KANNUR UNIVERSITY

(Abstract)

Kannur University Teaching Departments and Centres - Conduct of Value Added Courses 2023-'24 - Permission granted -Syllabi & Guidelines-Approved - Orders Issued.

ACADEMIC H SECTION

ACAD H/ACAD H3/14984/2023 Dated: 09.02.2024

Read:-1.Circular No. ACAD H/ACAD H3/14984/2023 dated:20.09.2023

2.Circular(reminder) No. ACAD H/ACAD H3/14984/2023 dated:20.10.2023

3.Emails/Letters received from Heads of Teaching Depts /Centres forwarding the Syllabus of respective Value Added Courses

4.U.O No .ACAD H/ACAD H3/14984/2023 08.01.2024

5.Minutes of the meeting of the Committee constituted to scrutinise and finalise the proposals of Skill Development/Value Added/Add On Courses received from various Departments and also to allot the fund for Courses, held on 23/01/2024.

6. Orders of Vice chancellor in the file of even no. dated 08-02-2024

ORDER

1.Vide paper read (1) and (2) above proposals were invited from various Teaching Departments/Centres of the University towards the conduct of Value Added Courses 2023-'24.

2. As per paper read (3) above, HoDs/CDs/ADs of various Teaching Departments/Centres of the University submitted their proposals towards the conduct of Value Added Courses for 2023-'24.

3.The committee constituted vide paper read(4) above scrutinized the proposals and vide paper read (5) above finalized the proposals of 24 Teaching Departments/Centres as follows :

SI No	Dept./Centre	Campus	Course Name	Course Code
1.	ITEC	Palayad	Software Development tools I #.NET.nodejs I	ITE23VA01
2.	Dept. of Hindi	Dr.P.K Rajan Memorial Campus, Nileswaram	Certificate course in functional Hindi and translation (Hybrid mode)	HIN23VA01
3.	Dept. of Molecular Biology	Dr. Janaki Ammal Campus , Palayad	Advanced Forensic DNA analysis and profiling.	MOB23VA01
4	Dept. of Music	SAT Campus, Payyannur	Lullaby- a magical musical form .	MUS23VA01
5.	KUTEC	Mananthavady	Disaster Management and Basic Life Support Skills.	TEM23VA01
6	Dept. of Commerce & Business Studies	Dr.P.K Rajan Memorial Campus,Nileswaram	Financial Literacy and Planning.	CBS23VA01
7.	Dept. of Geography	SAT Campus, Payyannur	Certificate course on Advanced Geospatial Techniques	GEO23VA01
8	Centre for MBA	Dr.P.K Rajan Memorial Campus, Nileswaram	Digital Marketing	MBA23VA01
9.	Centre for Management Studies	Mangattuparamba	Digital Marketting	CMS23VA01

10.	Dept.of Economics	Dr. Janaki Ammal Campus, Palayad	Certificate Course in Data analysis software Ms.Excel, GRETL, and Python.	ECO23VA01
11.	Dept. of Botany	Mananthavady	Biology-Ethics and Philosophy .	BOT23VA01
12.	Dept. of Malayalam	Dr.P.K Rajan Memorial Campus, Nileswaram	Malayalam Data Entry	MAL23VA01
13.	Dept. of Zoology	Mananthawady	Certificate Course on Public Health and Management.	ZOO23VA01
14.	School of Chemical Sciences	SAT Campus, Payyannur	Certificate course in Advanced Techniques for Characterization of materials.	CHE23VA01
15.	School of Pedagogical Sciences	Mangattuparamba	Instructional Design for Technology Enabled Education	SPS23VA01
16.	Dept. of Mathematical Sciences	Mangattuparamba	A Basic course in Latex	MAT23VA01
17.	Dept. of Wood Science & Technology	Mangattuparamba	Testing wood and wood panel products as per Indian standards	WST23VA01
18.	Dept of Law/Centre for Legal Studies	Dr. Janaki Ammal Campus, Palayad/ Manjeswaram	Capacity Building and Personality Development programme for legal professionals.	LAW23VA01
19.	Dept. of Statistical Sciences	Mangattuparamba	Statistical Data Analysis Using SAS	STA23VA01
20.	Dept. of Journalism & Media Studies	Mangattuparamba	Media and Human Rights	JMS23VA01
21.	Dept.of IT	Mangattuparamba	Fundamentals of IoT-Practical Perspective	INT23VA01
22.	KUTEC	Kasaragod	Life Skills and Life Skill Education	TEK23VA01
23.	KUTEC	Dharmasala	Soft Skills Development	TED23VA01
24	Dept. of Management Studies	Dr. Janaki Ammal Campus, Palayad.	Certificate Course in Advanced Excel	MGS23VA01

4. The Vice Chancellor, after considering the matter in detail and in exercise of the powers of the Academic Council conferred under Section 11(1), Chapter lll of Kannur University Act 1996 and all other enabling provisions read together with, accorded sanction to approve and implement the syllabus for various Value Added Course 2023-'24, along with the respective Course Codes, as detailed in para 3 above, and to report the same before the Academic Council.

5. The Vice Chancellor has also accorded sanction for issuing the following guidelines for the conduct of Value Added Courses for 2023-'24.

i) Minimum instructional hours shall be 30.

ii)Maximum financial allocation shall be Rs.30,000/-(Rupees Thirty Thousand only) to each Department/Centre per course for the conduct of VAC.

iii) No advance shall be paid for the conduct of the Value Added Courses. Expenditure in this regard shall be paid directly to the end beneficiary on submission of bills/vouchers.

iv) As the Value added courses are supported by Plan Fund , no fee shall be levied from the students.

v)Heads of the Departments /Centres are authorized to prepare and keep the attendance registers showing 30hrs and the details of faculty who conduct the classes.

vi) **Classes are to be commenced from the earliest date fixed by HoDs/CDs/ADs and to be completed on or before 02-03-2024 . Bills and vouchers , towards the expenditure in this regard are to be submitted to the University by the HoDs/CDs/ADs concerned on or before 07-03-2024. No extension of time will be given in this regard.** .

vii) Classes shall be conducted in offline/hybrid mode.

viii) Examinations on the Value Added Courses shall be conducted by the Head of the Department/ADs/CDs concerned.

ix) Certificate for Value added Courses shall be issued only in Digital Format and with Digital Signature. Responsibility for issuance of certificates of Value Added Course is vested with the HoDs/CDs/ADs with the approval of the Department Council concerned.

x) HoDs/CDs/ADs concerned shall forward the bills and allied documents with a covering letter including the details of classes conducted and Bio-data of the resource person(s) who handled classes, immediately after the completion of the course.

6. Syllabi of Value Added Course 2023-'24 offered in University Teaching Depts./Centres are uploaded on the University Website (www.kannuruniversity.ac.in).

7. Orders are issued accordingly.

Sd/-
Narayanadas K
DEPUTY REGISTRAR (ACAD)
For REGISTRAR

To:
1. HoDs/CDs/ADs concerned.
2. Finance Branch
3. Examination Branch (Through PA to CE)

Copy To:
1. PS to VC/PA to PVC/ PA to R/ PA to FO/PA to CE
2. EP IV Section/ACAD C
3. DR/ AR I & AR II (Academic)/Computer Programmer
4. Director IT Centre (To upload the syllabi on the University web Site)
5. SF/DF/FC

Forwarded / By Order

SECTION OFFICER

KANNUR UNIVERSITY

ITEC, PALAYAD

VALUE ADDED COURSES

Minutes:

Minutes of the meeting of the department council held on 04/10/2023 at 11 AM at ITEC Palayad.

Agenda:
1. Decision about to conduct the value added course
2. Allocation of coordinator for the value added course.
3. Any other matters

Members Present:
1. Meera Varma
2. Rithin M
3. Shivaganga R
4. Muhammed Shafi K
5. Sameen S A P

Decision:
1.Decided to allocate Ms. MEERA VARMA as Coordinator for the value added course.
2. Decided to distribute the topics to externals experts and faculties of ITEC

Name of the Department	ITEC,Palayad
Course Name	SOFTWARE DEVELOPMENT TOOLS [#.NET , nodejs]
Course Code	
Duration	30 h
About the course:	software development tools are the IDE and frameworks which are commonly used in IT Companies to develop software and mobile applications. This course provides an introduction to some of the tools and hands on training also.
Course Objectives:	To provide skill in #.NET , nodejs and frameworks used in IT companies
Course Outcomes:	Basic knowledge in Software development tools Will be able to develop web applications using #.NET and nodejs
Course Content	Module 1:Introduction to software development, Common tools ,Frameworks, Text Editors, Webserver, Node Js. Module 2:Visual Studio .Net, ASP .Net, C# basics, Database connection.

	Lab Develop a desktop application Develop a Web application
Tentative list of resource persons:	1. Mr. Anoop Kumar ,Full stack web developer 2. Meera Varma,ITEC,Palayad 3. Shivaganaga R, ITEC,Palayad 4. Rithin M, ITEC,Palayad 5. Muhammed Shafi K, ITEC,Palayad 6. Sameen SAP, ITEC,Palayad

ASSISTANT DIRECTOR

I.T. Education Centre Palayad Thalassery Kannur University

Assistant Director
Kannur University
IT Education Centre
Palayad, Thalassery

Department of Hindi

Name of the Department	Department of Hindi, Dr. P. K. Rajan Memorial Campus, Nileshwar.
Course Name	**Certificate Course in Functional Hindi and Translation (Hybrid mode)**
About the Course	The course is useful for a thorough understanding of the functional applications of the language and the theoretical and practical phases of translation. This will help the students in understanding the importance of translation in the modern socio-cultural and employment sectors.
Course Objectives	1.Understanding the meaning, concept and importance of Translation and functional Hindi. 2.Understanding various forms of Functional Hindi according to its area of application. 3.Understanding the importance of translation. 4.To learn and develop skills in Terminology and Technology of Translation. 5. To develop awareness of current issues in Translating Interpreting Translation studies and practice. 6. The course is designed to introduce the wide and vast study of translation, English to Hindi and vice-versa. 7.It also helps to get better opportunities of employment In the field of Translation like Hindi translator, Hindi officer, Hindi Pradhyapak, Rajbhasha Adhikari etc.
Course Outcomes	1.Developing skill of writing official letters in Functional Hindi. 2. Exploring, analyzing and enriching the self knowledge. 3.Students will be able to develop an understanding of Hindi translation in both ways theoretically and practically. 4.Students can pursue further higher studies to get better opportunities in the area of Translation and Education.
Course Content	**Module 1** Translation: Meaning-Definition-Nature and Scope-Importance of translation in the present world. **Module 2** Principles of translation- Functions of translation-Different forms of translation-The process of translation and the role of translator – source language text- Target language text-analysis-transfer.

	Module 3 Problems of translation-Problems of literary translation-Problems of scientific and technical translation-Problems of translation in journalism-Problems of commercial and administrative translation- Problems of translating Technical terminology-Administrative Drafting ,Letter writing and technical terminology. **Module 4** Project work – Translation work based on literature (English to Hindi or Hindi to English to be submitted for evaluation at the end of the course.)
Tentative list of Resource Persons	1. Prof.(Dr.) Mohan, Professor&Head(Rtd.),Department of Hindi,Delhi University. 2. Prof.(Dr.) K Vanaja, Professor&Head(Rtd.), Department of Hindi, CUSAT. 3. Prof.(Dr.) Muraleedharan Pillai, Reader&Head(Rtd.),Department of Hindi, Government Brennen College, Thalassery. 4. Prof. (Dr.) V K Subrahmanian,Professor&Head, Department of Hindi, University of Calicut. 5. Dr. B Ashok, Professor&Head, Department of Hindi, University of Kerala 6. Faculties from Hindi Dept. Kannur University

Sd/-

Head, Department of Hindi

KANNUR UNIVERSITY
(RE-ACCREDITED BY NAAC WITH B++ GRADE)
DEPARTMENT OF MOLECULAR BIOLOGY
Dr JANAKI AMMAL CAMPUS
PALAYAD P.O., THALASSERY-670661

VALUE ADDED COURSE 2023-24

"Advanced Forensic DNA analysis and profiling"

Course Code: *to be given by university*

30 Hours **2 Credits**

Course Objectives:

This course provides an in-depth understanding of advanced techniques and methodologies used in forensic DNA analysis and profiling. It covers topics ranging from DNA extraction and quantification to the interpretation of complex DNA profiles. Students will gain practical knowledge through case studies (laboratory exercises, if possible). The student would be able to understand the forensic DNA profiling and its application in criminal and civil investigations.

Course Learning Outcome

Upon completion of this course, students will

- learn the techniques used in DNA Profiling.
- understand the Concept of gene and sequence variation.

Module I (6-8 hours)

Introduction to Forensic DNA analysis: Overview of forensic biology and DNA profiling-historical developments in DNA analysis-legal and ethical aspects of DNA evidence.

DNA extraction and quantification: Methods of DNA extraction from various sample types-quantitative PCR (qPCR) for DNA quantification-quality control measures in DNA extraction.

Module II (6-8 hours)

Short Tandem Repeat (STR) analysis: Introduction to STR markers-capillary electrophoresis for STR analysis-allele calling and interpretation.

Advanced DNA profiling techniques: Mitochondrial DNA analysis-Y chromosomal DNA analysis-SNP genotyping for ancestry determination.

Module III (6-8 hours)

DNA mixture analysis and interpretation: complex DNA mixtures and challenges-statistical methods for mixture interpretation-case studies (practical exercises).

Emerging trends in forensic DNA analysis: Next-generation sequencing (NGS) in forensics-DNA phenotyping and predicting physical traits-ethical considerations in emerging technologies.

DNA database and CODIS (Combined DNA Index system): CODIS and its role in forensic investigations-national and international DNA databases-legal issues and privacy concerns.

Module IV (4-6 hours)

Forensic DNA evidence in court: expert witness testimony-presentation of DNA evidence in court-cross-examination and challenges.

Case studies and practical applications: review of real-life forensic cases-ethical dilemmas in DNA analysis-group discussion and analysis.

References:

1. Brown, T; Gene cloning and DNA analysis: An Introduction, 5th ed. Blackwellpublishing, London, 2006 .
2. Butler, J; Advanced Topics in Forensic DNA Typing: Methodology, 1st Ed., Academic Press, London, 2009.
3. Easteal, S. McLeod, N. & Reed, K; DNA Profiling: Principles, Pitfalls and Potential, Harwood Academic Publishers, New Jersey, 1991.
4. Primorac, D.&Schanfield, M; Forensic DNA Applications: An Interdisciplinary Perspective, CRC Press, New York, 2014.
5. Rudin, N. & Inman, K; An Introduction to Forensic DNA Analysis, Second Ed.,CRC press, New York, 2001.
6. Spencer, C; Genetic testimony: a guide to forensic DNA profiling, Pearson, New Delhi, 2004.

The course will be conducted in a hybrid mode (online/offline). A comprehensive written examination covering the course content will be conducted (offline). Certificates will be issued (in pdf format) after the successful completion of the course. There will be a session on course evaluation and feedback.

Course Instructors

S. No.	Name of the Faculty	Designation and Address
1.	**Dr. Siva Prasad M. S.**	Assistant Professor and Course Coordinator, Department of Forensic Science, University of Calicut, Kerala Police Academy, Thrissur- 680631, Kerala. Contact no.: +919895086515 E- mail: drsivaprasadms@uoc.ac.in
2.	**Mrs. Aswathy Ajayan**	(Former Forensic Professional, Forensic DNA Division, CFSL, Hyderabad) Ph.D. Scholar Department of Forensic Medicine and Toxicology, JSS Medical College, JSS AHER, Mysore- 570015, Contact no.- 8605799790 E-mail: aswathyajayan93@gmail.com
3.	**Ms. Afrin Sona A. S.**	Assistant Professor, Department of Forensic Science, University of Calicut, Kerala Police Academy. Thrissur- 680631, Kerala. Contact no.- 7034338278 E-mail: anusaleem97@gmail.com
4.	**Mr. Mohammed Aquib**	Assistant Professor, M.Sc. Forensic Science, Centre for Integrated Studies, Cochin University of Science and Technology (CUSAT), Kochi, Kerala Mob. No.: 9539219419 E- mail: mohdaquib1998.ma@gmail.com
5.	**Dr. Anupama KP**	Assistant Professor Department of Molecular Biology Kannur University-Dr Janaki Ammal Campus, Palayad, Thalassery Mobile: 8606103464 Email: anupamasivankp@gmail.com
6.	**Dr. Arun Kumar**	Assistant Professor Department of Molecular Biology Kannur University-Dr Janaki Ammal Campus, Palayad, Thalassery Mobile: 9961034148 Email: arunkumar@kannuruniv.ac.in
7.	**Dr. Sreeja Chellappan**	Assistant Professor Department of Molecular Biology Kannur University-Dr Janaki Ammal Campus, Palayad, Thalassery Mobile: 9972226815 Email: sreejasoorej@gmail.com

Budget Estimate: Rs 30,000/- (An honorarium @Rs 1000/hr will be given to the instructors. External experts will deliver online classes and internal experts in hybrid mode. No TA/DA will be provided)

Course Coordinator for VAC 2023-24: Dr. Anupama K P

Sd/-

Head, Department of Molecular Biology

KANNUR UNIVERSITY

DEPARTMENT OF MUSIC

VALUE ADDED COURSES

Name of the Department	**DEPARTMENT OF MUSIC**
Course name	**Lullaby- a magical musical form**
Couse Code	
About the course	A lullaby is a calming musical piece sung to make toddlers sleep. Every mother, even if she is not a skilled musician, comforts her child by singing sweet lullabies and making her or him sleep. This course will provide training in singing lullabies, including both forgotten and popular songs, and familiarise the student with the traditions attached to lullabies.
Course objectives	To popularize traditional and modern lullabies.
Course outcomes	Ability to: 1. Render traditional and modern lullabies. 2. Compose and create new lullabies. 3. give training in singing lullabies
Course content	Module 1 Lullabies in Malayalam Module 2 Lullabies in other languages Module 3 Lullaby traditions (History)
Tentative list of resource persons	**Sreemol M V** **Dr Jathin V V** **Swathykrishna S** **Savitha M** **Sruthi P V** **Anjitha T V**

SYLLABUS – Value added course (MUSIC)

(COURSE CODE)- Lullaby – a magical musical form

30 Hours

No. of CREDITS:

Course objectives:

This course aims at making the Lullaby tradition familiar to the current generation and through that its propagation.

Course Learning Outcomes:

1. Ability to render traditional as well as modern Lullabies.
2. Ability to develop music aptitude
3. Become lullaby trainers.
4. Compose and create new lullabies. .

UNIT-1
Lullabies in Malayalam
1. Omanathingal
2. Enkunjurangikkol

UNIT-2
Lullaby in other languages
1. Manikkam katti
2. Kanne navamaniye
3. Jojo Achuthananda
4. Laliliyani

UNIT-3
History of Lullaby tradition

Reference:

1. HISTORY OF INDIAN MUSIC, Prof. P. SAMBAMOORTHY, B.A.,B.L.., MUSICOLOGIST,THE INDIAN PUBLISHING HOUSE, New 23A,Sripuram First Street, Royapettah,Chennai-600 014. [2005]
2. DAKSHINENDIAN SANGEETHAM [Malayalam] , Part –I & Part –II, By A . K . Ravindranath, Published by The State Institute of Languages, Kerala, Thiruvananthapuram – 3 [2009]

3. MUSIC THROUGH THE AGES, Premlatha V., Sundeep Prakashan, Delhi[1985]
4. HISTORY OF SOUTH INDIAN MUSIC, Rangaramanuja Ayyangar, Self Published, Madras[1972]
5. AN ANTHOLOGY ON ASPECTS OF INDIAN CULTURE, Dr. V. Raghavan, Dr. V. Raghavan Centre for Performing Arts, 2002
6. SANGEETA NIGHANDU, V T Sunil, DC Books, 2012
7. HINDU SPEAKS ON MUSIC, Kasturi & Sons Ltd
8. Irayimman Thambi- Malayalam Literary Heroes, (Malayalam), Exotica India Art.

KUTEC, MANANTHAVADY

Disaster Management and Basic Life Support skills

A Proposal submitted to Kannur University

For conducting Value Added course at Kannur university Teacher Education Centre, Mananthavady.

Submitted By

DR. ANIL M P

COURSE DIRECTOR

Kannur University Teacher Education Centre, Mananthavady

INTRODUCTION

In a world marked by increasing vulnerabilities to natural and man-made disasters, the need for effective disaster management strategies has never been greater. This course is designed to provide you with a comprehensive understanding of the theories, principles and practices that underpin disaster management. Disaster can strike at any time and in any place, often with devastating consequences. From earthquakes and hurricanes to pandemics and industrial accidents, the impact of these events can be far-reaching, affecting communities, economies, and ecosystems. It's crucial to have a structured approach to mitigate, respond to, and recover from such incidents.

The need for disaster management is an undeniable reality in our world today and especially in Wayanad District. From natural calamities to unforeseen emergencies, disasters can strike at any time and without warning. In these moments, it is our preparedness, unity, and collective efforts that make all the difference. Cardio pulmonary Resuscitation (CPR) and Basic Life Support (BLS) are essential life saving skills that can make the difference between life and Death in emergencies involving cardiac arrest or severe respiratory distress. Cardiac arrests can happen to anyone, anywhere, and at any time. Same time having individuals in our society who are trained in BLS and CPR can play an important role in between life and death. Knowledge in these areas empowers individuals to take swift and effective action when needed. Having the confidence to provide aid in an emergency can make the difference in the outcome.

A society that values Disaster management knowledge and BLS skills demonstrates a commitment to the welfare of its citizens. It shows responsibility toward its members by ensuring that they are prepared for unforeseen events and equipped to help one another in times of need.

OBJECTIVE OF THE COURSE

- **Knowledge Acquisition:** The primary objective of offering disaster management and BLS courses as a value added course in the department is to provide students with a comprehensive understanding of the theories, principles, and practices related to disaster management and life saving techniques. Students will acquire the knowledge required to respond effectively to emergencies.

- **Emergency preparedness:** To educate students about the importance of being prepared for various types of disaster, both natural and human made. This includes understanding risk assessment, emergency planning and the development of disaster response strategies.

- **Life saving skills:** To equip students with essential BLS skills, such as CPR, and basic first aid. These skills are critical for immediate response to cardiac arrest, choking, or other life-threatening situations.

- **Immediate response:** college students are often in environments where emergencies can occur, such as on campus or at social gatherings. Teaching CPR and BLS ensures that they can provide immediate assistance until professional help arrives, potentially increasing the chances of survival.

- **Community Engagement:** Encouraging college students to learn CPR and BLS fosters a sense of community engagement. They are more likely to volunteer as first responders or participate in community health initiatives.

SIGNIFICANCE OF THE COURSE

- **Life saving skill:** both disaster management and basic life support skill course will equip students with essential life saving skills.
- **Preparedness:** Disaster management courses help students understand the importance of preparedness and planning for emergencies.
- **Public Health:** BLS courses specifically focus on immediate medical response, including CPR. By teaching these skills in colleges, more individuals are prepared to respond to medical emergencies, potentially increasing survival rates and improving public health outcomes.

- **Empowerment:** learning disaster management and BLS empowers students with the ability to take action during emergencies. It instills confidence and a sense of responsibility to assist others in times of crisis.

TRANSACTIONAL STRATEGIES

- LECTURE
- DISCUSSION
- SEMINAR
- DEMONSTRATION
- PRACTICALS &
- OBSERVATION

SUGGESTED TASKS

- RECORD
- DEBATE AND REPORTS
- INDIVIDUAL AND GROUP ASSIGNMENTS
- AWARENESS CAMPAIGN TO THE SOCIETY.

SYLLABUS

Hours of instruction: 30 Hours

MODULE 1 - 15 hours
Introduction to Disaster Management • Definition of Disasters • Types of disasters,(Natural, man-made, Biological) • Historical perspective of disasters • Real world examples • Analysis of specific disasters (earthquakes, hurricanes, pandemics) • Learning from past experiences • The role of disaster management and its need in the society. • Emergency preparedness and things to keep in mind. • Awareness and action.

MODULE 2 - 15 hours

- **First aid and Emergency care (BLS)**
  - Meaning, importance, aims and principles of first aid.
  - Health and safety in daily life.
  - Types injuries and management
  - Basic anatomy and physiology (skeleton system, cardio pulmonary system)
  - CPR in kids, CPR in adults
  - Handling accident scenes, electric shock, chocking, fire.

FACULTY: RAHUL RAVEENDRAN – Asst. Prof. Physical Education.

EXPECTED EXPENSE

Remuneration	**26000/-**
Other expenses	**4000/-**
Total	**30000/-**

KANNUR UNIVERSITY

DEPARTMENT OF COMMERCE & BUSINESS STUDIES

DR P K RAJAN MEMORIAL CAMPUS, NILESHWAR

VALUE ADDED COURSE: FINANCIAL LITERACY AND PLANNING

Credit 5 **30 Hours**

Course Objective:

The course aims to offer an integrated approach to understand the concepts and applications of financial planning.

Course Outcomes:

1. Describe the importance of financial literacy and planning
2. To learn and prepare financial plan
3. To prepare budgets and manage personal finances
4. 4. To understand how to open, avail, and manage/operate services offered by bank
5. To have an understanding of recent trends in banking

Module I

Financial Literacy – Introduction, Meaning, importance and scope - Prerequisites of Financial Literacy – level of education, numerical and communication ability - Various financial institutions – Banks, Insurance companies, Post Offices - Mobile App based services - Need of availing of financial services from banks, insurance companies and postal services.

Module II

Financial Planning - Meaning, importance and need - Personal Budget, Family Budget, Business Budget and National Budget - Procedure for financial planning and preparing budget - Budget surplus and Budget deficit.

Module III

Banking Services - Types of banks - Various services offered by banks - Types of bank deposit accounts – Savings Bank Account, Term Deposit, Current Account, Recurring Deposit, PPF, NSC etc. - Formalities to open various types of bank accounts, PAN Card, Address proof, KYC norm.

Module IV

Recent Trends in Banking - Cashless banking, RTGS, NEFT, IMPS e-banking, ATM, Debit and Credit Card, APP based Payment system.

Reference Books:

1. Kothari, R. (2010). Financial Services in India-Concept and Application. New Delhi: Sage Publications India Pvt. Ltd.

2. Milling, B. E. (2003). The Basics of Finance: Financial Tools for Non-Financial Managers. Indiana: Universe Company.

3. Mittra, S., Rai, S. K., Sahu, A. P., &Starn, H. J. (2015). Financial Planning. New Delhi: Sage Publications India Pvt. Ltd

7

DEPARTMENT OF GEOGRAPHY

Kannur University

VALUED ADDED PROGRAMME 2023

Certificate Course on

Advanced Geospatial Techniques

Hybrid mode

(30 sessions)

Budget 30,000/-

DEPARTMENT OF GEOGRAPHY

VALUED ADDED PROGRAMME 2023

Certificate Course on Advanced Geospatial Techniques

Add on course is intended to providing orientation for Post Graduate Students to conduct academic level research using advanced techniques such as Geospatial technology, Programming, Statistical Tools and Models, Surveying Methods of research documentation and publications. This is a Hybrid course with facilities to provide practical classes in offline and online mode with interactive sessions whenever necessary.

COURSE OBJECTIVES

1. Hands on training in Statistical tools and models with special reference to SPSS and R Software

2. Utilize GIS, Remote Sensing and GPS tools to identify and map growth trends, patterns and problems within the planning sector in any spatial context.

3. Perform various Total Station survey workflows and modeling to aid decision making in spatial planning and management context.

4. Learn and promote Open Source GIS both as platform for creating spatial databases, analysis, modeling tool; and for disseminating information to internal & external stakeholders.

5. Introduction to basics of Python programming language for Geospatial Modeling

SYLLABUS

Session 1 Geo statistics and research

Statistical techniques for Geo- research - Advanced Statistical Techniques using SPSS & R Software - Application of Statistical Tools- Modeling in climatological and Hydrological Research - Factor Analysis – Recent Trends in Geographic Research – Geo-statistics in research.

Session 2 Geo-informatics for spatial analysis

Geospatial Applications and Scope of GIS Software - Integration of GPS data into GIS - Utilizing open data source for downloading the vector and raster data - Importing data to QGIS - – Introduction to cloud GIS and its applications – Exploring geoprocessing tools and its potentiality

Session 3 Digital Surveying

Scope of Digital surveying- Introduction to Total station survey - Field survey and survey techniques - Importing total station data to QGIS - Thematic map preparation for Total station survey - DGPS survey.

Session 4 Geo-informatics for Spatial planning

Image Processing – Image analysis- Landslide zone mapping - Urban mapping and spatial expansion - Flood zone mapping - Transportation network analysis- Disaster vulnerability analysis- RUSLE-Introduction to Python Language - Python for Geospatial Science - Customization and Post GIS- Research documentation and publication.

COURSE OUTCOME

On completion of this course, the participants are expected to:

- *Obtain solid skills and experience is application of SPSS, R, QGIS and Total Surveying.*
- *Acquire knowledge and skills needed for the collection, interpretation, and management of spatial information, using remote sensing and geographic information systems to support various geographical research works.*
- *Get acquainted with relevant GIS and other geo-techniques to provide project specific solutions in the field of geographical research work.*

Tentative sessions

Session 1 – Recent trends in geo-research
Session 2 – Changing concerns and Methodology
Session 3 – Post colonial geographies and research
Session 4 - Quantitative revolution and research
Session 5 – Sources of Data
Session 6 – Geo- statistics and research
Session 7 –Secondary Data based Geographic Research
Session 8 – Data management and analysis
Session 9 – Advanced Statistical Techniques
Session 10 – Advanced Statistical Techniques
Session 11 – Advanced Statistical Techniques
Session 12 – Statistical Modeling
Session 13 – Advances in Geo-spatial technology
Session 14 – Advances in Geo-spatial technology
Session 15 – Advances in Geo-spatial technology
Session 16 – Advances in Geo-spatial technology
Session 17 – Advances in Geo-spatial technology
Session 18 – Advances in Digital surveying
Session 19 – Field survey and survey techniques
Session 20 – Importing total station data to QGIS
Session 21 – Thematic map preparation for Total station survey
Session 22 –Database Management System
Session 23 – Applied Geo-informatics
Session 24 - Landslide zone mapping
Session 25 – Urban mapping and spatial expansion
Session 26 – Flood zone mapping using QGIS
Session 27 – Transportation network analysis using QGIS
Session 28- Introduction to Python Language
Session 29 – Python for Geospatial Science
Session 30 – Customization and PostGIS

KANNUR UNIVERSITY

CENTRE FOR MBA

DR P K RAJAN MEMORIAL CAMPUS NILESHWAR

VALUE ADDED COURSE : DIGITAL MARKETING (30 HOURS)

Course Content

Unit I

Digital marketing – significance – Benefits - Digital Marketing platforms and Strategies - Traditional marketing Vs Digital Marketing - Marketing Goals - Latest Digital marketing trends – Video Marketing - Importance of Video Marketing - Creating a Video Campaign

Unit II

Facebook Advertising - Advanced Audience Targeting Bidding Strategies - Ad Formats - Conversion Tracking - Twitter Marketing - Benefits of Twitter - How brands use Twitter - Hash tags and its uses - Twitter Contests

Unit III

YouTube marketing - Statistics of Video Marketing - Creating video marketing strategy - YouTube Studio - YouTube Analytics - Instagram marketing - How Brands use Instagram - Instagram statistics - Tour of Instagram App - Content strategy and Tips

Unit IV

Pinterest marketing - How brands use Pinterest - Customizing the Profile - Pinterest Strategy Boards in Pinterest Pins and Links - Search engine optimization - Components of Search Engines - Google Algorithms

9

KANNUR UNIVERSITY

NAAC accredited with B++ Grade
CENTRE FOR MANAGEMENT STUDIES,
KANNUR UNIVERSITY CAMPUS P.O., MANGATTUPARAMBA
KANNUR, KERALA: 670 567

M. Shyja Karunakaran
Assistant Director

Email: adcms@kannuruniv.ac.in
Mobile: 9400619109

Date: 10.10.2023

Proposal for Conducting Value Added Course

Course Name : Digital Marketing
Number of hours : 30 Hours
Mode : Offline hands on workshop

Syllabus for the course

Module 1 : Introduction To Marketing
Inbound marketing
Outbound marketing
Understanding customer journey

Module II : Digital Marketing Overview
Importance of digital marketing for businesses
Web Development Using CMS
Introduction to domain and web hosting
Introduction to WordPress(CMS)
Creating your first WordPress website
Familiarising admin dashboard
Introduction to page builders
Website lead generation
Pagespeed optimization

Module III : Introduction to Content creation
How search engine works
Keyword research
Competitor analysis
Keyword Planning
On-Page SEO
Off-Page SEO
Technical SEO
Content optimisation

Introduction to SEO
Creating Marketing Materials And Creatives

Module IV : Social Media Marketing
Introduction to advertising on Social media platforms
Understanding buyer persona
Audience management
Campaign creation overview

Module V : Facebook marketing
Introduction to Facebook and Instagram Ads
Overview of campaigns, ad sets and ads
Advanced Facebook ads
Introduction to Facebook Pixel
Retargeting techniques in Facebook ads
Introduction to CBO
Introduction to Facebook business manager
Business-level configurations on Facebook

Module VI : Addons
Introduction to Google Business Profile
Local SEO
Introduction to directory listing
Managing directory listing and citations
Interview Skill Training
Interpersonal Skills
Computer Skills
Communication Skills
Mock Interviews
GD Sessions

10

KANNUR UNIVERSITY
(NAAC Accredited with B++ Grade)
DEPARTMENT OF ECONOMICS
Dr. JANAKI AMMAL CAMPUS, P.O PALAYAD -670661

VALUE ADDED COURSE

Name of the Department	**DEPARTMENT OF ECONOMICS**
Course Name	Certificate Course in Data Analysis Software Ms. Excel, GRETL and Python
Course Code	VACDECO23
Duration	30 Hrs (from 28 October 2023 to 30 November 2023)
About the course:	This course is an initiative of the Department of Economics, Kannur University to address the Capacity Building in the area of Economic Data Analysis. This programme aims to produce trained professionals for the corporate and academic sector who can effortlessly do secondary data analysis using statistical software. In essence, the major outcome of the course is to develop graduate students fit for modern data analytical jobs and also to mould trained professionals to implement and manage governance projects/policy programmes in a disciplined manner.
Course Objectives:	The course intends • To provide the students the benefits of different types of data sets like time series, cross sectional and panel data. • Provide various socio-economic databases • To introduce various open source statistical software along with hands on training on how to derive the data and do basic data analysis using Ms. Excel, GRETL and Python.
Course Outcomes:	• To develop students who are well versed in handling secondary and primary sources of socio-economic data. • To produce trained professionals who can effortlessly do data analysis using open source statistical software. • To develop the students fit for modern data analytical jobs.

Course Content Module	**Module - 1**: **Introduction to Data and Causal Inference in Economics** Database on Indian economy - World database- Open statistical software for casual interferences -Correlation and regression– Time Series and panel data Analysis- Statistical inferences and testing of hypothesis **Module – 3 : Ms. Excel** Introduction to Ms. Excel- Data Management -data manual adding and importing- Chart building -bar diagram, multiple bar diagram, pie diagram- Correlation analysis- Regression analysis **Module – 3 : GRETL** Software installation- Data Management -data manual adding and importing- Chart building -bar diagram, multiple bar diagram, pie diagram- Correlation analysis- Regression analysis **Module – 4** : **Python** Creating and importing data set in Python- Data management in Python- analysis of descriptive statistics- Correlation analysis- Regression analysis- statistical tests
Tentative list of resource persons	1. **Dr. Vijayamohanan Pillai. N-** Honorary fellow, GIFT, Thiruvananthapuram 2. **Dr. V. Shaharban -** Associate Professor, and Head , Department of Economics, Kannur University, Dr. Janaki Ammal campus 3. **Dr. Nirmal Roy V. P-** Assistant Professor, Department of Economics, Kannur University, Dr. Janaki Ammal campus 4. **Sri. MUHAMMED SHAFI** - Assistant Director - ITEC - Kannur University, Dr. Janaki Ammal Campus 5. **Smt. SHIVAGANGA R** - Assistant Professor - ITEC - Kannur University, Dr. Janaki Ammal Campus 6. **Smt. MEERA VARMA** - Assistant Professor - ITEC - Kannur University, Dr. Janaki Ammal Campus 7. **Sri. RITHIN M**- Assistant Professor - ITEC - Kannur University, Dr. Janaki Ammal Campus

KANNUR UNIVERSITY

VALUE ADDED COURSES

Name of the Department	Department of Botany
Course Name	Biology- Ethics and Philosophy
Course Code	(will be given by University)
Duration	30 h
About the course:	This course mainly aims to impart ethical sensitivity to students and to identify ethical issues in a research proposal and suggest appropriate methods to ensure ethical conduct of biological research. After completion of this course students will be able to impart knowledge of sustainability and development and the conservation strategies to the society.
Course Objectives:	1. To impart ethical sensitivity to students 2. Can recognise and identify ethical issues in biology, 3. Can analyse an ethical dilemmas and the philosophy behind it and come to a conclusion 4. Understands and can apply the various component of methodology and philosophy of biological science.
Course Outcomes:	1. Can apply academic knowledge to social issues 2. Can scrutinise and identify health, administrative and public health policies to identify ethical issues 3. Can identify ethical issues in a research proposal and suggest appropriate methods to ensure ethical conduct of biological research 4. Can impart knowledge of sustainability and development and the conservation strategies to the society.
Course Content	**Module 1: Biology** -The nature and logic of biological sciences -Logic of life. -Molecular logic of life. Problems of Biological classification — biological species concept- Evolution and Natural selection- Function and adaptation-The gene-centric view of evolution. **Philosophical issues in Genetics** - Classical and Molecular genetics-Genes and information -Genetic determinism-genetics and society-Eugenics and Euphenics- Reductionism in Biology **Module 2: Philosophical and political issues in Ecology**- Sustainable development-conservation and waste management - Anthropocentric and Ecocentric views- Biological determinism. Pandemics and Covid-19- Issues and Analysis. **Module 3: Bio Ethics-** Ethical dimensions of scientific practice- Contemporary issues in Bio ethics Ethical Issues in Biotechnology -Medical ethics- Ethics of Clinical practices- Methodology and Ethics in Biological research-Bio ethics and Social justice.
Tentative list of resource persons:	Dr. Babu Valliyodan, Assistant professor, Department of agriculture and environmental Science, Lincoln University, USA Dr.T.V. Sajeev, Senior Scientist, KFRI Peechi Dr.P.K.Prasadan, Department of Zoology, Kannur University Campus, Mananthavady Dr. K.N. Ajoykumar, Course coordinator, Department of Botany, Kannur University Campus, Mananthavady

	Dr. Ratheesh Chandra, Assistant professor, Kannur University Campus, Mananthavady Dr. Abdussalam A.K., Assistant professor, Sir Syed College, Taliparamba Dr. Sangeeth Thekkan, Assistant professor, Kannur University Campus, Mananthavady Anjana Ramachandran. E, Assistant professor, Kannur University Campus, Mananthavady Arya Sasidharan, Assistant Professor, Kannur University Campus, Mananthavady

12

Ad	PID	Acad	RD
DPE	KANNUR UNIVERSITY		Fin
SDE	10 OCT 2023 No. 21530		Exam
IQAC	PF	LIB	RTI	DSS

KANNUR UNIVERSITY

DEPARTMENT OF MALAYALAM

NAAC REACCREDITED WITH B++ Grade

DR. P K RAJAN MEMORIAL CAMPUS

PALATHADAM NILESHWARAM

Dr.Reeja.V,
HoD
mail: hodmalayalam@kannuruniv.ac.in

Dr.PKRMC / Mal./ VAC / 2023 Dated 09-10-2023

To,

The Registrar,
Kannur University.

Sir,

Sub: Department of Malayalam- proposal towards Value Added Course Malayalam Data Entry- submitting of –reg

Ref : Circular No.ACAD H/ACAD H3/14984/2023 dated 30-09-2023.

– – –

The proposal towards the conduct of Value Added Course " Malayalam Data Entry " in the Department of Malayalam, Dr.P.K Rajan Memorial Campus, Nileshwaram , is submitted herewith for favour of your information and further necessary action. The Syllabus of the proposed course and the minutes of the DRC meeting are enclosed herewith.

Yours faithfully,

DR. REEJA. V
PROFESSOR & HEAD
DEPARTMENT OF MALAYALAM
KANNUR UNIVERSITY
DR.P.K.RAJAN MEMORIAL CAMPUS
NILESHWAR-671314 KASARAGOD

Encl; As above

9/10/2023

കണ്ണൂർ സർവ്വകലാശാല മലയാളവിഭാഗം ഡിപ്പാർട്ട്മെന്റ് കൗൺസിൽ 9.10.2023 ന് ഉച്ചയ്ക്ക് 12 ന് HOD യുടെ റൂമിൽ വെച്ച് ചേർന്നു.

അജണ്ട.

1. സാഹിത്യ ഡാറ്റാ കോഴ്സ് 2023 സിലബസ് അംഗീകരിക്കൽ

ഹാജരായവർ

1. ഡോ. റീജ വി.
2. Dr. Abdul Rafeek
3. ഡോ. ശ്രീജ വർഗ്ഗീസ്
4. ഡോ. ദിവ്യ രമേശ്.

തീരുമാനം.

No. ACAD H/ACAD H3/14984/2023 നമ്പർ മലയാളവിഭാഗം 'Malayalam Data Entry' എന്ന സാഹിത്യ ഡാറ്റാ കോഴ്സിന്റെ സിലബസ് അംഗീകരിച്ചു. സർവ്വകലാശാലക്ക് സമർപ്പിക്കാൻ തീരുമാനിച്ചു. റിസോഴ്സ് പേഴ്സൺ മാർ - Dr. Mahesh Mangalatt, Salma T.K, Mujeeb C.P എന്നിവരെ നിശ്ചയിച്ചു.

9/10/2023

Dr. REEJA V.
PROFESSOR & HEAD
DEPARTMENT OF MALAYALAM
KANNUR UNIVERSITY
Dr.P.K.RAJAN MEMORIAL CAMPUS
NILESHWAR - 671314, KASARAGOD

// ശരിപകർപ്പ് //

KANNUR UNIVERSITY
Department of Malayalam
Dr.P.K.Rajan Memorial Campus
Palathadam, Nileshwaram
Pin - 671314
SCHOOL OF INDIAN LANGUAGES

DR. REEJA. V
PROFESSOR & HEAD
DEPARTMENT OF MALAYALAM
KANNUR UNIVERSITY
DR.P.K.RAJAN MEMORIAL CAMPUS
NILESHWAR-671314, KASARAGOD

KANNUR UNIVERSITY
VALUE ADDED COURSE 2023

Name of the Department	Department of Malayalam, Dr. P.K. Rajan Memorial Campus, Nileshwar
Course Name	മലയാളം ഡാറ്റ എൻട്രി
Course Code (will be given by University)	MAL23VA01
Duration	30 h
About the course:	ധാരാളം തൊഴിൽസാധ്യതകൾ രൂപപ്പെട്ടു വരുന്ന ഒരു മേഖലയാണ് മലയാളം കംപ്യൂട്ടിംഗ്. വർധിച്ചുവരുന്ന ഈ തൊഴിൽസാധ്യത മുന്നിൽ കണ്ട് യുണികോഡധിഷ്ഠിത ടൈപ്പിംഗ്, ഡാറ്റ എൻട്രി എന്നിവയിൽ സാങ്കേതികപരിശീലനം നൽകുകയാണ് കോഴ്സിന്റെ ലക്ഷ്യം.
Course Objectives:	1. അടിസ്ഥാന കംപ്യൂട്ടർ പരിജ്ഞാനം നൽകുക. 2.യുണികോഡ്, മലയാളം കംപ്യൂട്ടിംഗ് എന്നിവ മനസ്സിലാക്കുക. 3. ഡാറ്റ എൻട്രിയുമായി ബന്ധപ്പെട്ട സോഫ്റ്റ് വെയറുകൾ പരിചയപ്പെടുകയും പ്രായോഗിക പരിശീലനം നൽകുകയും ചെയ്യുക.
Course Outcomes:	1. മലയാളം കംപ്യൂട്ടിംഗ് സാമാന്യമായി പരിചയപ്പെടുക. 2. മലയാളം ഡാറ്റ എൻട്രിയിൽ സാങ്കേതിക പരിജ്ഞാനം നേടുക. 3. മലയാളം ടൈപ്പിംഗ് പരിചയപ്പെടുക. 4. യൂണികോഡ് കൺവെർഷനിൽ പരിശീലനം നേടുക.
Course Content Module 1: Module 2: (add more modules if necessary)	Module 1: Malayalam, Arabic, English Typing, Ms word syllabus Creating, editing, saving the text document Font and paragraph formatting

	Module 2: Inserting tables, smart art, page breaks Working with images Page layout and page set up Using spelling and grammar check, Excel Module 3: Mail merge, PPT Slide preparation, Basic Photoshop, Unicode Conversion, Analyzing Data- Filter, Subtotal, Secure and protecting worksheet
Tentative list of resource persons:	1.Dr. MAHESH MANGALATT (Rtd.Asso.Professor, Govt. College Mahe) 2. SALMA T.K. (G TEC COMPUTER INSTITUTION, KANHANGAD) 3. MUJEEB C.P (Freelance Activist: Swathanthra Computing)

Nileshwar

09/10/2023

Dr. Reeja V.

9/10/2023

Head of the Department

DR. REEJA V.
PROFESSOR & HEAD
DEPARTMENT OF MALAYALAM
KANNUR UNIVERSITY
Dr.P.K.RAJAN MEMORIAL CAMPUS
NILESHWAR - 671314, KASARAGOD

KANNUR UNIVERSITY
Department of Malayalam
Dr.P.K.Rajan Memorial Campus
Palathadam, Nileshwaram
Pin - 671314
SCHOOL OF INDIAN LANGUAGES

13

Section Officer Academic H Section, Kannur Uty <soacadh@kannuruniv.ac.in>

Fwd: Kannur University - Proposals for conducting value-added courses in the Department of Zoology 2023-24 - invited- Reg.

1 message

Section Officer fair copy & despatch Kannur University <sofcd@kannuruniv.ac.in> Thu, Oct 12, 2023 at 3:31 PM
To: soacadh@kannuruniv.ac.in

---------- Forwarded message ---------
From: **HOD, Department of Zoology Kannur University** <hodzoology@kannuruniv.ac.in>
Date: Thu, Oct 12, 2023 at 3:22 PM
Subject: Kannur University - Proposals for conducting value-added courses in the Department of Zoology 2023-24 - invited- Reg.
To: Section Officer fair copy & despatch Kannur University <sofcd@kannuruniv.ac.in>

Sir,
With reference to the Orders of the Vice Chancellor in the File of even no. Dld:27.09.2023. I am herewith submitting a Proposal for conducting value-added courses in the Department of Zoology 2023-24. Kindly do the needful.

public health.doc
120K

KANNUR UNIVERSITY
DEPARTMENT OF ZOOLOGY
MANANTHAVADY CAMPUS
Edavaka Post, WAYANAD Dt. 670645 Ph: 9847803136

Name of the Department	Department of Zoology
Course Name	**Certificate course on public health and Management**
Duration	**30 hours**

About the Course: This course will be useful for students all students getting awareness in public health and management. This course will be an add-on in gaining knowledge regarding epidemiology, prevention, control & management of diseases of public health importance.

Course objectives: To implement the knowledge, skills & advances of public health for prevention, control, elimination of diseases of public health importance.

Course Outcomes: The students will be well-versed in programmes related to Occupational Health, implementation & evaluation of public health services

Course Content:

1. Introduction to public health
2. Environment & Health
3. Nutrition & health
4. Epidemiology
5. Mental health
6. Social sciences & their application in public health.
7. National Health Programme in India
8. Health management & health planning

PUBLIC HEALTH AND MANAGEMENT

VALUE ADDED COURSE

DEPARTMENT OF ZOOLOGY

Introduction to public health-2 hrs

Introduction, History of public health. community health, community medicine.

Environment & Health- 4 hrs

Water, Air, and Noise in relation to health & diseases; Industrialization & health; Radiation & health; Safe Disposal of Municipal waste.

Nutrition & health-6 hrs

Nutritive value of food & planning of balanced diet; Food processing & preservation. Food adulteration and standards. National Nutrition Policy & Programmes.

Epidemiology- 6hrs

Definition & aims, Epidemiology of communicable and non-communicable diseases.

Mental health-4 hrs

Prevention of mental diseases. Alcohol related & drug related problems. Mental health services in India.

Social sciences & their application in public health- 4 hrs

Medical sociology. Social Anthropology. Introduction to social sciences & their application in public health. Medical Ethics.

National Health Programme in India- 2 hrs

National Anti-Malaria Programme, National Filaria Control Programme, National water supply & sanitation Programme, National mental health Programme, Universal Immunization Programme, National AIDS and cancer control Programme, National Family Welfare Programme.

Health management & health planning- 2 hrs

Management methods & techniques (PERT, CPM), Principles of planning of health services at district/ PHC level

TENTATIVE LIST OF RESOURCE PERSONS FOR VALUE-ADDED COURSE

Sl. No	Name	Institution
1.	Dr. Binu R	Assistant Professor, Calicut University
2	Dr. Madhu	Assistant Professor, Punjabi University
3.	District Medical Officer	National Health Mission, Kalpetta
4.	Dr. Suanthan	KFRI, Peechi
5.	Dr. Smija MK	Department of Zoology, Kannur University
6.	Dr. Sumodan	Retd. Professor, Govt. college Madapally
7.	Dr, Elangovan	VCRC, Pondichery

DR. SHEIK MOHAMMED SHAMSUDEEN R
Head, Dept. of Zoology
KANNUR UNIVERSITY
Mananthavady Campus
Edavaka P.O., Wayanad, Kerala

KANNUR UNIVERSITY
VALUE ADDED COURSES

Name of the Department	School of Chemical Sciences
Course Name	Certificate Course in Advanced Techniques for Characterization of Materials
Course Code	(to be given by University)
Duration	32hrs
About the course:	This course introduces students with the basic practical skills in advanced instrumental analysis, specifically for material characterization, which are imperative in the present industrial environment. The training provides a sound background of the basic principles of analysis, an understanding of the instrumentation involved and the opportunity to become familiar with practical techniques. The program aims to impart in depth knowledge with hands on training of different sophisticated instruments like XRD, TGA/DTA, DSC, Raman Spectroscopy, NMR spectroscopy, PL, UV-VIS Spectrophotometer, Electrochemical work station, Solar Simulator etc. along with theoretical background.
Course Objectives:	Characterizations of materials are essential for the applications of the same in various fields of material science. This is also important in diverse fields, which includes chemical, microstructure and physical properties of different materials used as probes, sensors and in medical fields. The aim of the course is to provide the students with an overview of sophisticated instrumentation techniques emphasized with special reference to the principles, practice and applications of UV-Visible spectroscopy, X-ray diffraction, thermal and electrochemical techniques.

Course Outcomes:	Onsuccessfulcompletionofthisshorttermcourse,a studentwillbeable to: • Explainthe principles and operationofa rangeofadvanced techniquessuchasUV-Visible spectroscopy, X-raydiffraction,thermalandelectrochemical instrumentsusedincharacterizationofvariousmaterials • Develop an idea about the crystal structure of materials and their by its structure - property relations. • Understanding, from a microstructural point of view, the thermal properties of materials and related applications. • Handonexperience of instrumentsandinterpretationofresults. • Applytheskillsgainedinresearch and industrial explores Post Graduates, after doing the course can get into various academy/Industry-based jobs like (i) Instrumentation Engineer (ii) Technical Assistant (iii) Scientific Assistant (iv) Lab Assistant
Course Content	Module 1: Spectroscopic methods Module 2: X-ray techniques Module 3: Thermal Studies Module 4: Electrochemical Studies
Tentative list ofresourcepersons:	1. Dr. Joshy Joseph, Principal Scientist, CSIR-NIIST Thiruvananthapuram 2. Dr. Rajeev, Senior Scientist (Retd.), ISRO, VSSC 3. Dr. Sugunan S, Professor (Retd.) CUSAT, Kochi 4. Dr. Jerry Fereiro, Asst. Professor ,IISER Thiruvananthapuram 5. Dr. SurajSoman, Scientist, CSIR-NIIST Thiruvananthapuram 6. Dr. RejiVargheese, Associate Professor ,IISER Thiruvananthapuram 7. Dr. Binitha N, Professor, Dept. of Chemistry, Calicut University

S. Sudheesh

Dr.S.Sudheesh
Professor & Head

Department of Chemistry, Kannur University

Swami Anandatheertha Campus, Payannur

Advanced Techniques for Characterization of Materials **(Value-Added Course)**

CourseDuration: 32Hrs.

Course Objectives

Characterizations of materials are essential for the applications of the same in various fields of material science. This is also important in diverse fields, which includes chemical, microstructure and physical properties of different materials used as probes, sensors and in medical fields.

The aim of the course is to provide the students with an overview of sophisticated instrumentation techniques emphasized withspecialreference totheprinciples, practice and applications of UV-Visible spectroscopy, X-ray diffraction,thermal and electro-chemical techniques.

LearningOutcomes

On successful completion of this shortterm course,a student will be able to:

- Explain the principles and operation of a range of advanced techniques such as UV-Visible spectroscopy, X-ray diffraction,thermal and electrochemical instruments used in characterization of various materials
- Develop an idea about the crystal structure of materials and their by its structure - property relations.
- Understanding, from a microstructural point of view, the thermal properties of materials and related applications.
- Hand on experience of instruments and interpretation of results.
- Apply the skills gained in research and industrial explores

Course Syllabus

Module-1 Spectroscopicmethods

Theory:Ultraviolet and Visible Spectroscopy: electronic transitions, radiative processes, energy diagram, internal conversion, conical intersection, Principle,solvent effects, instrumentation and applications of UV-Visible, spectroscopy,FT-IR,Raman, NMR and Fluorescence spectroscopy.

Practical:**Hands on experience ofoperationwithUV-Vis-,Ramanand dataanalysis.**

Module II X-raytechniques

Theory: Principle, Theory- X-ray spectral lines, instrumentation, Powder XRD and Single crystal XRD, Chemical analysis using X-ray absorption, X-ray Fluorescence instrumentation and chemical analysis, X-ray Diffraction, Chemical analysis with X-ray diffraction, applications.

Practical: Instrumentation, sampling and **hands on experience with instruments for analysis**.

Module - III Thermal Studies

Theory:Introduction, specific heat, thermal conductivity, thermal expansion, thermal stress, thermal stability. Relationship between structure and thermal properties of materials.Thermo gravimetric methods of analysis (TGA): Instrumentation, thermogramand information from

thermogram, factors affecting thermogram,applications TGA for quantitative analysis and problems based TGA.Differential Scanning Calorimetry (DSC): Principle, Instrumentation, Applications

Practical:Instrumentation, sampling, **Hands on experience ofoperationwith DSC and TGA and interpretation of Data**

Module-IV **Electrochemical Studies**

Theory:Faradays laws of electrolysis, current - voltage relationship during an electrolysis, operating cell at fixed applied potential, electrolysis at constant working electrode potential, coulometric methods of analysis. Voltammetric principles, hydrodynamic voltammetry,stripping voltammetry,cyclic voltammetry (CV),Principle, criteria of reversibility of electrochemical reactions, quasi-reversible and irreversible processes, apparatus, advantages and limitations Instrumentation, sampling and application and interpretation of cyclic voltammograms

Practical: Instrumentation, working, samplings, **hands on experience of operation CV and data analysis.**

Books Recommended

1) Theory and Applications of UV Spectroscopy, H.H.JaffeandM.Orchin,IBH-Oxford.
2) Inorganic spectroscopic methods, A.K. Brisdon, Oxford Chem. Primers, 1997, NewYork.
3) Applied Electron Spectroscopy for Chemical Analysis Ed. H. Windawi and F.L.Ho,WileyInterscience.
4) Introduction to Spectroscopy,Pavia,Brooks/ColeCenage,4thedition,2009,Belmont.
5) Fundamentals of Analytical Chemistry, Skoog, West, Holler, Croach, Thomson Brooks/Cole
6) Instrumental methods of chemical analysis, Willard, Dean and Merrit, Affiliated East West Press

Dr.S.Sudheesh
Professor & Head
School of Chemical Sciences

KANNUR UNIVERSITY
SCHOOL OF PEDAGOGICAL SCIENCES

KANNUR UNIVERSITY CAMPUS P.O., DHARMASALA – 670567
Phone: 0497-2781290 e-mail: spskannuruty@gmail.com

CERTIFICATE COURSE ON

INSTRUCTIONAL DESIGN FOR TECHNOLOGY ENABLED EDUCATION

Course overview

The course intent to create technologically skilled teachers and teacher educators, improve teaching proficiency and competency in their careers. The courses offered below are targeted to build skilled teachers and teacher educators with practical knowledge in the areas of instructional design and educational technology.This programme that prepares teachers and teacher educators to train teachers / students for upper primary or middle level, secondary level and senior secondary level.

Objectives of the programme:

- Develop teaching proficiency and competency
- Professional Capacity Building
- Personal Development
- Continuous academic development
- Addressing diverse learning needs
- Research and knowledge construction
- Personal and professional integrity and ethics

Partner Institution: State / Central University , Kerala State. (Centre for Educational Technology)

Skill Programme Name: Certificate Course on Instructional Design for Technology Enabled Education

Sector: Education, Teacher Education

NSQF Level :

Job role for placement:

Mode of Delivery: Education and Training Through all modern Methods and Techniques, contact sessions- offline Mode (theory), practical sessions- both online and offline Mode(Hybrid).

Course Fees:

Eligibility: For Certificate Course on Instructional Design for Technology Enabled Education any of the following group of applicants can apply for joining. Teachers, B.Ed. graduates and M.Ed. Degree holders.

Duration: 3 months

Industry Partner (not mandatory): NA

Certification: State University

Number of candidates can be trained in a year: 120 students.

Activation Time: 3 months from the date of approval

Yours Faithfully,

S/d

Head of the Department
School of Pedagogical Sciences

Value Added Course

Course Code & Title	**A Basic Course in Latex**
Course Objectives	The Course aims · To understand the importance of Latex in scientific typing and importance of using online methods for typing. · To understand the basic Latex typing techniques and get a practical knowledge of how to type a Project Report/ Research Paper

Module	Content	Module Outcome
I **(15 Hours)**	Understanding the Importance of Latex and theBasics 1.1 What is Latex?. The main features 1.2 Online overleaf access 1.3 Title, sections, command and arguments 1.4 Labelling table of contents, font effects, coloured texts and font sizing 1.5 Comments,spacing,special characters [Chapters 1 and 2 of the text book]	The main aim of this module is to get a proper understanding about the basic latex language and understand the title, table of contents, colour texts and font settings.
II **(15 Hours)**	Equations, Symbols and Project/Thesis Report Typing 2.1 Lists, tables and figures 2.2 Equations and symbols 2.3 Reference: Bibliography styles 2.4 report typing: thesis/ project report 2.5 Document classes: article, book. beamer and slides [Chapters 3 and 4 of the text book]	This module is intended to make students comfortable in the typing of project reports. To attain this they are expected to learn the references and document classes in Latex.
References	**TEXT BOOK :** Text 1: Guide to LATEX, fourth edition, Helmut Kopka, Patrick W.Daly https://www.math.ucdavis.edu/~tracy/courses/math129/Guide_To_LaTeX.pdf **REFERENCES** 1.Overleaf learning material https://www.overleaf.com/learn 2.https://mirror.niser.ac.in/ctan/macros/latex/contrib/beamer/doc/beameruserguide.pdf	

KANNUR UNIVERSITY

VALUE ADDED COURSE

Name of the Department	**DEPARTMENT OF WOOD SCIENCE AND TECHNOLOGY**
Course Name	**Testing of wood and wood panel products as per Indian Standards**
Course Code	
Duration	30 h
About the course:	The quality testing of wood and wood panel products is of significant importance in industries to ensure the safety reliability and efficiency in a wide range of applications. This helps in the material selection, product quality control, life cycle assessment and to efficiently utilize the wood product
Course Objectives:	To train the students to get a complete idea about the important testing standards involved in determining the quality of wood and wood panel products
Course Outcomes:	Learners will gain specific knowledge and capabilities in the field of wood quality testing. They will be able to test the properties of timber and the plywood as per IS standards Quality control in solid wood and wood panel manufacturing can be properly managed
Course Content	**Module 1:** Determination of static bending strength, compressive strength, Shear strength, tensile strength of solid wood as per IS 1708 using UTM Machine **Module 2:** Determination of Fire resistance, Glue shear strength, Mycological test, tensile strength, Compressive strength, static bending, Shear strength of plywood as per IS 1734 Testing of plywood as per IS 303 and IS 710 for Marine and general purpose plywood
Tentative list of resource persons:	Shri Anand Nandanwar Scientist F, IWST Bangalore Other concerned technicians assigned by the industries will also to be included other than the chief instructor. **N.B.** The practical demonstration will be done from the industry by the concerned technicians in the industry and will change accordingly.

Sd/-

Name of the Department	School of Legal Studies, Department of Law, Palayad & Manjeswaram
Course Name	Capacity building and Personality development programme for Legal Professionals
Course Code	
Duration	30 Hours
About the Course	In a world which is increasingly becoming competitive, it is very important that an individual is competent, skilled, and productive. For law students ,it is necessary to develop the capacity building and thereby enhance the professional quality in order to be successful in legal profession .The overall personality development of law students becomes more crucial in modern days as they navigate through personal and professional relationships as it enables them to be effective in communication and agreeable in approach. The Capacity Building & Personality Development course aims at developing the communication and interpersonal skills of Legal students .
Course Objectives;	The main goal of this course is to develop student's : ability to communicate effectively with co-workers, employers, clients and customers. improvement of time management, organizational skills & goal setting development of leadership skills to improve teamwork, creativity, efficiency & productivity

	development of presentation skills to enhance sales, project explanations, self-confidence, relationship development
Course Outcome;	The course will help students , to learn soft-skills and techniques that are required to gain a competitive edge. It also emphasises on learning and applying the use of intuitive, logical and critical thinking, communication and interpersonal skills, not limited to cognitive/creative skills. These course aims to develop Interpersonal skills,Professional etiquettes and Digital literacy in legal profession.Ultimately the course intends to enhance the outcome of employability among the students.
Course content	**Module 1:** **A. Personal Capacity BuildingModule:2** **B. Professional -Career SkillsModule:3** **Professional ability enhancement** **Module 4** **Addressing quality and attitude in Legal professional** **Module 1:** **A.** Personal Capacity Building •. Listening • Brainstorming •.Time management •Stress management • Group Discussion Skills and Internal Communication **Module:2** **B. Professional -Career Skills** •.Identifying Career Opportunities •Resume Skills •.Interview Skills •. Presentation Skills **Module 3:**

	Professional ability enhancement • Interpersonal skills • Professional Etiquettes • Digital literacy in legal professional **Module 4:** **Addressing quality and attitude in Legal professional** • Team building practices • Co ordination skills • Professional Ethics
Tentative list of Resource persons	•Mr.Abdul Rasheed A.P.K,Assistant Professor St.Aloysius College, Mangalore •Mr.Pradeepan Maloth ,Public Relations officer @hrudayaram ,Former president of the state at NFPR National Forum for peoples rights •.Siji jose ,clinical psychologist, Manasamithra counsiling center

19

DEPARTMENT OF STATISTICAL SCIENCES

KANNUR UNIVERSITY

VALUE ADDED COURSE:-2023-24

PROPOSAL

Name of the Department	**Department of Statistical Sciences**
Course Name	**Statistical Data Analysis Using SAS**
Course Code	**MSSTAVAC02**
Duration	**30 hours**
About the Course:	SAS stands for the Statistical Analysis System. It is a command-driven software package used for statistical analysis and data visualization. It is one of the most widely used statistical software packages in both industry and academia. In view of the recent rise in the market of Data Science and Predictive Analytics, SAS seems to have a good future ahead. The course will cover the basic features of SAS, like SAS window environment, creation of libraries, data statement and dataset options, in-file statement & options, input statement options, data lines statement, followed by some advanced topics in statistical computing.
Course Objectives	To gain knowledge in basics of SAS programming which is used for statistical data analysis and interpretation . SAS is a widely used software for clinical data analysis, drug development and medical research. The basic objective of the course is to give a thorough knowledge in SAS for bio-medical research**.**
Course Outcomes	After successful completion of the course the student will acquire SAS programming skill which enable the students to apply it in their fields of study and also prepare them for new and emerging job opportunities in pharmaceutical companies and medical research institutions.

Course Content	**Module 1:** Basic of SAS, SAS window environment-creation of libraries-Attributes of the variables, length, label statements. Entering raw data into SAS, creating and manipulating SAS data, SAS functions to transform and modify data and merging and appending SAS data sets. **(3 hours)** **Module 2**: Informats & formats- how dates works in sas- other statements (sum, retain, keep, drop, rename, output, if, if/then, if/then/else, if/then output, if/then delete, where, do, do until & do while). **(3 hours)** **Module 3:** Functions (character, numeric, date) proc step (proc contents, proc copy, proc delete, proc sort, proc compare, proc transpose, proc format, proc print, proc report, Proc tabulate, Proc transpose). **(3 hours)** **Module 4**: SAS/stat basic functional classes of statistics procedures (proc means, proc freq, Proq report - column, define, headline, head skip, compute, order and group). **(3 hours)** **Module 5:** Sdtm adam tlf Sas programming datastep proc step ways to read data into SAS. **(3 hours)** **Module 6:** Backend process of datastep, data statement & dataset options infile statement & options **(3 hours)** **Module 7:** Input statement, options, datalines statement **(3 hours)** **Module 8:** Regression analysis, Pearson Correlation, Chi-square Test of Independence – Inferential Statistics for Comparing Means: One Sample t Test, Paired Samples T Test, Independent Samples T Test **(3 hours)** **Module 9:** One-Way ANOVA. Two way ANOVA, Multivariate ANOVA **(3 hours)** **Module 10:** Independent Chi square Test, Mann- Whitney test , Wilcoxon signed rank test, Kruskal- Wallis test. Interpreting the output of tests, p-value computation, SAS for clinical data analysis **(3 hours)**

Tentative list of resource persons:	1) **Ranjith Prayankotveettil,, Senior Director, Biostatistics and programming, PPD, Bangalore.** 2) **Neethu Babu, Senior Statistician , Pfizer, Chennai** 3) **Bijin K C, Statistical Programmer-II, Caidya, Technopark, Trivandrum.** 4) **Nithin Mathew, Statistical Programmer-II, Caidya, Technopark, Trivandrum.**

Expected cost

TA/DA : 15,000

Remuneration : 30,000/-

Printing Charge : 3,000/-

Stationery items : 5,000/-

Total : 53,000 (Fifty three thousand only)

KANNUR UNIVERSITY
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VALUE ADDED COURSES

Name of the Department	Department of Journalism and Media Studies
Course Name	Media and Human Rights
Course Code	MJJMC 02 VAC 01
Duration	30 h
About the course:	This course is about how media is important in human rights and human right activism. This course will cover human right movements, human right laws, fundamental rights and writing on human right.
Course Objectives:	1. To make awareness about the Human Rights and society. 2. To enable the students to understand Human Rights in national and international perspectives. 3. To impart knowledge about Promotion and Protection of Human Rights.
Course Outcomes:	After completing the course, the students should understand: 1) The students will understand the need for upholding the spirit of Human Rights. 2) the skills required to write clear, compelling copy. 3) The students can develop a pro Human Rights attitude in promoting Universal Fundamental Rights.
Course Content	Module 1:Human Rights - concept, scope and importance Module 2:Human Rights in International Perspective Module 3: Fundamental rights, Freedom of Speech and Expression under Indian Constitution Module 4: Media and Social Issues Module 5: Writing on Human Rights
Tentative list of resource persons:	Athira MP Muhammad Ashik NP Aiswarya Lakshmi

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VALUE ADDED COURSES

Name of the Department	Information Technology
Course Name	Fundamentals of IoT – Practical Perspective
Course Code	MSCSC03VAC01
Duration	30 h
About the course:	The course is designed to provide students with a comprehensive understanding of the Internet of Things (IoT) technology, its devices, networking, and applications. The course covers the basics of IoT, including the components, devices, and sensors used to build IoT systems, as well as the connectivity and data management technologies used to integrate and analyse IoT data. Through hands-on projects, students will have the opportunity to apply the concepts and technologies covered in the course to build and test real-world IoT systems. The course also covers advanced topics in IoT, including security, privacy, and ethical considerations, and provides students with an overview of current and future trends in the field. Upon completion of the course, students will have a solid understanding of IoT technology and be able to apply this knowledge to build and design their own IoT systems.
Course Objectives:	1. Provide a comprehensive understanding of IoT technology and its components, including devices, sensors, and networking. 2. Develop skills in designing and building IoT systems, including hands-on experience with IoT devices and programming. 3. Familiarize students with IoT data management and analytics, including the collection, integration, and analysis of IoT data. 4. Introduce students to the security, privacy, and ethical considerations involved in building and deploying IoT systems. 5. Provide students with an overview of current and future trends in IoT technology and its applications. 6. Enable students to apply their knowledge and skills to real-world IoT projects and design their own IoT systems.
Course Outcomes:	1. Understanding of IoT fundamentals: Students will have a clear understanding of the definition and concept of IoT, its key components, and how it works. 2. Knowledge of IoT applications: Students will be able to identify and describe various IoT applications in different industries and understand the benefits of

	IoT in these industries. 3. Awareness of IoT architecture and protocols: Students will be able to explain the different layers of IoT architecture, understand the most commonly used IoT protocols, and appreciate their role in IoT systems. 4. Familiarity with IoT security and privacy: Students will be able to identify common security and privacy issues in IoT, understand the implications of these issues, and know how to secure IoT systems and protect sensitive data. 5. Hands-on experience with IoT technologies: Students will be able to apply the concepts learned in the course through hands-on activities using IoT devices, sensors, and platforms. 6. Preparedness for further studies and careers in IoT: Students will be equipped with the foundational knowledge and skills required to pursue further studies or careers in IoT-related fields. By successfully completing the course, students will be well-equipped to understand, design, and implement IoT systems, and to contribute to the development and growth of IoT in various industries.
Course Content	Module 1: Introduction to IoT • Definition and Overview of IoT • IoT Architecture and Components • IoT Applications and Use Cases Module 2: IoT Devices and Sensors • Types of IoT Devices and Sensors • IoT Device Characteristics and Requirements • IoT Device Interfacing and Communication Module 3: IoT Networking and Connectivity • IoT Networking and Communication Technologies • IoT Protocols and Standards (e.g., MQTT, CoAP, Zigbee, etc.) • IoT Cloud Services and Platforms (e.g., AWS IoT, Microsoft Azure IoT, etc.) Module 4: IoT Data Management and Analytics • IoT Data Collection, Storage and Processing • IoT Data Analytics and Visualization • IoT Data Privacy and Security Module 5: IoT Applications Development • IoT Application Development Frameworks and Tools (e.g., Node-RED, Python, etc.) • IoT Application Development Life Cycle • IoT Application Deployment and Management Module 6: IoT Case Studies and Hands-on Sessions • IoT Case Studies and Best Practices

	• IoT Hands-on Sessions (e.g., IoT Device Interfacing, IoT Networking, IoT Data Analytics, IoT Application Development, etc.)
Tentative list of resource persons:	1.Sreejith R S Asst. Professor, Department of Computer Science, College of Applied Science Manjeshwaram. 2. Brijul Prakash, Technical Assistant, Dept. Of IT 3. Rishna , Technical Assistant, Dept.. of IT
Expected Expenditure	Faculty honorarium = Rs. 30000/- (Rs. 1000 per hour) Consumables (Sensors and micro controllers) = 15,000/- _____ Total Rs. 45,000/- **Justification for Additional amount** The proposed course "Fundamentals of IoT- Practical Perspective" is lab-oriented course designed to foster the intelligent system development concept among the students. To ensure the effectiveness of the course we have to provide the hands-on experience to the participants during the course. Apart from computational resources available in the department we also need few sensors (Accelerometer, infrared, ultrasonic, temperature and pressure, PIR), microcontrollers (ESP32) and few actuators (DC/Stepper motor, LED etc) . An additional amount of Rs. 15,000/- may be granted to procure above items as part of the course.

KANNUR UNIVERSITY

VALUE ADDED COURSES

Name of the Department	Kannur University Teacher Education Centre, Kasaragod
Course Name	Life Skills and Life Skills Education
Course Code	
Duration	45 Hours
About the Course	The course will equip the learners to cope up with the fast-changing world. The learners will be able to lead a harmonious life which is most vital for their holistic development.
Course Objectives	Mentioned below
Course Outcomes	Mentioned below
Course Content	Module 1: Introduction to Life Skills and Life Skills Education Module 2: Theoretical Foundations of Life Skills Module 3: Leadership and Management Skills Module 4: Applications of Life Skills Module 5: Project Work
Tentative List of Resource Persons	Coordinator: Dr. A. Smitha (Area of Specialization: Life Skills Education and Tolerance) Assistant Professor (Mathematics) KUTEC, Kasaragod Joint Coordinator: Dr. Rijumol K. C. Course Director KUTEC Kasaragod Members: Dr. Abeera Assistant Professor KUTEC Kasaragod Ms. Naveena K. V. Assistant Professor KUTEC Kasaragod

Course Objectives:

After the completion of the course, the learners will be able to:

- internalize the concept of life skills and its framework established by WHO, UNESCO and UNICEF.
- develop thinking skills, social skills and emotional skills.
- Understand several theories for promoting life skills and focus upon its implications.
- promote healthy and peace-loving lifestyle.
- conceptualize by internalizing the theoretical and practical aspects of life skills education.
- overcome daily life problems, issues and challenges.
- develop psychosocial competence and wellbeing.
- enhance self-confidence, assertiveness, resilience, readiness, flexibility, openness and maturity.
- foster some elements of tolerance such as recognition, understanding, acceptance, respect and appreciation towards others.

Stakeholders:

The following persons can take up the value-added course:

- School or college students from any discipline.
- Teacher educators from any level of education.
- Trainers from different fields.
- People such as social workers, doctors and counsellors.

Multi-strategy Techniques to be used for nurturing life skills among learners:

Role Play, Brain storming, Games, Case Study, Picture Association Discussion Puzzles and Riddles Dumb Charades Film Show Story Telling Simulation Case Study Field Visit, Collage Making, Debate, Extempore, Miming, Situation Analysis, Seminar/Workshop, Art/Craft/Drama/Dance, Food Fest, Zumba, Meditation/Yoga, Excursion/Trip/Picnic, Animation, Puppetry, Elocution, Extempore and Project Work

Course Outcomes:

The learners will be able to:

- Identify one's own strengths, weaknesses, opportunities and threats.
- Equip effective ways to negotiate and successfully manage or resolve everyday conflicts.
- Increase social and emotional

Module 1 Introduction to Life Skills and Life Skills Education

Definition and components of life skills, need and significance of life skills and life skills education, life skills development for various stages of growth and development, Johari window, SWOT analysis, generic specific skills: personality development, problem specific skills: sex and sexuality, prevention of depression and suicidal tendency, coping skills for

substance abuse and addiction, overcoming gender issues, overcoming eating disorders and obesity, peer pressure, area specific skills: prosocial behaviours, understanding social and emotional intelligence

Module 2 Theoretical Foundations of Life Skills

Delor's commission report (Four pillars of education), Contributions of various national and international organizations to promote life skills, child and adolescent development theory, social learning/influence theory, problem behaviour theory, resilience and risk theory, constructivist psychology theory

Module 3 Leadership and Management Skills

Definition, characteristics, qualities and traits of leadership, types of leaders, skills required for effective leadership, need and significance of leadership in 21st century, goal setting, mastering interview strategies, team management and conflict resolution skills

Module 4 Applications of Life Skills

Introduction of applications in daily life, career planning and development, employability skills, social roles and responsibilities at home, work place and society (resource, time, food, waste, financial, waste and health management), designing and development of training modules.

Module 5: Project Work

Task, assignment, seminar and workshop, preparation of project report, preparation of rating scale, check list, anecdotal record and observation, conducting observation (Participatory and non-participatory) and interview (Structured and Unstructured)

23

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KANNUR UNIVERSITY
Accredited By NACC with B Grade
ടീച്ചർ എഡ്യുക്കേഷൻ സെന്റർ
TEACHER EDUCATION CENTRE
കണ്ണൂർ സർവ്വകലാശാല ക്യാമ്പസ് പി.ഒ., ധർമ്മശാല -670 567
Kannur University Campus P.O., Dharmasala-670567
Ph: 04972 784715 *email:cddtedsla@kannuruniv.ac.in*

KUTEC/DSLA/ Value Added Course/2024 23.01.2024

From
The Course Director

To
The Registrar
Kannur University

Sir,

Sub: Kannur University Teacher Education Centre, Dharmasala –submission of proposal for conducting value added course for 2023-24-reg.

With reference to the subject cited above, I am submitting herewith the proposal for conducting value added course for 2023-24.

TEACHER EDUCATION CENTRE, KANNUR UNIVERSITY
DHARMASALA
Date

Yours faithfully

Course Director

COURSE DIRECTOR (B.Ed)
TEACHER EDUCATION CENTRE
UNIVERSITY CAMPUS, DHARMASALA
KANNUR- 670567

Encl: 1. Proposal

KANNUR UNIVERSITY TEACHER EDUCATION CENTRE, DHARMASALA

VALUE ADDED COURSE: SOFT SKILL DEVELOPMENT

Name of the Department	KANNUR UNIVERSITY TEACHER EDUCATION CENTRE, DHARMASALA
Course Name	SOFT SKILLS DEVELOPMENT
Course Code	
Duration	30 hours
About the Course	Value Added Course "Soft Skills Development" for the prospective teachers of the teacher education centre aims to inculcate human values and instil necessary personal and social skills to enrich the wellbeing of an individual and the society. The course provides an opportunity for the stakeholders to strengthen their capacities to meet the challenges of the present and future. Knowing and managing one's soft skills establish the basis for attaining the necessary qualities for life. Hence, this course facilitates to build the archetypes of a successful personality under all walks of life. It will be useful for their personal and professional career.
Course Objectives	Soft skills include good work ethics, sound and positive attitude, eagerness/curiosity to learn, culturalsensitivity, fine business manners and values including effective communication skills. Aftercompleting the course students will be able to present themselves in effective and attractive manner.
Course Outcomes	On successful completion of the course, the students will be able to • Understand the significance of soft skill • Understand the uniqueness of skills sets that are necessary for success • Analyse the emotions of one's own and others • Deal with nerves and think more positively about public speaking • Use body language and tone of voice to enhance their presentations
Course Content	Module 1: Introduction to Soft Skills Module 2: Self Management Module 3: Interpersonal Skill Development Module 4: Time Management Concept and Technique Module 5: Presentation skill
Tentative list of resource persons	Faculties from Department of Education of various state and Central universities (Central University of Kerala, NCERT-Regional Institute of Education-Mysore, Tata Institute of Social Science, Calicut University, Kannur University, etc.)
Mode of Conduct	Hybrid mode

KANNUR UNIVERSITY

VALUE ADDED COURSES – 2023-24

Name of the Department	Department of Management Studies
Course Name	**Certificate Course in Advanced Excel**
Course Code	(will be given by University)
Duration	30 hours
About the course:	This course intends to provide students with skills in using Microsoft Excel
Course Objectives:	This Advanced Excel course is expected to help in working with databases in Microsoft Excel.
Course Outcomes:	• Use advanced functions and productivity tools to assist in developing worksheets • Manipulate data lists using Outline, Autofilter and PivotTables • Use Consolidation to summarise and report results from multiple worksheets
Course Content	**Module I** Overview of the Basics of Excel, Basic Formula - Add, Subtract, Multiply, Divide, BODMAS / Formula Error Checking, Sum Function. **Module II** LOOKUP Functions, PivotTables, Logical Functions, Statistical Functions, Math & Trigonometry Functions **Module III** Chart Data Techniques, Text Functions, Advanced Filtersand Sorting, Summarizing Data, Custom Views
Tentative list of resource persons:	Mr. Radeesh Kutty Microsoft Certified Trainer Active Edu Foundation Bangalore
Estimated Expenditure	Rs. 30,000/ (For Resource Person)

Head
Department of Management Studies
Kannur University
Thalassery Campus, Palayad P. O.