



IQAC DEVASWOM BOARD COLLEGE, THALAYOLAPARAMBU

(NAAC Accredited with B+ Grade with CGP 2.60)

KOTTAYAM

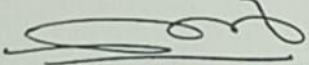
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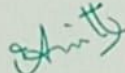
UGC - HRDC, UNIVERSITY OF KERALA, THIRUVANANTHAPURAM

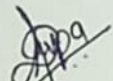
Certificate


FACULTY DEVELOPMENT PROGRAMME

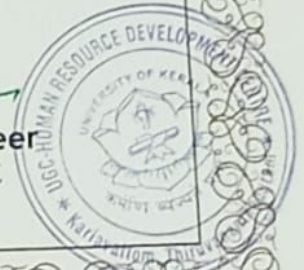
This is to certify that Dr. ARYAMBIKA S.V. Assistant / Associate Professor
..... M.G. College, Thiruvananthapuram, Kerala
participated and successfully completed the One Week online Short Term Faculty Development Programme
in "Digital Learning - New Normal Mode" which was delivered as MOOC with four quadrants, organised by
DEVASWOM BOARD COLLEGE, THALAYOLAPARAMBU, in collaboration with UGC - HRDC, UNIVERSITY OF
KERALA, THIRUVANANTHAPURAM from September 4th to 10th 2020.


Lt Dr. Hari Narayanan G
Chief Coordinator


Dr. R Anitha
Principal


Dr. Deepa C. S
Coordinator, IQAC


Prof. Dr. S. V. Sudheer
Director, UGC - HRDC



Principal
Devaswom Board College
Thalayolaparambu



ज्ञान-विज्ञानं विमुक्तये

UNIVERSITY GRANTS COMMISSION



HUMAN RESOURCE DEVELOPMENT CENTRE

UNIVERSITY OF KERALA

UGC-SPONSORED SHORT-TERM COURSE IN STUDENT COUNSELLING AND MENTORING

CERTIFICATE OF PARTICIPATION

This is to certify that Dr. Anil Kumar B., Assistant Professor, Department of Economics, Mahatma Gandhi College, Thiruvananthapuram, participated in the UGC-Sponsored Live Online Short-Term Course in Student Counselling and Mentoring conducted by the UGC-Human Resource Development Centre, University of Kerala, Kariavattom, Trivandrum, from 20-08-2020 to 26-08-2020.




UGC-HRDC

Kariavattom

26-08-2020


Course Co-ordinator
Dr. Sonny José


Professor - Director
Prof. S. V. Sudheer



Guru Angad Dev
Teaching Learning Centre
A Centre of Ministry of Education
under PMMMNMTT



सत्यमेव जयते
Government of India
Ministry of Education



Bishop Moore College,
Mavelikara
Affiliated to the University
of Kerala

Certificate

12th January to 25th January 2021


TWO WEEK FACULTY DEVELOPMENT PROGRAM

Media and Art in Teaching and Learning (Interdisciplinary)

This is to certify that

AYYAPPADAS. B.O of MAHATMA GANDHI COLLEGE, THIRUVANANTHAPURAM

has **successfully completed** Two Week Online National Faculty Development Program jointly organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of Ministry of Education, Bishop Moore College, Mavelikara, Affiliated to the University of Kerala and St. John's College, Agra. This was conducted in online mode with full Two Week commitment through Live Sessions, Quizzes, Project and Assignments. This Online FDP is equivalent to Two week face to face FDP. The participant has obtained GRADE "A+" as required for promotion under CAS of UGC and AICTE.


Dr. Jaswinder Singh
Principal
S.G.T.B. Khalsa College
University of Delhi


Dr. Jacob Chandy
Principal
Bishop Moore College
Mavelikara


Dr. Vimal Rarh
National Coordinator
GAD-TLC of MoE

UNIQUE CERTIFICATE No: GAD-TLC/20-21/OFDP32/047



The Kerala State Higher Education Council

[Constituted by Kerala State Legislature by notification No.19536/Leg.Uni.3/2007/Law. Dated, Thiruvananthapuram 15th October 2007]

Science and Technology Museum Campus

Vikas Bhavan P.O., PMG, Thiruvananthapuram-695033

Website: www.kshec.kerala.gov.in, Email: heckerala@gmail.com

Phone 0471-2301290-93, Fax: 0471-2301290

Certificate of Participation

FDP-Online Education in HEI's

This is to certify that **Priya L. G., Assistant Professor, Department of Economics, Mahatma Gandhi College, Thiruvananthapuram** has participated in the One-week Faculty Development Programme (FDP) on **Online Education in Higher Education Institutions** conducted by the Faculty Development Centre of the Kerala State Higher Education Council (KSHEC), Thiruvananthapuram through online mode from **3rd to 7th August 2020** for the faculty members from the disciplines of Arts and Humanities in the universities and affiliated colleges.

Thiruvananthapuram
7th August, 2020



Dr. Rajan Varughese
Member Secretary



**UNIVERSITY GRANTS COMMISSION
HUMAN RESOURCE DEVELOPMENT CENTRE
(UGC-HRDC)**



Folio No. 2020/0473

KANNUR UNIVERSITY
KANNUR, KERALA-670 002.

**UGC - SPONSORED FACULTY INDUCTION PROGRAMME
CERTIFICATE**

This is to certify that **Dr. ANEESH V APPU**, Assistant Professor, Department of Psychology, Mahatma Gandhi College, Thiruvananthapuram, Kerala, affiliated to University of Kerala, has participated in the Online Faculty Induction Programme from 11-11-2020 to 10-12-2020 and obtained Grade A+ (A Plus)


Director



Co-ordinator


Vice Chancellor

Date... 10 DEC 2020



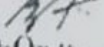
ज्ञान - विज्ञान विभक्तये


UNIVERSITY GRANTS COMMISSION

UGC : HUMAN RESOURCE DEVELOPMENT CENTRE
SAURASHTRA UNIVERSITY, RAJKOT, (GUJARAT)

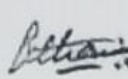
CERTIFICATE

This is to certify that **Dr. Syamlal GS**
Assistant Professor (Economics)
Mahatma Gandhi College, Thiruvananthapuram
affiliated to University of Kerala
participated in the Short Term Course - 33
"E-Content Development And Online Pedagogy"
from June 1st, 2020 to June 6th, 2020


Course Co-Ordinator


Professor-Director




Vice Chancellor

UGC SPONSORED ONLINE SHORT TERM COURSE
UGC HRC - SUR/UGC/HRDC/JRKT/2020



Guru Angad Dev
Teaching Learning Centre
A Centre of Ministry of Education
under PMMMNMTT



सत्यमेव जयते
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Internal Quality Assurance Cell
Sree Sankaracharya University of Sanskrit
Kalady, Ernakulam District, Kerala – 683574.

16 Days Workshop on E-Content Development in Sanskrit
(Faculty Development Programme)
10th to 27th of August, 2020

Certificate

This is to certify that

Dr. Aryambika S V

has participated and successfully completed the 16 Days Online Workshop on E Content Development in Sanskrit (Faculty Development Programme of 64 hours duration) organised by the Internal Quality Assurance Cell of the Sree Sankaracharya University of Sanskrit, Kalady, through the LMS platform of the University (<http://lms.ssus.ac.in>) from 10th to 27th of August, 2020.

Grade Secured :

Date : 27.08.2020



Mangay

Dr.Sangamesan K. M.
Co-ordinator

Dharmarajan

Dr.Dharmarajan P. K.
Vice Chancellor



Internal Quality Assurance Cell
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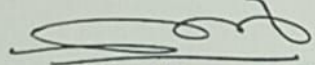
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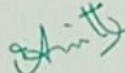
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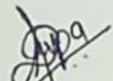
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Malaviya Mission Teacher Training Centre (MMTTC)

About UGC-HRDC:

MALAVIYA MISSION TEACHER TRAINING CENTRE (MMTTC), University of Kerala was instituted in 1987 by the UGC. The MMTTC now functions in the Golden Jubilee Building at Kariavattom with core Academic Staff consisting of a Professor who is also the Director and non-Academic Staff consisting of an Administrative Officer and a team of staff.

Along with many state-of-the-art facilities, UGC-Consortium for Educational Communication has provided Edusat facility to MALAVIYA MISSION TEACHER TRAINING CENTRE (MMTTC). Many teachers from different departments and the participants of Refresher Courses / Orientation Programmes are using this facility.

Faculty Development Programme on Goods and Service Tax

Programme Details:

- **Duration:** 27/07/2020 - 06/08/2020

Key Highlights

- **Comprehensive Understanding of GST:** The course provides a thorough understanding of the Goods and Service Tax system, including its structure, implementation, and impact on the economy.
- **Policy and Compliance:** Focuses on the latest policies, rules, and regulations related to GST, helping faculty members stay updated with current compliance requirements.
- **Practical Application:** Emphasizes the practical aspects of GST, including filing returns, calculating tax liabilities, and managing audits, enabling participants to apply their knowledge in real-world scenarios.
- **Case Studies and Examples:** Utilizes case studies and real-life examples to illustrate the complexities and practical challenges of GST implementation.

- **Interdisciplinary Insights:** Explores the intersection of GST with other financial and economic disciplines, providing a holistic view of its implications.
- **Collaboration and Networking:** Opportunities for networking with peers, industry experts, and policymakers, fostering collaborations and knowledge exchange.

Eligibility and Participation

- **Target Audience:** Faculty members from higher education institutions teaching finance, accounting, economics, business administration, and related disciplines.
- **Participation:** Limited to 40 participants to ensure an interactive and personalized learning experience. Selection will be based on the relevance of the participants' current roles and their potential to benefit from and contribute to the course.

Course Relevance

The Faculty Development Programme on Goods and Service Tax is highly relevant for faculty members in higher education for several reasons:

1. **Professional Development:** It provides an opportunity for faculty members to enhance their professional skills and knowledge in the area of taxation, particularly GST.
2. **Curriculum Enhancement:** Faculty members can incorporate the latest GST concepts, policies, and practices into their curriculum, enriching the learning experience for students.
3. **Industry Relevance:** The course ensures that faculty members are well-versed in current GST practices, making them more relevant and effective in preparing students for careers in finance, accounting, and related fields.
4. **Research Opportunities:** Encourages faculty members to engage in research related to GST, exploring its impact on various sectors and contributing to the academic discourse on taxation and public finance.
5. **Policy Understanding:** Enhances understanding of the policy-making process and the economic implications of GST, enabling faculty to teach these aspects more effectively.
6. **Practical Skills:** Equips faculty members with practical skills in GST compliance and management, which they can pass on to their students, making them better prepared for real-world challenges.

7. **Interdisciplinary Approach:** Promotes an interdisciplinary approach, connecting GST with broader economic and financial concepts, which is essential for comprehensive education in these fields.
8. **Academic Networking:** Facilitates the establishment of professional networks, leading to potential collaborations and the sharing of best practices among educators and researchers in the field of taxation.

Overall, this faculty development programme is a valuable opportunity for faculty members to deepen their understanding of GST, enhance their teaching and research capabilities, and contribute more effectively to the academic and professional communities in finance and taxation.

[Human Resource Development Centre, University of Kerala](#)

Contact Us:

UGC- Human Resource Development Centre,
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Refresher Course in Hindi Language and Literature

Programme Details:

- **Duration:** 07/01/2021 - 20/01/2021

Key Highlights

- **Enhancement of Teaching Skills:** This course is designed to update and enhance the teaching methodologies and skills of faculty members in the domain of Hindi language and literature. It will cover the latest pedagogical techniques and innovative approaches to teaching.
- **Curriculum Development:** Participants will gain insights into modern curriculum development strategies that align with contemporary educational needs and standards.
- **Research Opportunities:** The course will provide opportunities to explore recent research trends in Hindi literature and language studies, fostering a deeper understanding of the subject.
- **Interdisciplinary Approach:** Emphasis on the interdisciplinary nature of Hindi studies, integrating aspects of history, culture, and linguistics to offer a holistic perspective.

- **Networking and Collaboration:** Facilitates networking among peers and experts, promoting academic collaboration and exchange of ideas.

Eligibility and Participation

- **Target Audience:** Faculty members from higher education institutions teaching Hindi language and literature.
- **Participation:** Limited to 40 participants to ensure an interactive and engaging learning experience. Participants will be selected based on their relevance to the course and their potential to contribute to and benefit from the programme.

Course Relevance

The Refresher Course in Hindi Language and Literature is highly relevant for faculty members in higher education for several reasons:

1. **Professional Development:** It supports continuous professional development, ensuring that faculty members stay updated with the latest advancements and methodologies in their field.
2. **Quality Education:** By enhancing the teaching and research capabilities of faculty, the course contributes to the overall quality of education offered to students.
3. **Cultural Preservation:** It plays a crucial role in preserving and promoting Hindi language and literature, which is an integral part of India's cultural heritage.
4. **Academic Excellence:** The course fosters academic excellence by encouraging scholarly activities and research among faculty members, leading to a more enriched academic environment.
5. **Policy Alignment:** Aligns with the educational policies that emphasize the importance of regional languages and literature in the curriculum.

Overall, this refresher course is a valuable opportunity for faculty members to enhance their skills, expand their knowledge, and contribute more effectively to the academic community and the promotion of Hindi language and literature.

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Induction Programme for Faculty Members

Programme Details:

- **Duration:** 02/11/2020 - 01/12/2020

Key Highlights

- **Comprehensive Introduction to Academia:** Provides a thorough introduction to the academic environment, roles, and responsibilities of faculty members.
- **Teaching Pedagogy:** Focuses on effective teaching strategies, classroom management, and innovative pedagogical approaches to enhance learning outcomes.
- **Research Skills Development:** Offers training in research methodologies, proposal writing, and publication strategies to build strong research capabilities.
- **Educational Technology:** Introduces the use of modern educational technologies and digital tools to facilitate interactive and engaging learning experiences.

- **Professional Ethics:** Emphasizes the importance of professional ethics, academic integrity, and the ethical conduct of research.
- **Student Engagement:** Covers techniques for engaging and motivating students, fostering an inclusive and supportive learning environment.
- **Institutional Policies and Procedures:** Provides insights into institutional policies, governance structures, and administrative procedures relevant to faculty roles.
- **Collaboration and Networking:** Opportunities for networking with peers and senior faculty, promoting collaboration and mentorship.

Eligibility and Participation

- **Target Audience:** Newly appointed faculty members from higher education institutions across all disciplines.
- **Participation:** Limited to 40 participants to ensure an interactive and personalized learning experience. Selection will be based on the relevance of the participants' current roles and their potential to benefit from and contribute to the programme.

Course Relevance

The Induction Programme for Faculty Members is highly relevant for faculty members in higher education for several reasons:

1. **Smooth Transition:** Helps new faculty members transition smoothly into their academic roles by providing them with the necessary knowledge and skills.
2. **Teaching Effectiveness:** Equips faculty with effective teaching methodologies, enhancing their ability to deliver high-quality education and improve student learning outcomes.
3. **Research Competence:** Strengthens research skills, enabling faculty to contribute to their fields through high-quality research and publications.
4. **Technological Proficiency:** Familiarizes faculty with modern educational technologies, enhancing their ability to create engaging and interactive learning environments.
5. **Professional Development:** Encourages continuous professional development by emphasizing the importance of ethics, integrity, and lifelong learning.
6. **Student-Centered Approach:** Focuses on student engagement and support, helping faculty create a positive and inclusive classroom atmosphere.

7. **Institutional Understanding:** Provides a comprehensive understanding of institutional policies and procedures, enabling faculty to navigate their roles effectively.
8. **Networking and Support:** Facilitates the establishment of professional networks and mentorship relationships, promoting collaboration and support among faculty members.

Overall, this induction programme is a valuable opportunity for newly appointed faculty members to acquire essential skills, enhance their teaching and research capabilities, and contribute effectively to their academic institutions.

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Short term course "Implementation of information and communication technology in teaching"

Programme Details:

- **Duration:** 25/07/2020 - 10/08/2020

Key Highlights

- **Effective Online Teaching:** The course provides training on how to manage online classes efficiently, using various digital tools and platforms to enhance the teaching and learning experience.
- **MOOC Creation:** Focuses on the principles and practices of creating Massive Open Online Courses (MOOCs), including course design, content development, and delivery.
- **Interactive Learning Environments:** Emphasizes the creation of interactive and engaging online learning environments to foster student participation and engagement.

- **Assessment and Evaluation:** Covers techniques for online assessment and evaluation, ensuring that learning outcomes are effectively measured and achieved.
- **Content Development:** Guidance on developing high-quality educational content, including multimedia resources, videos, and interactive modules.
- **Technological Integration:** Training on integrating various technologies into online teaching, such as Learning Management Systems (LMS), video conferencing tools, and collaborative platforms.
- **Collaboration and Networking:** Opportunities for networking with peers and experts, facilitating the exchange of ideas and collaboration on online teaching projects.

Eligibility and Participation

- **Target Audience:** Faculty members from higher education institutions across all disciplines who are involved in or interested in online teaching and MOOC development.
- **Participation:** Limited to 40 participants to ensure an interactive and personalized learning experience. Selection will be based on the relevance of the participants' current roles and their potential to benefit from and contribute to the course.

Course Relevance

The course on “Managing Online Classes and Co-creating MOOCS 3.0” is highly relevant for faculty members in higher education for several reasons:

1. **Adapting to Modern Education Trends:** The course equips faculty members with the necessary skills to adapt to the growing trend of online education, ensuring they remain effective and relevant in the digital age.
2. **Enhancing Teaching Skills:** Faculty members gain advanced skills in managing online classes, making their teaching methods more dynamic and engaging.
3. **MOOC Development Expertise:** Provides detailed training on creating MOOCs, enabling faculty to reach a broader audience and contribute to lifelong learning opportunities for students globally.
4. **Student Engagement:** The course emphasizes creating interactive and engaging online environments, which can significantly enhance student motivation and participation.
5. **Assessment Proficiency:** Training on online assessment techniques ensures that faculty can accurately measure and evaluate student learning outcomes.

6. **Content Creation:** Guidance on developing high-quality digital content helps faculty members create effective and appealing educational materials.
7. **Technological Integration:** Faculty members learn to effectively integrate various technologies into their teaching, improving the overall learning experience for students.
8. **Professional Development:** Continuous professional development is essential for educators, and this course provides valuable skills that enhance their teaching practice.
9. **Networking and Collaboration:** The course facilitates the establishment of professional networks, leading to potential collaborations and the sharing of best practices among educators and researchers.

Overall, this course is a valuable opportunity for faculty members to enhance their skills in managing online classes and creating MOOCs, improving their teaching effectiveness and contributing to the advancement of online education

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Online Refresher Course in Human Rights

Programme Details:

- **Duration:** 11/09/2020 - 24/09/2020

Key Highlights

- **Comprehensive Understanding of Human Rights:** The course provides an in-depth exploration of the principles, history, and current issues in human rights.
- **Interdisciplinary Approach:** Covers the intersection of human rights with various disciplines such as law, political science, sociology, and international relations.
- **Current Issues and Case Studies:** Focuses on contemporary human rights issues, using case studies to illustrate real-world applications and challenges.
- **Legal Frameworks:** Detailed examination of national and international human rights laws, treaties, and conventions.

- **Advocacy and Implementation:** Training on human rights advocacy, policy-making, and the implementation of human rights standards in different contexts.
- **Ethical Considerations:** Emphasizes the ethical dimensions of human rights practice and research.
- **Research Methodologies:** Provides insights into research methodologies specific to human rights studies, enhancing the ability to conduct meaningful research.
- **Collaboration and Networking:** Opportunities for virtual networking with peers, experts, and human rights organizations, fostering collaborations and knowledge exchange.

Eligibility and Participation

- **Target Audience:** Faculty members from higher education institutions teaching law, political science, sociology, international relations, and related disciplines.
- **Participation:** Limited to 40 participants to ensure an interactive and personalized learning experience. Selection will be based on the relevance of the participants' current roles and their potential to benefit from and contribute to the course.

Course Relevance

The Online Refresher Course in Human Rights is highly relevant for faculty members in higher education for several reasons:

1. **Enhanced Knowledge:** The course provides faculty members with advanced knowledge of human rights, enabling them to teach this complex and evolving subject more effectively.
2. **Curriculum Development:** Faculty can incorporate the latest human rights issues, legal frameworks, and case studies into their curriculum, making their courses more relevant and engaging for students.
3. **Research Advancement:** Encourages faculty members to engage in human rights research, contributing to the academic discourse and promoting awareness of human rights issues.
4. **Interdisciplinary Insights:** The interdisciplinary approach helps faculty members understand how human rights intersect with other fields, broadening their perspective and teaching scope.
5. **Practical Application:** Training on advocacy and policy-making equips faculty members with practical skills to promote human rights in their communities and institutions.

6. **Ethical Foundation:** Emphasizing ethical considerations ensures that faculty members conduct their teaching and research with a strong ethical foundation.
7. **Legal Proficiency:** Detailed knowledge of national and international human rights laws helps faculty members educate students on the legal aspects of human rights.
8. **Networking Opportunities:** The course facilitates the establishment of professional networks, leading to potential collaborations and the sharing of best practices among educators and human rights practitioners.

Overall, this online refresher course is a valuable opportunity for faculty members to deepen their understanding of human rights, enhance their teaching and research capabilities, and contribute effectively to the promotion and protection of human rights through education and advocacy.

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Online Short Term Course on Research Methodology

Programme Details:

- **Duration:** 22/07/2020 - 24/07/2020

Key Highlights

- **Comprehensive Overview:** The course provides a thorough overview of research methodologies, including qualitative, quantitative, and mixed methods research.
- **Research Design:** Focus on the principles of designing effective and rigorous research studies, including formulating research questions, hypotheses, and objectives.
- **Data Collection Techniques:** Exploration of various data collection methods such as surveys, interviews, experiments, and observations.
- **Data Analysis:** Introduction to data analysis techniques using statistical software, enhancing the ability to interpret and present research findings.

- **Ethical Considerations:** Emphasis on the ethical issues in research, including informed consent, confidentiality, and responsible conduct.
- **Publication and Dissemination:** Guidance on writing research papers, selecting appropriate journals, and the peer-review process for successful publication.
- **Interdisciplinary Approach:** Integration of research methodology principles across various disciplines, providing a holistic understanding.
- **Collaboration and Networking:** Opportunities for virtual networking with peers and experts, fostering collaborations and exchange of ideas.

Eligibility and Participation

- **Target Audience:** Faculty members from higher education institutions across all disciplines who are involved in or plan to engage in research activities.
- **Participation:** Limited to 40 participants to ensure an interactive and personalized learning experience. Selection will be based on the relevance of the participants' current roles and their potential to benefit from and contribute to the course.

Course Relevance

The Online Short Term Course on Research Methodology is highly relevant for faculty members in higher education for several reasons:

1. **Enhanced Research Skills:** The course equips faculty members with advanced research skills, enabling them to conduct high-quality research and contribute to their academic fields.
2. **Curriculum Development:** Faculty can incorporate the latest research methodologies into their curriculum, enriching the educational experience for students and preparing them for future research endeavors.
3. **Quality of Research:** By understanding robust research methodologies, faculty members can enhance the quality and reliability of their research outputs.
4. **Interdisciplinary Insights:** The course promotes an interdisciplinary approach to research, encouraging faculty to explore and apply research methods across various academic disciplines.
5. **Ethical Research Practices:** Emphasizing ethical considerations ensures that faculty members conduct research responsibly and maintain high ethical standards.
6. **Publication Success:** Guidance on the publication process increases the chances of faculty members successfully publishing their research, contributing to their professional growth and institutional reputation.

7. **Practical Application:** The practical aspects of the course, such as data collection and analysis, provide faculty members with hands-on experience that can be directly applied to their research projects.
8. **Academic Networking:** The course facilitates the establishment of professional networks, leading to potential research collaborations and the sharing of best practices among educators and researchers.

Overall, this short-term course is a valuable opportunity for faculty members to enhance their research methodology skills, improve the quality of their research, and contribute more effectively to the academic community.

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Refresher Course in "Physical Science"

Programme Details:

The "Refresher Course in Physical Science" is designed to provide faculty members with the latest knowledge and advancements in the field of physical sciences. This course aims to update educators on current trends, innovative research methodologies, and effective teaching practices in physical science. By participating in this course, faculty members will enhance their understanding of key concepts and develop new strategies to engage students in the learning process.

Relevance for Faculty Members in Higher Education:

Staying current with advancements in physical sciences is crucial for educators who strive to provide high-quality education. This course will help faculty members:

- Gain in-depth knowledge of recent developments in physical sciences.
- Improve their research skills by learning about new methodologies and technologies.

- Enhance their teaching techniques through exposure to innovative pedagogical approaches.
- Foster critical thinking and problem-solving skills in their students.
- Connect with peers and experts to share ideas and best practices.

Key Highlights:

- **Comprehensive Curriculum:** Topics include recent advancements in physics, chemistry, and earth sciences, as well as innovative teaching methods.
- **Expert Lectures:** Sessions conducted by renowned scientists and educators with extensive experience in physical sciences.
- **Research Methodologies:** Training in modern research techniques and tools to support faculty members' ongoing research projects.
- **Interactive Workshops:** Hands-on sessions to apply new knowledge and techniques in practical scenarios.

Eligibility and Participation:

The programme is open to university and college teachers, researchers, and professionals in higher education institutions who are involved in teaching or research in physical sciences. The number of participants is restricted to 40 to ensure effective learning and personalized attention.

Course Duration:

- **Start Date:** 09/10/2020
- **End Date:** 22/10/2020

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Refresher Course in Chemistry

Programme Details:

- **Duration:** 11/01/2020 - 24/01/2020

Key Highlights

- **Advanced Subject Knowledge:** The course will cover recent advancements and developments in various branches of chemistry, including organic, inorganic, physical, and analytical chemistry.
- **Innovative Teaching Techniques:** Participants will be introduced to innovative teaching methodologies and strategies to effectively engage students in learning complex chemical concepts.
- **Research Skills Enhancement:** The course aims to enhance the research skills of faculty members by providing insights into cutting-edge research areas and methodologies in chemistry.

- **Laboratory Practices:** Emphasis on modern laboratory techniques and safety protocols, ensuring that faculty members can conduct and supervise laboratory work effectively.
- **Interdisciplinary Integration:** Integration of chemistry with other scientific disciplines, highlighting its applications in fields such as environmental science, materials science, and biochemistry.
- **Collaboration and Networking:** Opportunities for networking with peers and experts, fostering collaborations that can lead to joint research projects and academic partnerships.

Eligibility and Participation

- **Target Audience:** Faculty members from higher education institutions teaching chemistry.
- **Participation:** Limited to 40 participants to ensure an interactive and personalized learning experience. Selection will be based on the relevance of the participants' current roles and their potential to benefit from and contribute to the course.

Course Relevance

The Refresher Course in Chemistry is highly relevant for faculty members in higher education for several reasons:

1. **Professional Development:** It provides continuous professional development opportunities, helping faculty members stay abreast of the latest trends, techniques, and research in chemistry.
2. **Quality Improvement:** By enhancing teaching and research capabilities, the course contributes to improving the overall quality of chemistry education provided to students.
3. **Research Advancement:** Encourages faculty members to engage in high-quality research, fostering a culture of scientific inquiry and innovation within their institutions.
4. **Practical Application:** Focuses on practical laboratory skills and modern experimental techniques, which are crucial for effective teaching and research in chemistry.
5. **Interdisciplinary Insight:** Offers a comprehensive understanding of how chemistry intersects with other scientific disciplines, promoting a holistic approach to science education.

6. **Academic Networking:** Facilitates the establishment of professional networks, leading to potential collaborations and the sharing of best practices among chemistry educators.

Overall, this refresher course is a valuable opportunity for faculty members to enhance their subject knowledge, improve their teaching and research skills, and contribute more effectively to the academic community and the advancement of chemical sciences.

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Refresher Course in Media and Art in Teaching Learning

Programme Details:

The "Media and Art in Teaching Learning" course aims to enhance the pedagogical skills of faculty members by integrating media and art into the teaching-learning process. This course is designed to help educators explore innovative teaching methods that leverage visual, auditory, and experiential learning techniques. By incorporating media and art, educators can create a more engaging and dynamic classroom environment, fostering better student participation and understanding.

Relevance for Faculty Members in Higher Education:

Incorporating media and art in teaching not only enriches the learning experience but also helps in addressing diverse learning styles among students. Faculty members will benefit from learning how to use various media tools, artistic methods, and creative approaches to make their teaching more effective. This course will enable educators to:

- Develop multimedia presentations that enhance lesson delivery.

- Use art and visual aids to simplify complex concepts.
- Foster critical thinking and creativity among students through interactive and artistic activities.
- Stay updated with the latest trends in educational technology and media applications.

Key Highlights:

- **Innovative Curriculum:** The course covers a range of topics including multimedia integration, digital storytelling, visual literacy, and the use of art in education.
- **Expert Lectures:** Sessions conducted by experienced educators and industry experts in media and art.
- **Hands-on Workshops:** Practical sessions to create and implement media and art-based teaching materials.
- **Collaborative Projects:** Opportunities for participants to work together on projects that apply media and art in teaching scenarios.

Eligibility and Participation:

The programme is open to university and college teachers, researchers, and professionals in higher education institutions who are interested in enhancing their teaching methods through media and art. The number of participants is restricted to 40 to ensure effective learning and personalized attention.

Course Duration:

- **Start Date:** 12/01/2021
- **End Date:** 25/01/2021

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Refresher Course in Short Term Course in Student Counselling and Mentoring

Programme Details:

This Refresher Course in Short Term Course in Student Counselling and Mentoring aims to provide faculty members with updated knowledge and advanced skills in student counselling and mentoring. The course is meticulously designed to address the evolving needs of faculty members, integrating modern pedagogical strategies, cutting-edge counselling methodologies, and interdisciplinary approaches to enhance their mentoring capabilities.

Key Highlights:

- **Advanced Curriculum:** Topics include innovative counselling methodologies, interdisciplinary research, and recent advancements in student mentoring.
- **Expert Lectures:** Sessions conducted by renowned faculty members and industry experts.
- **Practical Training:** Hands-on sessions to apply theoretical knowledge to practical scenarios.

- **Interactive Discussions:** Facilitating exchange of ideas and best practices among participants.

Eligibility and Participation:

The programme is open to university and college teachers, researchers, and professionals in higher education institutions. The number of participants is restricted to 40 to ensure effective learning and personalized attention.

Course Duration:

- **Start Date:** 20/08/2020
- **End Date:** 26/08/2020

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Refresher Course in Techno -Pedagogy Tools towards Digital Era of Teaching

Programme Details:

The "Techno-Pedagogy Tools towards Digital Era of Teaching" course aims to equip faculty members with the skills and knowledge necessary to integrate technological tools into their pedagogical practices. As education increasingly moves into the digital realm, it is crucial for educators to be adept at using technology to enhance teaching and learning. This course focuses on providing practical training in the use of various digital tools and platforms that can make teaching more effective, engaging, and accessible.

Relevance for Faculty Members in Higher Education:

In the current digital age, the ability to use technology effectively is essential for educators. This course will help faculty members:

- Understand the latest digital tools and platforms available for education.
- Learn how to create and manage online courses and virtual classrooms.

- Enhance their teaching methods through the use of interactive and multimedia content.
- Improve student engagement and participation with digital tools.
- Stay updated with the trends and best practices in digital education.

Key Highlights:

- **Innovative Curriculum:** The course covers topics such as Learning Management Systems (LMS), online assessment tools, virtual collaboration platforms, and multimedia content creation.
- **Expert Lectures:** Sessions conducted by experienced educators and industry experts in digital pedagogy.
- **Hands-on Workshops:** Practical training sessions to implement techno-pedagogical tools in real teaching scenarios.
- **Interactive Sessions:** Opportunities for participants to discuss and share best practices in digital teaching.

Eligibility and Participation:

The programme is open to university and college teachers, researchers, and professionals in higher education institutions who are interested in integrating technology into their teaching practices. The number of participants is restricted to 40 to ensure effective learning and personalized attention.

Course Duration:

- **Start Date:** 28/09/2020
- **End Date:** 11/10/2020

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Short term course "Implementation of information and communication technology in teaching"

Programme Details:

- **Duration:** 18/07/2020 - 24/07/2020

Key Highlights

- **Integration of ICT in Education:** The course focuses on the effective integration of Information and Communication Technology (ICT) into teaching practices, enhancing the overall educational experience.
- **Digital Tools and Platforms:** Introduction to various digital tools and platforms that can be used to create engaging and interactive learning environments.
- **Online Teaching Techniques:** Training on best practices for online teaching, including the use of Learning Management Systems (LMS), video conferencing tools, and other e-learning resources.

- **Content Creation:** Guidance on creating digital content such as multimedia presentations, videos, and online assessments to facilitate better learning outcomes.
- **Interactive Learning:** Emphasis on interactive and student-centered teaching approaches that leverage technology to foster active learning and collaboration.
- **Data Analytics in Education:** Overview of using data analytics to track and improve student performance and engagement.
- **Collaboration and Networking:** Opportunities for networking with peers and experts, facilitating the exchange of ideas and collaboration on ICT-driven educational initiatives.

Eligibility and Participation

- **Target Audience:** Faculty members from higher education institutions across all disciplines who are interested in integrating ICT into their teaching practices.
- **Participation:** Limited to 40 participants to ensure an interactive and focused learning environment. Selection will be based on the relevance of the participants' current roles and their potential to benefit from and contribute to the course.

Course Relevance

The Short Term Course on “Implementation of Information and Communication Technology in Teaching” is highly relevant for faculty members in higher education for several reasons:

1. **Enhanced Teaching Skills:** The course equips faculty members with the skills and knowledge needed to effectively incorporate ICT into their teaching, making their instructional methods more dynamic and engaging.
2. **Adaptation to Modern Education:** As education increasingly moves towards digital and hybrid models, this course helps faculty members stay current with the latest technological advancements and teaching strategies.
3. **Improved Student Engagement:** By using interactive digital tools and techniques, faculty can enhance student engagement, participation, and motivation, leading to better learning outcomes.
4. **Professional Development:** Continuous professional development is essential for educators, and this course provides valuable training that can be directly applied to their teaching practices.

5. **Efficiency and Productivity:** ICT tools can streamline administrative tasks, grading, and communication, allowing faculty members to focus more on teaching and mentoring students.
6. **Collaboration and Innovation:** The course fosters a culture of collaboration and innovation among faculty members, encouraging them to experiment with new teaching methodologies and share best practices.
7. **Data-Driven Decision Making:** Training on data analytics helps faculty members make informed decisions about their teaching strategies based on student performance and feedback.
8. **Future-Ready Education:** Prepares faculty members to meet the demands of future educational trends and challenges, ensuring that their teaching methods remain relevant and effective.

Overall, this short-term course is a valuable opportunity for faculty members to enhance their ICT skills, improve their teaching effectiveness, and contribute to the advancement of modern, technology-driven education.

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Short Term Course in Advanced Graph Theory

Programme Details:

- **Duration:** 16/12/2020 - 22/12/2020

Key Highlights

- **In-Depth Knowledge:** The course will delve into advanced topics in graph theory, covering areas such as graph algorithms, network theory, combinatorial optimization, and spectral graph theory.
- **Current Trends and Research:** Participants will be exposed to the latest research trends and developments in graph theory, providing them with up-to-date knowledge and research skills.
- **Application of Graph Theory:** Emphasis on the practical applications of graph theory in various fields such as computer science, biology, social sciences, and engineering.
- **Problem-Solving Techniques:** The course will highlight advanced problem-solving techniques and their applications in complex real-world problems.

- **Interdisciplinary Approach:** Integrating graph theory with other mathematical disciplines and applied sciences, fostering a comprehensive understanding of its utility.
- **Collaboration and Networking:** Opportunities for networking with peers and leading experts in the field, facilitating academic collaborations and exchange of ideas.

Eligibility and Participation

- **Target Audience:** Faculty members from higher education institutions teaching mathematics, computer science, and related disciplines.
- **Participation:** Limited to 40 participants to ensure an interactive and focused learning environment. Selection will be based on the relevance of the participants' current roles and their potential to contribute to and benefit from the course.

Course Relevance

The Short Term Course in Advanced Graph Theory is highly relevant for faculty members in higher education for several reasons:

1. **Professional Development:** It supports the continuous professional development of faculty members by providing them with advanced knowledge and skills in graph theory.
2. **Enhancing Teaching Quality:** The course equips educators with the latest methodologies and insights, which can be incorporated into their teaching to improve the quality of education provided to students.
3. **Research Enhancement:** By focusing on current research trends and problem-solving techniques, the course encourages faculty members to engage in high-level research, contributing to the academic community's body of knowledge.
4. **Practical Applications:** Understanding the applications of graph theory in various domains enables faculty members to teach their students how to apply theoretical concepts to solve practical problems.
5. **Interdisciplinary Learning:** The course promotes an interdisciplinary approach, encouraging faculty members to explore the connections between graph theory and other scientific and applied fields.
6. **Academic Networking:** Facilitates the establishment of professional networks, leading to potential research collaborations and the sharing of best practices among educators and researchers in the field.

Overall, this short-term course is a valuable opportunity for faculty members to deepen their understanding of advanced graph theory, enhance their teaching and research capabilities, and contribute more effectively to the academic and scientific communities.

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Faculty Development Programme in “Research Ethics and Characterisation techniques in materials science”

Programme Details:

- **Duration:** 09/09/2020 - 15/09/2020

Key Highlights

- **Ethical Research Practices:** The course emphasizes the importance of ethical standards in research, covering topics such as plagiarism, data fabrication, and the responsible conduct of research.
- **Advanced Characterisation Techniques:** Participants will learn about the latest characterisation techniques in materials science, including spectroscopy, microscopy, and diffraction methods.
- **Interdisciplinary Applications:** The course will explore how characterisation techniques can be applied across various fields, such as nanotechnology, biotechnology, and environmental science.

- **Practical Training:** Hands-on sessions and demonstrations of advanced equipment will provide practical training in the application of characterisation techniques.
- **Research Integrity:** Discussion of case studies and best practices to ensure research integrity and reproducibility in scientific investigations.
- **Collaboration and Networking:** Opportunities for networking with peers and leading experts, fostering collaborations and academic partnerships.

Eligibility and Participation

- **Target Audience:** Faculty members from higher education institutions involved in materials science, physics, chemistry, engineering, and related disciplines.
- **Participation:** Limited to 40 participants to ensure an interactive and personalized learning experience. Selection will be based on the relevance of the participants' current roles and their potential to contribute to and benefit from the course.

Course Relevance

The Faculty Development Programme on “Research Ethics and Characterisation Techniques in Materials Science” is highly relevant for faculty members in higher education for several reasons:

1. **Promotion of Ethical Research:** By emphasizing research ethics, the course helps faculty members instill a culture of integrity and responsible conduct in their students and research teams.
2. **Skill Enhancement:** The course provides faculty with advanced skills in characterisation techniques, enabling them to conduct high-quality research and effectively teach these methods to their students.
3. **Curriculum Development:** Faculty members can incorporate new knowledge and techniques into their curriculum, ensuring that students receive up-to-date and comprehensive education in materials science.
4. **Research Advancement:** By learning about the latest characterisation techniques, faculty members can advance their research capabilities, leading to more innovative and impactful scientific discoveries.
5. **Interdisciplinary Insight:** The course promotes an interdisciplinary approach, demonstrating how materials science techniques can be applied in various fields, thus broadening the scope of research and teaching.

6. **Practical Application:** Hands-on training and practical demonstrations enhance the ability of faculty members to apply advanced techniques in their own research and teaching laboratories.
7. **Academic Networking:** Facilitates the establishment of professional networks, leading to potential collaborations and the sharing of best practices among educators and researchers.
8. **Research Integrity:** By focusing on research integrity, the course helps prevent scientific misconduct and ensures the credibility and reliability of research findings.

Overall, this faculty development programme is a valuable opportunity for faculty members to enhance their understanding of research ethics and characterisation techniques, improve their teaching and research capabilities, and contribute more effectively to the academic and scientific communities in materials science.

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Faculty Development Programme Industrialisation, Corporate Sector and Development

Programme Details:

- **Duration:** 15/02/2021 - 27/02/2021

Key Highlights

- **Understanding Industrialisation:** In-depth exploration of the processes and impacts of industrialisation on economic growth and development.
- **Corporate Sector Dynamics:** Analysis of the role and dynamics of the corporate sector in driving economic progress and innovation.
- **Development Economics:** Examination of key theories and practices in development economics, with a focus on the interplay between industrialisation and corporate activities.

- **Policy and Regulation:** Insights into the policies and regulations that shape industrial and corporate environments, including international trade agreements, labor laws, and environmental regulations.
- **Case Studies and Practical Examples:** Use of case studies and real-world examples to illustrate the practical implications of industrial and corporate strategies on development.
- **Interdisciplinary Approach:** Integration of perspectives from economics, business studies, political science, and environmental studies to provide a holistic understanding of development.
- **Collaboration and Networking:** Opportunities for networking with peers, industry experts, and policymakers, fostering collaborations and knowledge exchange.

Eligibility and Participation

- **Target Audience:** Faculty members from higher education institutions teaching economics, business studies, political science, environmental studies, and related disciplines.
- **Participation:** Limited to 40 participants to ensure an interactive and focused learning environment. Selection will be based on the relevance of the participants' current roles and their potential to contribute to and benefit from the course.

Course Relevance

The Faculty Development Programme on Industrialisation, Corporate Sector, and Development is highly relevant for faculty members in higher education for several reasons:

1. **Enhanced Understanding of Economic Processes:** The course provides a comprehensive understanding of industrialisation and the corporate sector, which are critical drivers of economic development.
2. **Curriculum Enrichment:** Faculty members can integrate the latest knowledge and insights from the course into their curriculum, enriching the learning experience for students and making it more relevant to contemporary economic issues.
3. **Research Opportunities:** Encourages faculty members to engage in research on industrialisation and corporate sector dynamics, contributing to the academic discourse on economic development.

4. **Policy Insight:** Provides an understanding of the policy frameworks that govern industrial and corporate activities, enabling faculty to teach these aspects more effectively and to contribute to policy discussions.
5. **Practical Application:** The use of case studies and practical examples helps faculty members apply theoretical concepts to real-world scenarios, enhancing their teaching and research capabilities.
6. **Interdisciplinary Approach:** Promotes an interdisciplinary approach, connecting economic development with corporate strategies, policy-making, and environmental considerations.
7. **Academic Networking:** Facilitates the establishment of professional networks, leading to potential collaborations and the sharing of best practices among educators and researchers.
8. **Global Perspective:** The course offers a global perspective on industrialisation and corporate development, helping faculty members to understand and teach the international dimensions of these processes.

Overall, this faculty development programme is a valuable opportunity for faculty members to deepen their understanding of the complex relationships between industrialisation, the corporate sector, and economic development, enhancing their teaching, research, and contribution to the academic and policy-making communities.

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