



INTER-UNIVERSITY CENTRE FOR ASTRONOMY AND ASTROPHYSICS

Refresher Course on Astronomy and Astrophysics 2020

Certificate of participation

This is to certify that

Sheena Mary Y.

from *Fatima Mata National College (Autonomous), Kollam*

participated in the online Refresher Course on Astronomy and Astrophysics 2020 organized by the Teaching Learning Centre (TLC) of IUCAA from the 11th of May to the 12th of June 2020. The TLC is supported by the PMMMNMTT Scheme of MHRD, Government of India.

The participant was evaluated based on the material taught during the Refresher Course and performed satisfactorily.

Dhruba J. Saikia

Dhruba J Saikia

(for TLC)

Surhud More

Surhud More

(for Coordinators)



Teaching Learning Centre, Ramanujan College
University of Delhi

under the aegis of
MINISTRY OF HUMAN RESOURCE DEVELOPMENT
PANDIT MADAN MOHAN MALVAIYA NATIONAL MISSION ON TEACHERS AND TEACHING



This is to certify that

RATHEESH KUMAR R

of

Department of Physics, Fatima Mata National College, Kollam, Kerala

successfully completed a 4-Week Induction/Orientation Programme for
"Faculty in Universities/Colleges/Institutes of Higher Education"
from June 26 - July 24, 2020 and obtained
grade **A+**



[Blockchain Hash: 0x796853e991255326ce9027a7da6fc6d6795c2d3493b0fea7815f4bbaf89530dc](https://www.mhrd.gov.in/portal/Blockchain/verify/0x796853e991255326ce9027a7da6fc6d6795c2d3493b0fea7815f4bbaf89530dc)

Dr. S.P. AGGARWAL
Director, TLC
Principal, Ramanujan College

Dr. Alok Ranjan Pandey
Programme Director
Ramanujan College



Teaching Learning Centre, Ramanujan College
University of Delhi

under the aegis of
MINISTRY OF HUMAN RESOURCE DEVELOPMENT
PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING



This is to certify that

Mr RATHEESH KUMAR R.

of

**Department of Physics, Fatima Mata National College, Kollam, Affiliated
to University of Kerala**

successfully completed a 2-Week Faculty Development Programme on
"MANAGING ONLINE CLASSES AND CO-CREATING MOOCS 3.0"
from July 25 - August 10, 2020 and obtained
grade A+



[Blockchain Hash: 0x0af0bb935ac2ae1ff4d54bf36f234d7f4fa4a57bccf77d19a4283cea1d8b1041](https://www.verified.com/blockchain-hash/0x0af0bb935ac2ae1ff4d54bf36f234d7f4fa4a57bccf77d19a4283cea1d8b1041)

Dr. S.P. AGGARWAL
Director, TLC
Principal, Ramanujan College

Mr. Sahil Pathak
Convenor
Ramanujan College



Spoken Tutorial

Certificate of Participation

PANDIT **M** ADAN
OHAN
ALAVIYA
NATIONAL MISSION ON
TEACHERS AND TEACHING

This is to certify that **RATHEESH KUMAR R. Assistant Professor of Physics. Fatima Mata National College Kollam** has participated in **Faculty Development Programme** from **2020-08-27** to **2020-09-02** on **Python 3.4.3** organized by **Barnagar College** with course material provided by Spoken Tutorial Project, IIT Bombay.

This training is offered by the Spoken Tutorial Project, IIT Bombay, funded by the National Mission on Education through ICT, MHRD, Govt. of India.

Prof. Kannan M Moudgalya
IIT Bombay



Spoken Tutorial

Certificate for Completion of Python 3.4.3 Training

PANDIT **M** ADAN
OHAN
ALAVIYA
NATIONAL MISSION ON
TEACHERS AND TEACHING

This is to certify that **RATHEESH KUMAR R.** has successfully completed **Faculty Development Programme** on **Python 3.4.3** on **2020-09-05** organized by **Barnagar College** with course material provided by Spoken Tutorial Project, IIT Bombay.

SEBIKA KANGSHA BANIK through **Google Meet** from **Barnagar College** invigilated this examination.

This training is offered by the Spoken Tutorial Project, IIT Bombay, funded by the National Mission on Education through ICT, MHRD, Govt. of India.

Prof. Kannan M Moudgalya
IIT Bombay



Guru Angad Dev
Teaching Learning Centre
A Centre of MHRD
under PMMMNMTT



सत्यमेव जयते
Government of India
Ministry of Human Resource Development



Bishop Moore College,
Mavelikara
Affiliated to the University
of Kerala

Certificate

ONE WEEK FACULTY DEVELOPMENT PROGRAM

09-15 September 2020

Research Ethics and Characterisation Techniques in Materials Science

This is to certify that

RATHEESH KUMAR R., DEPARTMENT OF PHYSICS, FATIMA MATA NATIONAL COLLEGE, KOLLAM

has **successfully completed One Week National Faculty Development Program** jointly organized by Guru Angad Dev Teaching Learning Centre, S.G.T.B. Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD and Bishop Moore College, Mavelikara, Affiliated to the University of Kerala & St. John's College, Agra. This was conducted in online mode with one week's involvement spread across one month in a flexible mode. This online FDP is equivalent to one week face to face FDP. The one week's involvement included attendance during live/recorded sessions, hands on activities, submission of quizzes, assignments and project. The participant has obtained GRADE "A+" as required for promotion under CAS of UGC and AICTE.

Dr. Jacob Chandy
Principal
Bishop Moore College, Mavelikara

Dr. D. Sajan
Assistant Professor & Head
Department of Physics
Bishop Moore College, Mavelikara

Dr. Vimal Karh
National Coordinator
GAD TLC of MHRD



Guru Angad Dev
Teaching Learning Centre
A Centre of MHRD
under PMMMNMTT



सत्यमेव जयते
Government of India
Ministry of Human Resource Development



Bishop Moore College,
Mavelikara
Affiliated to the University
of Kerala

Certificate

ONE WEEK FACULTY DEVELOPMENT PROGRAM

09-15 September 2020

Research Ethics and Characterisation Techniques in Materials Science

This is to certify that

DR. SHEENA MARY Y., DEPARTMENT OF PHYSICS, FATIMA MATA NATIONAL COLLEGE

(AUTONOMOUS), KOLLAM

has **successfully completed One Week National Faculty Development Program** jointly organized by Guru Angad Dev Teaching Learning Centre, S.G.T.B. Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD and Bishop Moore College, Mavelikara, Affiliated to the University of Kerala & St. John's College, Agra. This was conducted in online mode with one week's involvement spread across one month in a flexible mode. This online FDP is equivalent to one week face to face FDP. The one week's involvement included attendance during live/recorded sessions, hands on activities, submission of quizzes, assignments and project. The participant has obtained GRADE "A+" as required for promotion under CAS of UGC and AICTE.

Dr. Jacob Chandy
Principal
Bishop Moore College, Mavelikara

Dr. D. Sajan
Assistant Professor & Head
Department of Physics
Bishop Moore College, Mavelikara

Dr. Vimal Karh
National Coordinator
GAD TLC of MHRD



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



सत्यमेव जयते
Government of India
Ministry of Education



Bishop Abraham Memorial
College, Thuruthicad
Affiliated to Mahatma Gandhi
University (MGU), Kottayam, India

Certificate

18th January to 30th January 2021

TWO WEEK FACULTY DEVELOPMENT PROGRAM

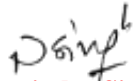
Innovative Practices for Academic Excellence (Multidisciplinary)

This is to certify that

DR. SUNIL THOMAS of FATIMA MATA NATIONAL COLLEGE (AUTONOMOUS), KOLLAM

has **successfully completed** Two Week Online National Faculty Development Program 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 in collaboration with Bishop Abraham Memorial College, Thuruthicad. This was conducted in online mode with two week's involvement in a flexible mode. This online FDP is equivalent to Two week face to face FDP. The two week's involvement included attendance during live/recorded sessions, hands on activities, submission of quizzes, assignments and project.

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. Biju T. George
Principal
B. A. M. College,
M. G. University, Kottayam


Dr. Vimal Rarh
National Coordinator
GAD-TLC of MoE

UNIQUE CERTIFICATE No: GAD-TLC/21-22/OFDP34/076



Teaching Learning Centre, Ramanujan College
University of Delhi
under the aegis of
MINISTRY OF EDUCATION
PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING



This is to certify that

Dr. Sunil Thomas

of

Department of Physics; Fatima Mata National College; Kollam; Kerala
successfully completed a 4-Week Induction/Orientation Programme for
“Faculty in Universities/Colleges/Institutes of Higher Education”
from *February 11 - March 13, 2021* and obtained
Grade A₊.



Blockchain Hash: 0x1d67555dadd3dbb6cd3714c25e92fc1906fe84db54ded3c2236f7214098c44d8

Dr. S.P. AGGARWAL
(Director, TLC)
Principal, Ramanujan College

Mr. Sahil Pathak
(Programme Convenor)
Ramanujan College



Teaching Learning Centre, Ramanujan College
University of Delhi
under the aegis of
MINISTRY OF EDUCATION
PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING



This is to certify that

Dr Ben Byju S

of

Department of Physics; Fatima Mata National College (Autonomous)
Kollam; Kerala

successfully completed a 4-Week Induction/Orientation Programme for
“Faculty in Universities/Colleges/Institutes of Higher Education”
from *February 11 - March 13, 2021* and obtained
Grade A₊.



Blockchain Hash: 0xa1d5b089d0201310d6e34c35ab9041fe84397b4db494986426cf054571280937

Dr. S.P. AGGARWAL
(Director, TLC)
Principal, Ramanujan College

Mr. Sahil Pathak
(Programme Convenor)
Ramanujan College



Teaching Learning Centre, Ramanujan College
University of Delhi

under the aegis of
MINISTRY OF EDUCATION

PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING



This is to certify that

Dr. Sachin P C

of

Department of Physics; Fatima Mata National College; Kollam
successfully completed a 4-Week Induction/Orientation Programme for
"Faculty in Universities/Colleges/Institutes of Higher Education"

from February 11 - March 13, 2021 and obtained

Grade A+.



Blockchain Hash: 0xf8c1ccdf1c759bdcf47acb0a68856ec42dde582f93a154c34d8bfb260ecf7d2

Dr. S.P. AGGARWAL
(Director, TLC)
Principal, Ramanujan College

Mr. Sahil Pathak
(Programme Convenor)
Ramanujan College



Teaching Learning Centre, Ramanujan College
University of Delhi
under the aegis of
MINISTRY OF EDUCATION
PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING



This is to certify that

Dr. BHAGYA UTHAMAN

of

**Department of Physics; Fatima Mata National College (Autonomous);
Kollam; Kerala**

successfully completed a 4-Week Induction/Orientation Programme for
“Faculty in Universities/Colleges/Institutes of Higher Education”

from *February 11 - March 13, 2021* and obtained

Grade A₊.



Blockchain Hash: 0xbf2cafd738bb7e22db2e139d40cca62dc8a3563c0c92f14b8d4096b672c5d09

Dr. S.P. AGGARWAL
(Director, TLC)
Principal, Ramanujan College

Mr. Sahil Pathak
(Programme Convenor)
Ramanujan College



ELECTRONICS & ICT ACADEMY
NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL, (T.S.), INDIA



and
INDIAN INSTITUTE OF INFORMATION TECHNOLOGY DESIGN AND MANUFACTURING KURNOOL

Participation Certificate

This is to certify that **Sunil Thomas, Assistant Professor**
from **Fatima Mata National College, Kollam**

has participated in a 40-hour Online Faculty Development Programme on **"NANOMATERIALS : EXPERIMENTAL DESIGN & THEORETICAL MODELING"** organised by E&ICT Academy, NIT Warangal and Indian Institute of Information Technology Design and Manufacturing Kurnool during 13th -20th February, 2021. She / He has successfully completed all the requirements for the completion of the programme.

Ce.

Dr. D. Murali
Coordinator,
IIITDM Kurnool.

Dr. D. Amarnatha Reddy

Dr. D. Amarnatha Reddy
Coordinator,
IIITDM Kurnool

Prof. R.B.V. Subramaanyam

Prof. R.B.V. Subramaanyam
Chief Investigator, E&ICT Academy
NIT Warangal

Prof. D. V. L. N. Somayajulu

Prof. D. V. L. N. Somayajulu
Director,
IIITDM Kurnool

Prof. N.V. Ramana Rao

Prof. N.V. Ramana Rao
Director,
NIT Warangal



BHAVAN'S VIVEKANANDA COLLEGE
OF SCIENCE, HUMANITIES & COMMERCE
SAINIKPURI, SECUNDERABAD - 500094
AUTONOMOUS COLLEGE, AFFILIATED TO O.U.
ACCREDITED WITH 'A' GRADE BY NAAC

Online
National Level 5 Day Faculty Development Programme
on
Material Characterization Techniques
Certificate of Participation

This is to certify that Dr./Mr./Ms. Sunil Thomas, Assistant Professor
of Fatima Mata National College, Kollam

has participated in the *National Level 5 Day Faculty Development Programme on "Material Characterization Techniques"* organized by Department of Physics & Electronics in association with Indian Association of Physics Teachers(IAPT) from 2nd - 6th March, 2021, under DBT-Star College Scheme.

Mrs. B. Niraimathi
Head, Dept. of Physics & Electronics

Dr. K. Anuradha
Coordinator, DBT-Star College Scheme

Prof. Y. Ashok
Principal



Teaching Learning Centre, Ramanujan College
University of Delhi

under the aegis of
MINISTRY OF HUMAN RESOURCE DEVELOPMENT
PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING



This is to certify that

Mrs. Sindhu V., Assistant Professor

of

Department of Mathematics, Fatima Mata National College, Kollam

successfully completed a 2-Week Faculty Development Programme on
"RESEARCH METHODOLOGY"
from October 01- October 15, 2020 and obtained a
grade A+



[Blockchain Hash: 0x59b701aa85176874830cd70064cf4b53e1a190936039105e5e5975481349b9de](https://www.mhrd.gov.in/portal/Blockchain-Hash/0x59b701aa85176874830cd70064cf4b53e1a190936039105e5e5975481349b9de)

Dr. S.P. AGGARWAL
Director, TLC
Principal, Ramanujan College

Mr. Sahil Pathak
Convenor
Ramanujan College



ज्ञान-विज्ञानं विमुक्तये

UNIVERSITY GRANTS COMMISSION

HUMAN RESOURCE DEVELOPMENT CENTRE



UNIVERSITY OF KERALA UGC-SPONSORED REFRESHER COURSE

CERTIFICATE OF PARTICIPATION

This is to certify that *Ms. Sindhu V., Assistant Professor, Department of Mathematics, Fatima Mata National College (Autonomous), Kollam*, participated in the UGC-Sponsored Live Online Refresher Course in *Mathematics* conducted by the UGC-Human Resource Development Centre, University of Kerala, Kariavattom, Trivandrum, from 03-12-2020 to 16-12-2020. The Grade awarded is*A*.....



UGC-HRDC

Kariavattom
16-12-2020

Course Co-ordinator
Prof. G. Suresh Singh

Professor - Director (I/c)
Prof. K. M. Sajad Ibrahim

Vice-Chancellor
Prof. V. P. Mahadevan Pillai



ज्ञान-विज्ञानं विमुक्तये

UNIVERSITY GRANTS COMMISSION

HUMAN RESOURCE DEVELOPMENT CENTRE



UNIVERSITY OF KERALA

UGC-SPONSORED REFRESHER COURSE

CERTIFICATE OF PARTICIPATION

This is to certify that *Ms. Sindhu V., Assistant Professor, Department of Mathematics, Fatima Mata National College (Autonomous), Kollam*, participated in the UGC-Sponsored Live Online Refresher Course in *Mathematics* conducted by the UGC-Human Resource Development Centre, University of Kerala, Kariavattom, Trivandrum, from 03-12-2020 to 16-12-2020. The Grade awarded is*A*.....



UGC-HRDC

Kariavattom
16-12-2020

Course Co-ordinator
Prof. G. Suresh Singh

Professor - Director (I/c)
Prof. K. M. Sajad Ibrahim

Vice-Chancellor
Prof. V. P. Mahadevan Pillai



Teaching Learning Centre, Ramanujan College
University of Delhi
under the aegis of
MINISTRY OF EDUCATION
PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING
in collaboration with **Department of Mathematics, Ramanujan College**



This is to certify that

Mrs. Ann Varghese

of

Department of Mathematics, Fatima Mata National College
(Autonomous), Kollam

has successfully completed TWO-WEEK REFRESHER COURSE IN
"MATHEMATICS" organized by "Department of
Mathematics, Ramanujan College"

from *16-30 March 2021*
and obtained Grade A+.



Blockchain Hash: 0x1323a5bb7313249fb72e441f3094f65de788d84d3a5cb754d8f0f5a6ce59670a

Dr. S.P. AGGARWAL
(Principal)
Ramanujan College

DR. RAJESH SINGH
(Convenor)
Ramanujan College

DR. VIRENDRA KUMAR
(Co-Convenor)
Ramanujan College





Teaching Learning Centre, Ramanujan College
University of Delhi
under the aegis of
MINISTRY OF EDUCATION
PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING



This is to certify that

Dr. Rosini B

of

**Dept. of Mathematics, Fatima Mata National College (Autonomous),
Kollam**

successfully completed TWO-WEEK INTERDISCIPLINARY REFRESHER
COURSE/FACULTY DEVELOPMENT PROGRAMME for

“ADVANCED RESEARCH METHODOLOGY Tools and Techniques”

from 30 January, 2021 - 14 February, 2021 and obtained
Grade A+.



Blockchain Hash: [0xc509b58af7a27acc1d71713b3a11bfbf0c2a157de118d15f5c9d825f843e55cb](https://www.blockchain.com/tx/0xc509b58af7a27acc1d71713b3a11bfbf0c2a157de118d15f5c9d825f843e55cb)

Dr. S.P. AGGARWAL
(Director, TLC)
Principal, Ramanujan College

Mr. Vipin Rathi
(Programme Director)
Ramanujan College





Teaching Learning Centre, Ramanujan College
University of Delhi
under the aegis of
MINISTRY OF EDUCATION
PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING
in collaboration with **Department of Mathematics, Ramanujan College**



This is to certify that

Ms. Anju A

of

Department of Mathematics, Fatima Mata National College, Kollam,
Kerala

has successfully completed TWO-WEEK REFRESHER COURSE IN
"MATHEMATICS" organized by "Department of
Mathematics, Ramanujan College"

from *16-30 March 2021*
and obtained Grade A₊.



Blockchain Hash: 0x5111ab3f80e503c0c9cf0269cce72abba677c1735e5f160194b39ff0867c8a9b

Dr. S.P. AGGARWAL
(Principal)
Ramanujan College

DR. RAJESH SINGH
(Convenor)
Ramanujan College

DR. VIRENDRA KUMAR
(Co-Convenor)
Ramanujan College



CERTIFICATE OF PARTICIPATION AND TRAINING

This is presented to

Dr Sajimon P.P

for participation in the webinar

Mentoring and Mental Health- Need Life Time and in Pandemic

23rd May 2021



Co-Founder

VRIDHI SHARMA



CERTIFICATE OF PARTICIPATION AND TRAINING

This is presented to

Dr Sajimon P.P

for participation in the webinar

Mentoring and Mental Health- Need Life Time and in Pandemic

23rd May 2021



Co-Founder

VRIDHI SHARMA



CERTIFICATE OF PARTICIPATION AND TRAINING

This is presented to

Dr Sajimon P.P

for participation in the webinar

Mentoring and Mental Health- Need Life Time and in Pandemic

23rd May 2021



Co-Founder

VRIDHI SHARMA





UGC - HRDC, UNIVERSITY OF KERALA, THIRUVANANTHAPURAM - 695581

In collaboration with

**KUMBALATHU SANKUPILLAI MEMORIAL
DEVASWOM BOARD COLLEGE, SASTHAMCOTTA - 690521**

CERTIFICATE

This is to certify that **Mrs. Sindhu V.**, Assistant Professor in Mathematics, Fatima Mata National College, Kollam has participated and successfully completed the One Week online **Short term Faculty Development Programme** (Interdisciplinary) on “**Towards a Digital Era of Teaching and Learning**” which was delivered as MOOC with four quadrants, organised by UGC-HRDC, University of Kerala, Thiruvananthapuram in collaboration with KSMDDB College, Sasthamcotta from August 12-18, 2020. The Grade awarded is ‘**A**’



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

Dr. K.S. Anil Kumar
Principal, Chief Coordinator

Dr. V. Jayasree
Coordinator, IQAC

Kumbalathu Sankupillai Memorial Devaswom Board College
(Re-accredited by NAAC with 'A' Grade (CGPA 3.20))

www.ksmdbc.ac.in

Sasthamcotta (P.O.) | Kollam (Dist.) | Kerala | Pin: 690521 | Mob. 8893220988 | e-mail: events@ksmdbc.ac.in



18th August 2020



UNIVERSITY GRANTS COMMISSION



HUMAN RESOURCE DEVELOPMENT CENTRE

UNIVERSITY OF KERALA UGC-SPONSORED REFRESHER COURSE

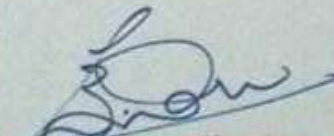
CERTIFICATE OF PARTICIPATION

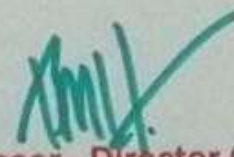
This is to certify that Dr. Sajimon P.P., Assistant Professor, Department of Psychology, Fatima Mata National College (Autonomous), Kollam, participated in the UGC-Sponsored Live Online Refresher Course in Education and Teaching Methods (Multidisciplinary) conducted by the UGC-Human Resource Development Centre, University of Kerala, Kariavattom, Trivandrum, from 17-03-2021 to 30-03-2021. The Grade awarded isA.....

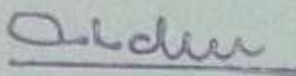


UGC-HRDC

Kariavattom
30-03-2021


Course Co-ordinator
Prof. Bindu R. L.


Professor - Director (i/c)
Prof. K. M. Sajad Ibrahim


Vice-Chancellor
Prof. V. P. Mahadevan Pillai



SWAYAM ARPIT ONLINE COURSE CERTIFICATION

This Certificate is awarded to

DR APSARA A P

for successfully completing the ARPIT Course for

Career Advancement Scheme(CAS) promotion

Online Refresher Course In Chemistry For Higher Education

with a "A" Grade in the proctored examination held on 16.02.2020

Sri Guru Tegh Bahadur Khalsa College, University of Delhi

Authorized Signatory of Institution (Course Coordinator)
Sri Guru Tegh Bahadur Khalsa College, University of Delhi

Authorized Signatory of AICTE

Date of Issue : 30/06/2020

www.swayam.gov.in



SWAYAM ARPIT ONLINE COURSE CERTIFICATION

This Certificate is awarded to

DR APSARA A P

for successfully completing the ARPIT Course for

Career Advancement Scheme(CAS) promotion

Online Refresher Course In Chemistry For Higher Education

with a "A" Grade in the proctored examination held on 16.02.2020

Sri Guru Tegh Bahadur Khalsa College, University of Delhi

Authorized Signatory of Institution (Course Coordinator)
Sri Guru Tegh Bahadur Khalsa College, University of Delhi

Authorized Signatory of AICTE

Date of Issue : 30/06/2020

www.swayam.gov.in




UNIVERSITY GRANTS COMMISSION
HUMAN RESOURCE DEVELOPMENT CENTRE
UNIVERSITY OF KERALA
UGC-SPONSORED SHORT-TERM COURSE IN ADVANCED GROUP THEORY
CERTIFICATE OF PARTICIPATION

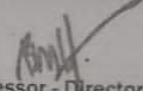


This is to certify that Dr. Apsara A. P., Assistant Professor, Department of Chemistry, Fatima Mata National College, Kollam, participated in the UGC-Sponsored Live Online Short-Term Course in Advanced Group Theory conducted by the UGC-Human Resource Development Centre, University of Kerala, Kariavattom, Trivandrum, from 16-12-2020 to 22-12-2020.



UGC-HRDC
Kariavattom
22-12-2020


Course Co-ordinator
Dr. Ramesh Kumar P.


Professor - Director (I/c)
Prof. K. M. Sajad Ibrahim



साम-विद्याय विमुक्तये

UNIVERSITY GRANTS COMMISSION

HUMAN RESOURCE DEVELOPMENT CENTRE



UNIVERSITY OF KERALA

UGC-SPONSORED SHORT-TERM COURSE IN RESEARCH METHODOLOGY

CERTIFICATE OF PARTICIPATION

This is to certify that Dr. Noeline B. Fernandez, Assistant Professor, Department of Chemistry, FMN College, Kollam, participated in the UGC-Sponsored one week Short-Term Course in Research Methodology conducted by the UGC-Human Resource Development Centre, University of Kerala, Kariavattom, Trivandrum, from 19-02-2020 to 25-02-2020.



UGC-HRDC

Kariavattom
25-02-2019

Course Co-ordinator
Prof. Gabriel Simon Thattil

Professor - Director
Prof. S. V. Sudheer



साम-विद्याय विमुक्तये

UNIVERSITY GRANTS COMMISSION

HUMAN RESOURCE DEVELOPMENT CENTRE



UNIVERSITY OF KERALA

UGC-SPONSORED SHORT-TERM COURSE IN RESEARCH METHODOLOGY

CERTIFICATE OF PARTICIPATION

This is to certify that Dr. Noeline B. Fernandez, Assistant Professor, Department of Chemistry, FMN College, Kollam, participated in the UGC-Sponsored one week Short-Term Course in Research Methodology conducted by the UGC-Human Resource Development Centre, University of Kerala, Kariavattom, Trivandrum, from 19-02-2020 to 25-02-2020.



UGC-HRDC

Kariavattom
25-02-2019

Course Co-ordinator
Prof. Gabriel Simon Thattil

Professor - Director
Prof. S. V. Sudheer



UGC - HRDC, UNIVERSITY OF KERALA, THIRUVANANTHAPURAM - 695581

In collaboration with

**KUMBALATHU SANKUPILLAI MEMORIAL
DEVASWOM BOARD COLLEGE, SASTHAMCOTTA - 690521**

CERTIFICATE

This is to certify that **Mrs NISHA THOMAS PANIKKAVEETIL**, Assistant Professor of Zoology, Fatima Mata National College, Kollam has participated and successfully completed the One Week online **Short term Faculty Development Programme** (Interdisciplinary) on “**Towards a Digital Era of Teaching and Learning**” which was delivered as MOOC with four quadrants, organised by UGC-HRDC, University of Kerala, Thiruvananthapuram in collaboration with KSMDB College, Sasthamcotta from August 12-18, 2020. The Grade awarded is ‘**A**’



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

Dr. K.S. Anil Kumar
Principal, Chief Coordinator

Dr. V. Jayasree
Coordinator, IQAC

Kumbalathu Sankupillai Memorial Devaswom Board College
(Re-accredited by NAAC with 'A' Grade (CGPA 3.20))

www.ksmdbc.ac.in

Sasthamcotta (P.O.) | Kollam (Dist.) | Kerala | Pin: 690521 | Mob. 8893220988 | e-mail: events@ksmdbc.ac.in



18th August 2020

CERTIFICATE

PROUDLY PRESENTED TO

Nisha Thomas Panikkaveetil

FDP on Outcome-Based Education

Oct 15, 2020

Date of Completion

InPods Ed-tech

Organizer

in pods



ST THOMAS COLLEGE
(Autonomous), Thrissur



UNIVERSITY OF CALICUT
Malappuram, Kerala

ONLINE COURSE ON
Research and Publication Ethics

◆◆◆◆◆ **Course Certificate** ◆◆◆◆◆

This is to certify that **Mrs Nisha Thomas Panikkaveetil** has successfully completed the online course on *Research and Publication Ethics*, jointly conducted by the Research Council and Department of Library and Information Studies of St Thomas College (Autonomous), Thrissur and, Directorate of Research, University of Calicut, held during 12.08.2020 - 05.10.2018.

Dr Chacko V.M. **Mr Sanjo Jose**
Course Coordinators

Dr Joy K.L.
Principal, St Thomas College, Thrissur



Dr Joby Thomas K.
Coordinator, Research Council

Dr M. Nasser
Director of Research, University of Calicut

Stanford | ONLINE

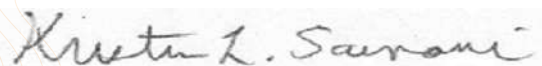
Nov 12, 2020

NISHA THOMAS
PANIKKAVEETIL

has successfully completed with honors

Writing in the Sciences

an online non-credit course authorized by Stanford University and offered through
Coursera



Kristin Sainani, PhD
Associate Professor
Health Research and Policy

COURSE
CERTIFICATE

WITH HONORS



Verify at coursera.org/verify/2VLUMFNMXBBF
Coursera has confirmed the identity of this individual and their
participation in the course.

Effective Teaching And Learning Through **MOODLE**



SREE NARAYANA COLLEGE, KOLLAM

Affiliated to the University of Kerala, NAAC Re-Accredited with 'A' Grade
Atal Ranking 'A' Band
in association with



The Kerala State Higher Education Council

Certificate

This is to certify that Dr P J Sarlin, Assistant Professor, Zoology, Fatima Mata National College (Autonomous) Kollam has successfully completed the Five Day Faculty Development Programme on "EFFECTIVE TEACHING AND LEARNING THROUGH MOODLE" which was delivered as MOOC with four quadrants, organized by the PG and Research Department of Physics combined with IQAC, Sree Narayana College, Kollam in association with The Kerala State Higher Education Council from 31 May 2021 to 4 June 2021.

Srijith S
Coordinator

Rehna R
Coordinator



Dr R Sunil Kumar
Principal

Rajan Varughese
Member Secretary, KSHEC

A SEVEN DAY NATIONAL LEVEL ONLINE FACULTY DEVELOPMENT PROGRAM ON Digital Pedagogy: Online Teaching Modes, Tools & Techniques



Organized by

DEPARTMENT OF ENGLISH AND FOREIGN LANGUAGES, BHARATHIAR UNIVERSITY, COIMBATORE.
&
PG AND RESEARCH DEPARTMENT OF ENGLISH, SOURASHTRA COLLEGE (AUTONOMOUS) MADURAI.

23-29th June, 2021

E- Participation Certificate

This is to Certify that Dr./ Mr./ Ms./ Dr P J Sarlin, Assistant Professor, Fatima Mata National College Kollam, Kollam actively participated in A Seven Day National Level Online Faculty Development Program on “**Digital Pedagogy: Online Teaching Modes, Tools & Techniques**” organized by the Department of English and Foreign Languages, Bharathiar University, Coimbatore and PG and Research Department of English, Sourashtra College (Autonomous), Madurai-4 from **23/06/21 to 29/06/21**.

Dr. P. Nagaraj

Associate Professor & Head,
Dept. of English and Foreign Languages,
Bharathiar University, Coimbatore.

Conveners

Dr. M. R. Rashila

Associate Professor & Head,
PG & Research Dept of English,
Sourashtra College, Madurai.

Dr. G. Vinoth Kumar

Assistant Professor,
Dept. of English and Foreign Languages,
Bharathiar University, Coimbatore.

Organizing
Secretaries

Dr. M. P. Ganesan

Assistant Professor,
PG & Research Dept of English,
Sourashtra College, Madurai.

FDP 2021



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]

LzhcDfU1sD

Certificate of Participation

This is to certify that

Dr. P.J Sarlin

Assistant Professor

Fathima Mata National College, Kollam.

has participated in the One-week (Five Days) Faculty Development Programme (FDP) on 'Hands-on training on Learning Management System (Moodle) and Course Design' conducted by the Faculty Development Centre of the Kerala State Higher Education Council (KSHEC) through online mode from 1st to 5th December, 2020.



Dr. Rajan Varughese
Member Secretary, KSHEC

Thiruvananthapuram 05 December 2020



SWAYAM ARPIT ONLINE COURSE CERTIFICATION

This Certificate is awarded to

DR APSARA A P

for successfully completing the ARPIT Course for

Career Advancement Scheme(CAS) promotion

Online Refresher Course In Chemistry For Higher Education

with a "A" Grade in the proctored examination held on 16.02.2020

Sri Guru Tegh Bahadur Khalsa College, University of Delhi

Authorized Signatory of Institution (Course Coordinator)
Sri Guru Tegh Bahadur Khalsa College, University of Delhi

Authorized Signatory of AICTE

Date of Issue : 30/06/2020

www.swayam.gov.in



UNIVERSITY GRANTS COMMISSION



HUMAN RESOURCE DEVELOPMENT CENTRE UNIVERSITY OF KERALA

UGC-SPONSORED SHORT-TERM COURSE IN ADVANCED GROUP THEORY CERTIFICATE OF PARTICIPATION

This is to certify that *Dr. Saraju Devi A., Assistant Professor, Department of Chemistry, FGMV College, Kollam, participated in the UGC-Sponsored Live Online Short-Term Course in Advanced Group Theory conducted by the UGC-Human Resource Development Centre, University of Kerala, Kariavattom, Trivandrum, from 16-12-2020 to 22-12-2020.*



UGC-HRDC

Kariavattom
22-12-2020


Course Co-ordinator
Dr. Ramesh Kumar P.


Professor - Director (I/c)
Prof. K. M. Sajad Ibrahim



ज्ञान-विज्ञानं विमुक्तये

UNIVERSITY GRANTS COMMISSION



HUMAN RESOURCE DEVELOPMENT CENTRE

UNIVERSITY OF KERALA

UGC-SPONSORED SHORT-TERM COURSE IN SOFT SKILL DEVELOPMENT PROGRAMME


CERTIFICATE OF PARTICIPATION

This is to certify that Dr. Mary Nancy T. E., Assistant Professor, Department of Chemistry, Fatima Mata National College, Kollam, participated in the UGC-Sponsored Live Online Short-Term Course in Soft Skill Development Programme conducted by the UGC-Human Resource Development Centre, University of Kerala, Kariavattom, Trivandrum, from 23-03-2021 to 29-03-2021.



UGC-HRDC

Kariavattom
29-03-2021


Course Co-ordinator
Dr. Sonny Jose


Professor - Director (I/c)
Prof. K. M. Sajad Ibrahim

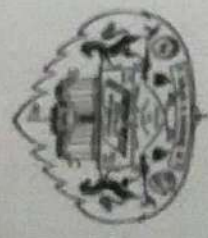
ABR'D'S

Faculty Development Centre
(PAHAMANAT)

UGC - Human Resource
Development Centre



Savitribai Phule Pune
University



2067101701

This is to Certify that

*Dr. Fernandez Noeline Bruno, Assistant Professor at
Fatima Mata National College, Kollam, affiliated to
University of Kerala has participated in Online Short Term
Faculty Development Program On Nanomaterials
Characterization Techniques And Results Analysis
Methodology: Ideas, Innovations & Initiatives (Chemistry) of
Five Days (30 contact hours) duration conducted at the Shikshan
Prasarak Sanstha's S.N. Arts, D. J. Malhani Commerce &
B.N. Sarda Science College, Sangamner from 27/07/2020 to
31/07/2020 Under the scheme of Pandit Madan Mohan
Malaviya National Mission on Teachers and Teaching.*

[Signature]
COORDINATOR

[Signature]
PRINCIPAL

[Signature]
DIRECTOR

[Signature]
REGISTRAR



INTERNAL QUALITY ASSURANCE CELL
FATIMA MATA NATIONAL COLLEGE

(Autonomous)
Kollam-1, State of Kerala, INDIA
www.iqac.fmnc.ac.in

CERTIFICATE

This is to certify that Prof^{Dr} APSARA A.P, Asst. Professor, Department
of Chemistry of FMN College, Kollam
..... successfully completed the one-week Online Training
Programme on 'Learning Management System', from 24 to 29 August, 2020, organized by IQAC,
Fatima Mata National College, Kollam.

Date: 18 September, 2020



Dr. Vincent B. Netto
Principal

INSTALLATION/DEMO/MAINTENANCE SERVICE REPORT

Name and address of Customer Dept of Chemistry, Fatima Mats
National College, Kollam, Kerala 9446130476
City KOLLAM State KERALA Contact No. 9446054169
Additional Details Contact person: Dr. Apsera AP
Industry Category P.G College Email apseraap@fmcne.ac.in

- *ENSURE:**
1. Input Voltage AC $237V$ (220-240 V-With Multi Meter)
 2. Neutral to Earth $2V$ (Should not be more than 2-4V)
 3. Phase to Earth $235V$ (Average input Voltage minus Neutral to Earth)
 4. Phase to Neutral $237V$ (Summation of Main to Earth and Neutral to Earth Voltage)
 5. Grounding of the Instrument... O.K. (If Metal Body)

Bill No. _____ Date _____
M/C Description Digital potentiometers - 2 NOS
M/C Description Digital photo color meter - 2 NOS
M/C Description Digital conductivity meters - 2 NOS
Model No. 118 Serial No. 21021074, 21021078
Model No. alpha 03 Serial No. 21020370, 21020368
Model No. alpha 06 Serial No. 20121541, 20120550
Service Contract _____ Expiry Date _____
Date of arrival of Service Engineer 19th March - 2021
Description of work done Installed & demonstrated all the above instruments satisfactorily. Calibrated with standards and checked results of samples.
Components / Spare Part used free / at Cost All results were found to be O.K. All instruments are working O.K.
Testing Results (Brief) _____

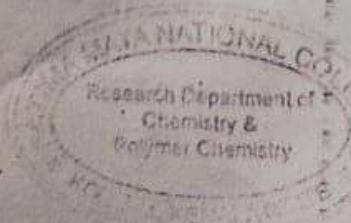
Supplied by: M/S Sree Kumar Lab Suppliers, Kollam
The above mentioned Instrument is working to our satisfaction

Signature of the customer

Name Dr. Apsera AP
Contact No. 9446130476
Email apseraap@gmail.com

Name of Engineer

Name CR Sasavadan P.G
Electronics and
Contact No. 9216676616





ST. TERESA'S COLLEGE (AUTONOMOUS), ERNAKULAM

RE-ACCREDITED BY NAAC WITH A++ GRADE AND CGPA 3.57 IN THE FOURTH CYCLE
COLLEGE WITH POTENTIAL FOR EXCELLENCE

Faculty Development Program on

ICT TOOLS IN TEACHING CHEMISTRY

Organised by

TERESIAN TEACHING LEARNING CENTRE
(AN IQAC INITIATIVE)

&

DEPARTMENT OF CHEMISTRY AND CENTRE FOR RESEARCH

CERTIFICATE

This is to certify that Mrs. SHERIN MOL C B, Assistant Professor, FATIMA MATA NATIONAL COLLEGE (AUTONOMOUS), KOLLAM has successfully completed the *Faculty Development Program on ICT Tools in Teaching Chemistry* conducted from *2nd September 2020 to 6th September 2020* through Online Mode and secured A grade with **91.1** percentage .

Dr. Lizzy Mathew
Principal

Dr. Kala M.S
IQAC Coordinator

Dr. Saritha Chandran A
Coordinator



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. Noeline B. Fernandez, Assistant Professor, Department of Chemistry, Fatima Mata National College, Kollam, 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 Coordinator
Dr. Sonny Jose

Professor - Director
Prof. S. V. Sudheer



ज्ञान-विज्ञानं विमुक्तये

UNIVERSITY GRANTS COMMISSION

HUMAN RESOURCE DEVELOPMENT CENTRE



UNIVERSITY OF KERALA

UGC-SPONSORED SHORT-TERM COURSE IN RESEARCH METHODOLOGY

CERTIFICATE OF PARTICIPATION

This is to certify that Dr. Noeline B. Fernandez, Assistant Professor, Department of Chemistry, FMN College, Kollam, participated in the UGC-Sponsored one week Short-Term Course in Research Methodology conducted by the UGC-Human Resource Development Centre, University of Kerala, Kariavattom, Trivandrum, from 19-02-2020 to 25-02-2020.



UGC-HRDC

Kariavattom
25-02-2019

Course Co-ordinator
Prof. Gabriel Simon Thattil

Professor - Director
Prof. S. V. Sudheer



ज्ञान-विज्ञानं विमुक्तये

UNIVERSITY GRANTS COMMISSION

HUMAN RESOURCE DEVELOPMENT CENTRE



UNIVERSITY OF KERALA

UGC-SPONSORED SHORT-TERM COURSE IN RESEARCH METHODOLOGY

CERTIFICATE OF PARTICIPATION

This is to certify that Dr. Manohar D. Mullassery, Assistant Professor, Department of Chemistry, FMN College, Kollam, participated in the UGC-Sponsored one week Short-Term Course in Research Methodology conducted by the UGC-Human Resource Development Centre, University of Kerala, Kariavattom, Trivandrum, from 19-02-2020 to 25-02-2020.



UGC-HRDC

Kariavattom
25-02-2019

Course Co-ordinator
Prof. Gabriel Simon Thattil

Professor - Director
Prof. S. V. Sudheer




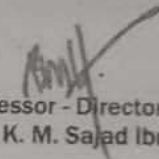
UNIVERSITY GRANTS COMMISSION
HUMAN RESOURCE DEVELOPMENT CENTRE
UNIVERSITY OF KERALA
UGC-SPONSORED SHORT-TERM COURSE IN ADVANCED GROUP THEORY
CERTIFICATE OF PARTICIPATION

This is to certify that Dr. Apsara A. P., Assistant Professor, Department of Chemistry, Fatima Mata National College, Kollam, participated in the UGC-Sponsored Live Online Short-Term Course in Advanced Group Theory conducted by the UGC-Human Resource Development Centre, University of Kerala, Kariavattom, Trivandrum, from 16-12-2020 to 22-12-2020.



UGC-HRDC
Kariavattom
22-12-2020


Course Co-ordinator
Dr. Ramesh Kumar P.


Professor - Director (I/c)
Prof. K. M. Sajad Ibrahim



ജാതം വിദ്യാതം വിമുക്തം

UNIVERSITY GRANTS COMMISSION

HUMAN RESOURCE DEVELOPMENT CENTRE



UNIVERSITY OF KERALA

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

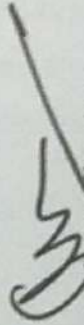
CERTIFICATE OF PARTICIPATION

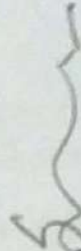
This is to certify that Dr. Manohar Mullassery D., Assistant Professor, Department of Chemistry, Fatima Mata National College, Kollam, participated in the UGC-Sponsored Live Online Short-Term Course in Student Counselling and Mentoring conducted by the UGC-Human Resource Development Centre, University of Kerala, Kariavattom, Trivandrum, from 20-08-2020 to 26-08-2020.



UGC-HRDC

Kariavattom
26-08-2020


Course Co-ordinator
Dr. Sonny Jose


Professor - Director
Prof. S. V. Sudheer