P	ECONOMICS
11	S R SREELAKSHMI	ECONOMICS
12	THASNEEMA. K	ECONOMICS
13	MUHAMMAD NIYAS.M	ECONOMICS
14	ANSEERA.P.	ECONOMICS
15	ASNA MARIYAM K.P.	ECONOMICS
16	FATHIMA SHERIN	ECONOMICS
17	FATHIMATHUL SHIFA K	ECONOMICS
18	FATHIMATHU SUHARA.M	ECONOMICS
19	JASMINE.N.M	ECONOMICS
20	NAJANASRIN.T.P	ECONOMICS
21	RAHIMA T K	ECONOMICS
22	SALMA.T.P	ECONOMICS

RAMSEENA AZEEZ
Assistant Professor
Post Craduate Department of Commerce
Sir Syed College. Taliparamba-670142

P G DEPARTMENT OF COMMERCE

ADD ON COURSE-TALLY-ATTENDANCE SHEET

NO	Name	15/1/21	23/1/21	6/2/21	20/2/21	6/3/21	12/3/21
1	FABINA P A	1		1	10/2/22	1	1
2	FATHIMA O T	1	X	1	1	1	-
3	FATHIMA SAFA.M		-	V	-		
4	FATHIMATHUL RUFTHA V K	1	1	1	1	1	
5	SHAKIRA SEMAN		1				
6	AFSEENA K	X		1/	1	1	-
7	FATHIMATH SALIHA.O.C	1		./		1	
8	НАВЕЕВА К М	1		V	-		
9	FATHIMA E K			1			
10	FATHIMA.V.P	1		-	/		
11	S R SREELAKSHMI			1			V
12	THASNEEMA. K			V	V	1	1
13	MUHAMMAD NIYAS.M	/	V		1	/	
14	ANSEERA.P.		./	1			
15	ASNA MARIYAM K.P.		V	V		/	
16	FATHIMA SHERIN	Y	1/	V			-
17	FATHIMATHUL SHIFA K			1	/		1 -
18	FATHIMATHU SUHARA.M		X		1		
19	JASMINE.N.M	/		V	/	1	1
20	NAJANASRIN.T.P			X	V	/	
21	RAHIMA T K		V	V	1	1	
22	SALMA.T.P			1	V	1/	

RAMSEENA AZEEZ

Assistant Professor
Post Graduate Department of Commerce
Sir Syed College, Taliparambo-670142

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SIR SYED COLLEGE TALIPARAMBA DEPARTMENT OF COMMERCE



ADD-ON COURSE CERTIFICATE

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Entrepreneurship Development Centre (IEDC) & ED club, Sir Syed College, Tallparamba organised by Department of Commerce, in Vassociatish with Innovation has completed Computalised Accounting - Colly 10 08-03-2021 from 15:01:2021

Head of the Decartment



Try Syand College

Principal

Report on the Add-On Course: Computerized Accounting (Tally)

Course Title: Computerized Accounting (Tally) **Duration:** January 15, 2021, to March 31, 2021

Total Hours: 30 hours

Organizing Department: Department of Commerce, Sir Syed College, Taliparamba

No of Students Participated: 22

Course Overview

The Department of Commerce successfully conducted an add-on course on Computerized Accounting using Tally from January 15, 2021, to March 31, 2021. This program aimed to equip students with essential skills in modern accounting practices, focusing on Tally software, which is widely used in the industry.

Faculty Involved

The course was delivered by a team of dedicated faculty members:

- Shanavas S.M. (Department of Commerce, Sir Syed College)
- Ramseena Azeez (Department of Commerce, Sir Syed College)
- Shameel (Department of Commerce, Sir Syed College)

In addition, we had the privilege of inviting an external resource person:

 Anaga Govindan (Assistant Professor, Department of Commerce, SES College, Sreekandapuram)

Course Structure

The program consisted of 30 hours of instruction, covering the following key topics:

- 1. Introduction to Tally and its features
- 2. Setting up accounts and ledgers
- 3. Preparing financial statements

Outcomes

The course was well-received by students, with active participation and engagement throughout the sessions. Feedback indicated an improvement in students' confidence and competence in using Tally for practical accounting tasks. The collaborative efforts of our faculty and the external resource person contributed significantly to the success of the program.

RAMSEENA AZEEZ

Assistant Professor

Post Craduate Department of Commerce
Sir Syed College Taliparamba-670142

4) Remote sensing and GIS in natural resource management (2019-20)

Add-on 2019-20



SIR SYED COLLEGE, TALIPARAMBA

(Affiliated to Kannur University) Re-accredited by NAAC with A Grade Kannur, Kerala, India-PIN 670142

REMOTE SENSING AND GIS IN NATURAL RESOURCE MANAGEMENT



DEPARTMENT OF FORESTRY

2019-20

Course Co-Ordinator:

Mrs. Sneha C.

Assistant Professor

Department of Forestry

Board of Studies Members

Chairperson	Members
Mrs. Sneha C.	1. Mr. Malik Fasil M
Assistant Professor	Assistant Professor
Department of Forestry	Department of Wildlife Sciences
Sir Syed College	College of Forestry
Taliparamba	Kerala Agricultural University
	2. Mr. Aneesh K.S
	Assistant Professor
	Department of Forestry
	Sir Syed College
	Taliparamba

Vision

To develop skilled Human resources for the conservation and monitoring of natural resources

Mission

- To develop employable skills among the students in the field of forestry
- To bring out qualified forestry professionals for the sustainable management of forest resources
- To promote best practices in natural resource monitoring
- To disseminate the knowledge on various GIS and Remote sensing tools and their importance in the field of nature conservation

Programme specific outcome

- To build research interests in the field of Remote Sensing and GIS
- · To develop mapping skills among students
- To develop the skills for selecting and acquiring both primary and secondary spatial data for use in GIS
- To manage, and analyze digital data in raster and vector formats

Methodology for Teaching, Learning and Evaluation

Teaching andLearning

Lectures (Hybrid mode), Presentations, Assignmentsand Field visits.

Evaluation Process

The evaluation scheme for the course shall contain two parts

- a. Internal assessment (Based on Internal test, assignment and Viva) 20% Weight
- b. External evaluation (Based on Theory and Practical exam)

-80% Weight

Each student should go through the evaluation process which is carried out in two sessions

- a. Theory 50% Weightage
- b. Practical 50% Weightage





The distribution of marks is given below

The	Theory Practical		4	
Internal Test	External test	Assignment	Viva Voce	External
10	40	5	5	40

Component	Internal evaluation	External evaluation
Theory	10	40
Practical	10	40

Pass conditions: The student should get a minimum of 15 marks (5 for internal and 10 for external evaluation) in both the theory as well as practical components.

	Marks per course	Pass Mark
Theory	50	15
Practical	50	15
Total	100	30

Course Outcomes

- 1. Understanding the basics of Remote sensing and GIS
- 2. Knowledge of various spatial analysis software
- 3. Acquaintance with GPS, its working principle
- 4. Developing proficiency in basic map making using QGIS

Module I: Introduction to Remote Sensingand GIS

(8 Hrs)

Remote Sensing and Digital Image Analysis: Basic Principles of Remote Sensing, Spectral Signature of different land cover features, Image interpretation, Types of Remote Sensing, Resolution- types of resolution, Earth Observation Sensors, Digital Image Processing: Basic Concepts of Rectification and Registration, Enhancement, Classification and accuracy assessment techniques.

Module II: Geographical Information System

(8 Hrs)

GIS- Introduction to GIS- principles and concepts of GIS- Differences between GIS and conventional cartography, Maps-its projection-Toposheet and Map reading, Spatial data -Raster and Vector data-Thematic over lays in GIS, DEM, Databases, topology, spatial analysis and open source software,

Module III: Global Positioning System

6 Hrs

Global Navigation Satellite System: Introduction to GPS and GNSS, receivers, processing methods, errors and accuracy.

Module IV: Practicals and Field work

(8 Hrs)

GPS and data interpretation-Data processing and georefercing using Arc GIS / Q GISdata models- Vector and Rastor Data analysis- Digital Image Processing

References

Bhatt, A.B. 1994. Aerial photography and remote sensing. Oxford University press Campell. J. B. 1987. Introduction to Remote Sensing. Gilford press, New York.

Clarke C.K. 2001. Getting started with Geographic Information systems. Prentice hall, London

Jitendra kumar et al. 2016. Remote sensing and Geographical information system (GIS) and its application in various fields in: Proceedings of National Conference on Energy and Environment: Threats and Remedies held at RJIT Tekanpur, Gwalior.

Lilles and and Kieffer 1994. Remote sensing and image interpretation. 3rd Edition, pp.750.

Patel, A.N. and Singh, S. 1999. Principles of remote sensing. Oxford University press

Reddy A. 2001 Remote Sensing and Geographical Information Systems, BS Publications



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Add-on Courses in Forestry- Model Question Paper

Remote Sensing and GIS in Natural Resource Management

Time:90 minutes

Maximum Marks: 40

Part A- Fill in the blanks

 $(5 \times 1=5)$

- 1. ----- is an open GIS software.
- 2. ----- is a satellite-based radio navigation system.
- 3. ----- is the science of graphically representing a geological area.
- 4. NavIC is an earth observation sensor launched by India. (Say True or False)
- 5. Expand GPS

Part B- Short Answer Questions (Answer Any Five) (5 x 2=10)

- 6. What is geo-referencing?
- 7. What is BHUVAN?
- 8. Define remote sensing?
- 9. Expand IRNSS?
- 10. What is a shapefile?
- 11. What is spatial resolution?
- 12. What are the tools used for digital image processing?

Part C- Short Essay Questions (Answer Any Three) (3 x 5=15)

- 13. Write down the difference between vector and raster?
- 14. What are DEM and TIN?
- 15. Name three earth observation sensors?
- 16. Difference between GIS and conventional cartography?
- 17. Name the two coordinate systems used in GIS?

Part D- Essay questions (Answer Any One)

 $(1 \times 10 = 10)$

- 18. Explain the working principle of GPS?
- 19. Application of GIS and RS in forestry?
- 20. Explain the basic principles of remote sensing?



Add-on Courses in Forestry- Model Question Paper

Remote Sensing and GIS in Natural Resource Management

Time :60 minutes Maximum Marks: 40

1.	Geo-reference the given image	as You
2.	Prenare a chancilla of	$(2 \times 8 = 16)$
2	Prepare a shapefile of an area and convert to KML	$(2 \times 4 = 8)$
٥.	Prepare Aspect, slope and TIN from a DEM image	$(1 \times 6 = 6)$
4.	Vector analysis/ Raster analysis of a data	(1 x10=10)



SNETTA C.

Assistant Professor

Dept. of Forestry

Dept. of Forestry

Sir Syed College

Sir Syed Kannur 670142

Add-on Courses in Forestry-Answer key

REMOTE SENSING AND GIS IN NATURAL RESOURCE MANAGEMENT

Time: 60 minutes

Maximum Marks: 40

Part A- Fill in the blanks

 $(6 \times 1=6)$

- 1. QGIS
- 2. GPS
- 3. FCC (False Color Composite)
- 4. False
- 5. Global Positioning System
- 6. Bhaskara I

Part B- Short Answer Questions

 $(6 \times 2 = 12)$

- 7. It is the internal coordinate system of digital map or can be related to ground system of geographic coordinates
- 8. It integrates five key components: Hard ware, software, data, people, and methods
- 9. Remote sensing is a process of detecting and monitoring the physical characteristics of an area by measuring its reflected and emitted radiation at a distance
- 10. Indian Regional Navigation Satellite System
- 11. Shapefile is an Esri vector data storage format for storing the location, shape, and attributes of geographic features. It is a vector data file format used for geospatial analysis
- 12. The size of the smallest object that can be detected by a satellite sensor or displayed in a satellite image is called as spatial resolution

Part C- Short Essay Questions (Answer Any Four)

 $(4 \times 3 = 12)$

- 13. Raster and vector the two major types of GIS file formats. Raster formats are grids of cells or pixels. Raster formats are useful for storing GIS data that vary, such as elevation or satellite imagery Vector formats are polygons that use points (called nodes) and lines. Vector formats are useful for storing GIS data with firm borders, such as school districts or streets
- 14. DEM (digital evaluation model) is a 3 dimensional representation of topographic structure of earth excluding features like trees, buildings etc. Important inputs for topography for the accurate modelling of floodplain hydrodynamics. Eg: slope, elevations TIN represents the terrain surface as a set of interconnected triangular facets. TIN structure is a vector-based alternative to the traditional raster representation of terrain surface Digital Elevation Model (DEM).
- 15. Thermatic mapper . LISS III . Cartosat-3



SNEHA.

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- 16. The key issue between cartography and GIS is that cartography is concerned with representation while GIS is concerned with analysis of spatial relationships. GIS is a product of the development of computer-assisted cartography, which generated georeferenced spatial digital databases
- 17. Landsat series, SPOT series and IRS Series

Part D- Essay questions (Answer Any One)

 $(2 \times 5 = 10)$

- 18. A global positioning system used for the purpose of navigation and detection of objects and places typically works on the basic principle of exchange of radio waves between the ground stations, satellites, and the receivers. This transmission and reception of data prefer a trilateration mechanism of operation. A complete GPS requires at least 24 satellites
- 19. 1. Modernizing forest mapping and data collection 2. Supervising of afforestation plans 3. Monitoring of plantation schemes 4. Corridor mapping for animal migration 5. Habitat mapping 6. Leverage maps, imagery, and remote sensing data of important forestry variables, such as soils, canopy, and habitat, to improve active forest management. 7. in various types of studies by researchers 8. election of sites for plantation, monitoring of encroachment at Division level, regulation of burning and jhum, expansion of infrastructure and communication network, forest village management, personnel management, corridor planning for animal migration, survey and demarcation to suggest a few
- 20. Remote sensing uses several parts of the electromagnetic spectrum. It records the electromagnetic energy reflected or emitted by the earth's surface by living and non-living things. The amount of radiation from an object is influenced by both the properties of the object and the radiation hitting the object Radiation comes from the source and hit on objects and gets reflected and these reflected radiations are captured by a satellite sensor and the data is sent to A receiver on earth the raw data is then interpreted, analysed and converted into usable information. There are many types of remote sensing platforms such as airborne, space Bourne, group based UAV, TOWERS etc according to the height at which they sense everything. There are different types of sensors too according to their capacity of resolution.



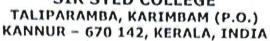
SNEHA.

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Model Miswer Sheet



DEPARTMENT OF FORESTRY SIR SYED COLLEGE





ADD-ON COURSE IN FORESTRY Final examination 2019-20

	Course Code: Management SEC AC 2
	Register Number: SSCAC-2
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	1. 8415
/	2. aps
5	3. see
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/	5. Global positioning system
	6. Bhaskara 1
	Paat - B
2	7. The central condinate system of digital mapor ground system of geographic condination.
	8. The major components of all are Hardware,
V	Software, clutar people de methods.
	q it is a process of detating and monitoring
^	the physical characterisation of a geographical
1	area by measuring the reflected invitted
,	radiation et a distance
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	SR STUPARM Dept. of College 70142

10. IRNSS - Indian sailway navigation salelite System.

11. Shapefile in a vector data storage format for storing shape as attribution of geographic leators.

(112. Sparal resolution is the smallest detecthet can be detected by a solutive Sergor.

Port - C

13. Renter

There formats are grinds of cells or placed sentor formats are useful in string deta. Such as Setelite imageries.

Vector
These formats are polygon that are points and lines. useful instering data with form burden.

15. Bensors error.

Thematic, mapper, Liss III, cartosat-3

16. cartography is the representation of geographical features on maps. as in Spatial analysis of geographic features affinition total computer. bared date bares.

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17. Landsat Series, spot series, IRS Series, Mare the indian saledites. Part - D 16. hps or global positioning system used for the purpose of navigation de detection of objects and plants found on the enth surface. They works on the busic principle of exchange of radio waves blu the ground station. Saterile de viliever. Gpt is a group of System, including 29 Satelite Systems - including 24 Sefelite Systems circling around the earth covering all the earthburface to get accurate, data from the expected geographical area, minimum of Seven Suferites Should come into a loop. To rudar waver received in the Sakelite from the ground station will be reflected to the reciever and. That in our mobile or Cips System (h. Gramin) Transmission and reception of data proper a traitelaration incehanism of operation.

Application of als and is in forestry are listed below. 1. modernization format mapping a data collection. Supervising apporestation plan. monitoring plantation activation 4. habitet mapping of wildlife animals 5. coroidor mapping for animal migration 6. produce of larerage maps of foresting Such as, Soil, conopy, ecosystem to improve management 7. for forestry management 8. Scheefion of Switche plantation or musing Sital 9. regulation of ghum and buring by mobile ring of activities.
10. forest village management forat survey a dangovertution 12. forest fire risk zone mapping 13. predicting mitable waterhouse Green. for check dam constitutions SIR SYED COLLEGE TALIPARANIZA

Add On Course - Remote Senting of CUIS is Natural Resource may Remarks Total Absence to bro soil is Assw orth 21 3/20 (Expul) XXXXXXXXXX XXXXX XXXXXXXXXXX XXXXXXXXXX XXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXX XXXXXX XXXXXXXXXXX XXXXXXXXXXXX XXXXAAAAXXXXX XXXXXXXXXXX Egello College Ξž recessor s = ± - ± > ± XXXXXXX XXXXXXXXXX TALIPARAMBA XXDAGAA XXX 2 } E≱ = ž - ž a a a a a XXXXX XXXX a a a > } REGISTER XXXX XXX × aaa ≥ ≥ ≡ ≥ XXX aaa XXX 29/2/20 × XX × = 2 d 8 × × × × × × × XXX ×× ×× XX XAA ×××× XXXXXXXXXX ××× GARX X X X X XXXX X X X X X X X X xaaaaa XXAAA SIR SYED COLLEGE STUDENT'S ATTENDANCE 2 = × × 22 2 20 Ξž × - È XXXX 8 XXXXX XXXX X X X X X XXXX XXXXX XXXXX > 2 ××× XXXXX ××× Moderation of the previous of XXX XXXX XXXX XXXX × × × × × XXX ×× × × Rivil P Balachandran Balamutali Phameen Shahasad Change Gangan KC Fathimathul Haing K Muhammed Shapid Saullakith Bri MR Akrulya Somas Henshina A Aray Aisinama VV February 7 M Mubashir K P Abbrigith M.T. Johniac P P Shamila (11 V Farhana Nalat Shamila Ca V Salmath KP Aswanth VP Aimal MM Vishal P. Pai Tom Menge Maleed 6 6 Banch N: Khi A :: h Haris 2 6 10 17 13 16 177 11 22 27 36 23

Add-on Courses in Forestry

2019-20

REMOTE SENSING AND GIS IN NATURAL RESOURCE MANAGEMENT

LIST OF QUALIFIED STUDENTS

SL.NO	NAME
1	MOHAMMED SHANID
2	AISWARYA V V
3	ASWATHI BALAMURALI
4	ATHULYA SOMAN
5	FAHEEMA T M
6	GANGA GANGAN K C
7	SREELAKSHMI M.R
8	BINIL P BALACHANDRAN
9	HARIS A S
10	NIKHIL C K
11	BIJITH P
12	SHAMEEM SHAHASAD
13	JASMINE P P
14	MUBASHIR K P
15	HARISHNA A AJAY
16	SHAMILA G V
17	FATHIMATHUL HASNA .K
18	SALMATH K P
19	MEGHA.T
20	АВНШТН М Ј
21	FIDHA ASHRAF
22	FARHANA NASAR
23	SHAMILA G V
24	ASWANTH V P
25	AJMAL M M
26	TOM GEORGE
27	VALEED E P
28	VISHAL P PAI

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Registration Details

Add-on Courses in Forestry 2019-20

REMOTE SENSING AND GIS IN NATURAL RESOURCE MANAGEMENT

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1	MOHAMMED SHANID	Department of Forestry, Sir Syed College
2	AISWARYA V V	Department of Forestry, Sir Syed College
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7	SREELAKSHMI M.R	Department of Forestry, Sir Syed College
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10	NIKHIL C K	Department of Forestry, Sir Syed College
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12	SHAMEEM SHAHASAD	Department of Forestry, Sir Syed College
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14	MUBASHIR K P	Department of Forestry, Sir Syed College
15	HARISHNA A AJAY	Department of Forestry, Sir Syed College
16	SHAMILA G V	Department of Forestry, Sir Syed College
17	FATHIMATHUL HASNA .K	Department of Forestry, Sir Syed College
18	SALMATH K P	Department of Forestry, Sir Syed College
19	MEGHA.T	Department of Forestry, Sir Syed College
20	АВНІЛІТН М Ј	Department of Forestry, Sir Syed College
21	FIDHA ASHRAF	Department of Forestry, Sir Syed College
22	FARHANA NASAR	Department of Forestry, Sir Syed College
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24	ASWANTH V P	Department of Forestry, Sir Syed College
25	AJMAL M M	Department of Forestry, Sir Syed College
26	TOM GEORGE	Department of Forestry, Sir Syed College
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CERTIFACATE MODEL

CERTIFICATE OF ACHIEVEMENT

This certificate is proudly presented to:

for successfully completing the Add-on Course in Forestry '
Remote Sensing and GIS in Natural Resource Management'
during the academic year 2019-20

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Jourse Coordinato

Dr. P.T. Abdul Azeez Principal, Sr Syed College