

6.3.3. Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

6.3.3.1. Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

HEI Input:

2022-23	2021-22	2020-21	2019-20	2018-19
32	25	35	36	23

DVV suggested Input :

2022-23	2021-22	2020-21	2019-20	2018-19
19	19	23	15	16

6.3.3.2. Number of non-teaching staff year wise during the last five years

HEI Input :

2022-23	2021-22	2020-21	2019-20	2018-19
4	3	2	4	4

DVV suggested Input :

2022-23	2021-22	2020-21	2019-20	2018-19
31	31	31	31	31

Query: Values have been updated in 6.3.3.2 for the no. of non-teaching staff as per the IIQA documents; Values have been updated in 6.3.3.1 as per the data template excluding the less than 5 days FDPs and also the multiple participation of the same faculty in an academic year has been considered as one as per NAAC SOP; Also excluding the FDPs organized beyond the assessment period has not been considered; HEI to provide circular , brochure, report , attendance sheet , details of resource person , participation certificate, geo-tagged photos with date and caption of the following FDPs : 1) "Faculty Development Program on Outcome Based Education" (2022-23) 2) Refresher Course (2022-23) 3) Workshop on computational modeling in chemistry, biology & materials (2021-22) 4) Orientation / Induction program (2021-22).

RESPONSE: As per the provided NAAC SOP, the values have been updated in 6.3.3.1. This includes excluding FDPs of less than 5 days and consolidating multiple participations of the

same faculty in an academic year as one. Additionally, programs organized beyond the assessment period have not been considered.

Regarding the requested documents for the following FDPs:

1. **Faculty Development Program on Outcome Based Education (2022-23)**
2. **Refresher Course (2022-23)**
3. **Workshop on Computational Modeling in Chemistry, Biology & Materials (2021-22)**
4. **Orientation/Induction Program (2021-22)**

Attached herewith please find the documents: Invitation, Schedule, Details of resource person and Certificates.



**UGC-HUMAN RESOURCE DEVELOPMENT CENTRE
PANJAB UNIVERSITY, CHANDIGARH**

UGC – SPONSORED REFRESHER COURSE

Sr.No. 1125to1147/221122

This is to certify that

Mumthaz T.M.V.

Assistant Professor (Zoology)

Sir Syed College,

Taliparamba

Affiliated to Kannur University

Participated in the Inter/Multidisciplinary Refresher Course in Environment Studies (All Disciplines)

From 09.11.2022 to 22.11.2022.

Obtained **Grade-A**

Dr. Rajeev Kumar

**(Coordinator, Deptt. of Environment
Studies, PU, CHD)**

Dr. Jayanti Dutta

(HRDC, PU, CHD)

Prof. Raj Kumar

(Vice-Chancellor)

University Grants Commission



UGC - Human
Resource
Development
Centre



Savitribai
Phule Pune
University

This is to Certify that

Dr. Haris. P, Assistant Professor at Sir Syed College, Taliparamba, affiliated to Kannur University has participated in the Refresher Course in Leadership & Governance in Higher Education (Physics) conducted at the UGC-Human Resource Development Centre, Savitribai Phule Pune University, Pune-411007, from 08/12/2022 to 21/12/2022 under the UGC Scheme and has obtained grade 'B'

COORDINATOR

DIRECTOR

REGISTRAR

Grade Scale : A+ : 85% and Above A : 70 - 84% B : 60 - 69% C : 50 - 59% F : 49%

" WE GALVANIZE ATTITUDE "

UGC

Ref No:HRDC/RCBSCs/2022/18114(1954)

HUMAN RESOURCE DEVELOPMENT CENTRE

Jamia Millia Islamia, New Delhi



Certificate Of Participation

UGC Sponsored Online Refresher Course in Basic Sciences

This is to certify that

Shackira AM, Assistant Professor (Botany)

Sir Syed College Taliparamba Kannur Kerala

participated in the Third Online Two-Week Refresher Course in Basic Sciences

organized by the UGC-HRDC, Jamia Millia Islamia, New Delhi

from 02 August to 18 August 2022 and obtained

grade ...A....

Dr. Romana Ishrat
Course Coordinator

Dr. Fareeda Athar
Course Coordinator

Prof. Anisur Rahman
Director

Prof. Nazim Husain Al-Jafri
Registrar



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



Folio No. 2021/0300

KANNUR UNIVERSITY
KANNUR, KERALA-670 002.

**UGC - SPONSORED FACULTY INDUCTION PROGRAMME
CERTIFICATE**

This is to certify that **Mrs. FASILA K**, Assistant Professor, Department of English, Sir Syed College, Taliparamba, Kannur, Kerala, affiliated to Kannur University, has participated in the Online Faculty Induction Programme from 23.11.2021 to 22.12.2021 and obtained Grade A

Director



Co-ordinator

Vice Chancellor

Date: 22 DEC 2021



Teaching Learning Centre, Ramanujan College
University of Delhi

in collaboration with
Shaheed Sukhdev College of Business Studies (SSCBS)
under the aegis of
MINISTRY OF EDUCATION

PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING



This is to certify that

FATHIMATHUL NITHASHA BEEGAM I

of

Sir Syed college, Taliparamba

successfully completed a 4-Week Induction/Orientation Programme for

“Faculty in Universities/Colleges/Institutes of Higher Education”

from *19 October – 18 November, 2021* and obtained

Grade B+.



Blockchain Hash: [0x9c8952b83d0d298210e4bd4760029099072b7c61ef26d695b537b71dcf5d3bc1](https://www.blockchain.com/tx/0x9c8952b83d0d298210e4bd4760029099072b7c61ef26d695b537b71dcf5d3bc1)

Prof. S. P. Aggarwal
(Principal & Director)
TLC, Ramanujan College

Dr. Poonam Verma
(Principal)
SS College of Business Studies



UNIVERSITY GRANTS COMMISSION

HUMAN RESOURCE DEVELOPMENT CENTRE

University of Mysore



UGC Sponsored Faculty Induction Programme (Online)

Certificate of Participation

This is to Certify that

Dr. Shackira A. M., Asst. Professor of Botany,

Sir Syed College, Taliparamba.

affiliated to Kannur University

Participated in the 3rd Faculty Induction Programme.

From 09.11.2021 To 06.12.2021 and obtained A Grade.

[Signature]

Director

[Signature]

Co-ordinator

[Signature]
Prof. G. Hemantha Kumar

Vice-Chancellor

Workshop on

Computational Modelling in Chemistry, Biology and Materials

making it mainstream

22-28 November 2021

CERTIFICATE

This is to certify that **Ms. SARAYU JAYADEVAN**, Assistant Professor from Department of chemistry, Sir Syed college Taliparamba has participated in the virtual workshop on “*Computational Modelling in Chemistry, Biology and Materials - Making it mainstream*” organized by the Department of Applied Chemistry, Cochin University of Science and Technology during 22- 28 November, 2021 sponsored by DST-SERB.



Dr. Susmita De
Co-ordinator

Dr. Susmita De
Assistant Professor
Department of Applied Chemistry
Cochin University of Science and Technology
Kochi - 682022, Kerala, India



Prof. K. Sreekumar
Head, Department of Applied Chemistry

Professor & Head
Dept. of Applied Chemistry

Kochi-22
28-11-2021



Science and Engineering Research Board (SERB)
Department of Science and Technology (DST)
Govt. of India



Cochin University of Science
and Technology, Kerala.



CELEBRATING KNOWLEDGE

Workshop on

Computational Modelling in Chemistry, Biology and Materials

making it mainstream

22-28 November 2021

CERTIFICATE

This is to certify that **Dr. Ashwani Kumar N**, Assistant Professor from **Chemistry, Sir Syed College Taliparamba** has participated in the virtual workshop on “*Computational Modelling in Chemistry, Biology and Materials - Making it mainstream*” organized by the Department of Applied Chemistry, Cochin University of Science and Technology during 22- 28 November, 2021 sponsored by DST-SERB.



Dr. Susmita De
Co-ordinator

Dr. Susmita De
Assistant Professor
Department of Applied Chemistry
Cochin University of Science and Technology
Kochi - 682022, Kerala, India



Prof. K. Sreekumar
Head, Department of Applied Chemistry

Professor & Head
Dept. of Applied Chemistry

Kochi-22
28-11-2021



Science and Engineering Research Board (SERB)
Department of Science and Technology (DST)
Govt. of India



Cochin University of Science
and Technology, Kerala.



CELEBRATING KNOWLEDGE



Rai University
EVOLVING THINKING MINDS
A LEADING RESEARCH DRIVEN UNIVERSITY



SASC
School of Arts, Science and Commerce

CERTIFICATE

OF PARTICIPATION

This is to certify that
SIDDIQUE K P
has successfully Participated in Faculty Development Programme Organized by School of Arts, Science and
Commerce and Internal Quality Assurance Cell (IQAC), Rai University, Ahmedabad, Gujarat-India
in Association with Inpods India, Pune.

on

OUTCOME BASED EDUCATION

held on 22nd to 24th July, 2020

Dr. Anil Tomar

Provost,
Rai University, Ahmedabad.

Prof. Veerendra Singh Nagoria

Dy. Registrar,
Rai University, Ahmedabad.

Prof. Pradeep Kumar Singh

Head, School of Arts, Science & Commerce
Rai University, Ahmedabad.



UGC - Human Resource Development Centre Sant Gadge Baba Amravati University



Inaugural Ceremony



Monday 10 October, 2022 at 11.00 am

UGC Sponsored

Refresher Course – Chemistry

(Theme – Theory, Research and Innovation in Chemical Education)



Gracious Presence

Dr. Rajendra Prasad

Professor & Head, Department of Chemistry
Sant Gadge Baba Amravati University



Chief Guest

Dr. Nasir Baig

Senior Research Scientist AMRI (Albany Molecular
Research Inc.) Albany, New York, United States



Chairman

Prof. Dileep N. Malkhede

Hon'ble Vice Chancellor,
Sant Gadge Baba Amravati University

R. S. V.P.

Prof. Prasad A. Wadegaonkar

Director, UGC – HRDC,
Sant Gadge Baba Amravati University

Dr. Manisha M. Kodape

Course Coordinator, Dept. of Chemistry,
Sant Gadge Baba Amravati University

Virtual Workshop on
**"Computational Modeling in Chemistry, Biology and Materials" -Making it
 Mainstream**

PROGRAMME SCHEDULE

22 nd November,2021 (Monday)		
TIME (IST)	SESSION	
14:00	Inaugural Address	Prof. K. N Madhusoodanan Hon'ble Vice-Chancellor CUSAT
14:30	Keynote Address	Prof. E. D. Jemmis Inorganic and Physical Chemistry Department IISc Bangalore, India
15:30	Plenary Lecture	Prof. Gernot Frenking Fachbereich Chemie Philipps-Universität Marburg, Marburg, Germany
16:30	Invited Lecture 1	Prof. Parameswaran Pattiyil Department of Chemistry NIT Calicut, India
23 rd November,2021 (Tuesday)		
10:30	Invited Lecture 2	Prof. Jayasree E. G. Head, Department of Chemistry University of Kerala, India
11:30	Invited Lecture 3	Dr. Dibyendu Mallick Department of Chemistry Presidency University, India
14:30	Invited Lecture 4	Dr. Pascale Maldivi CEA Senior Researcher SyMMES, UGA, France
15:30	Invited Lecture 5	Prof. Israel Fernandez Chemical Sciences, Universidad Complutense de Madrid, Spain
16:30	Invited Lecture 6	Prof. Neelanjana Sengupta Department of Biological Sciences, IISER Kolkata India



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Department of Science and Technology (DST)
Govt. of India



SCM
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Materials



24th November,2021 (Wednesday)		
10:30	Invited Lecture 7	Prof. Prasad V. Bharatam Department of Medicinal Chemistry NIPER Mohali, India
11:30	Invited Lecture 8	Prof. Dandamudi Usharani Principal Scientist CSIR CFTRI Mysore, India
14:30	Invited Lecture 9	Dr. Maria Reif Research Associate Technical University of Munich, Germany
15:30	Invited Lecture 10	Prof. Martin Zacharias Department of Physics Technical University of Munich, Germany
16:30	Invited Lecture 11	Insight of SCM's AMS Package
25th November,2021 (Thursday)		
10:30	Invited Lecture 12	Prof. Anoop Ayyappan Department of Chemistry IIT Kharagpur, India
11:30	Invited Lecture 13	Dr. Mausumi Chattopadhaya Department of Chemistry NIT Calicut, India
14:30	Invited Lecture 14	Dr. Sergey Samsonov Project Leader, Laboratory of Molecular Modeling University of Gdansk, Poland
15:30	Invited Lecture 15	Prof. Celia Fonseca Guerra Division of Theoretical Chemistry V U Amsterdam, Netherlands
16:30	Tutorial 1	Computational Modeling of Chemical problems –I



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26th November,2021 (Friday)		
09:30	Invited Lecture 16	Dr. Rajesh Raju Science and Research Fellow Carnegie Mellon University, USA
10:30	Invited Lecture 17	Prof. Biswarup Pathak Head, Department of Chemistry IIT Indore, India
11:30	Invited Lecture 18	Prof. U. Deva Priyakumar Center for Computational Natural Sciences and Bioinformatics IIIT Hyderabad, India
15:30	Tutorial 2	Computational Modeling of Chemical problems - II
16:30	Tutorial 3	Computational Modeling of Chemical problems - III
27 th November 2021 (Saturday)		
10:30	Tutorial 4	Computational Docking of small molecules - I
11:30	Tutorial 5	Computational Docking of small molecules - II
28 th November 2021 (Sunday)		
10:30	Tutorial 6	Computational Modeling of Materials - I
11:30	Tutorial 7	Computational Modeling of Materials - II
12:00	Q&A	Q&A for Tutorial
12:30	Valedictory Function	



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Govt. of India



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Dear Participant,

Greetings from Department of Applied Chemistry, Cochin University of Science and Technology!

We welcome you to the virtual workshop on '**Computational Modeling in Chemistry, Biology and Materials- *making it mainstream***' from Nov 22nd -28th, 2021.

Below are some of the technical information/instructions regarding the Workshop. We recommend you go through every instruction carefully.

- 1) All the lectures will be held on the Zoom platform. The meeting ID and passcode will be sent to the registered e-mail Id. Please note to **sign in using the registered e-mail Id only.**
- 2) Make sure you have installed the **latest version of ZOOM** (recommended). Or if you are planning to use a web browser, then make sure you are using the latest version of Chrome/Firefox.
- 3) You should have a Windows/Linux based laptop or desktop for participating in the tutorial sessions.
- 4) Please join the WhatsApp group by clicking the link below for future updates.
<https://chat.whatsapp.com/KBwg2XZg7iA1EBP7kdshk7>
- 5) Click **here** to download the programme schedule.
- 6) Kindly download and install the following program packages before the workshop begins.

1) Amsterdam Density Functional (ADF)

Download link and password for the ADF package will be sent to your registered e-mail id. The participants will be given **free access to the software for the workshop.**

▪ **QUANTUM MECHANICAL CALCULATIONS**

1. Avogadro for input preparation: **<https://avogadro.cc/>**
2. GAMESS for calculation:
Submit a request in the GAMESS Registration System to get the download information.
<https://www.msg.chem.iastate.edu/GAMESS/download/register/>
3. Chemcraft for output analysis: **<https://www.chemcraftprog.com/download.html>**

▪ **MOLECULAR DOCKING**

Docking is demonstrated with Autodock Vina using PyRx and visualized using PyMOL

PyRx: Download (Free version) : **[Downloads \(sourceforge.io\)](#)**

PyMOL: Windows User- **[Download PyMOL 0.99rc6 for Windows free | Uptodown.com](#)**

Linux User- **[Linux Install - PyMOLWiki](#)**

- **MATERIALS MODELING**

BURAI - GUI for Quantum ESPRESSO

For Windows User:

https://github.com/BURAI-team/burai/releases/download/ver.1.3/BURAI1.3_Windows.zip

For Linux User

https://github.com/BURAI-team/burai/releases/download/ver.1.3-linux/BURAI1.3_Linux.tgz

Kindly see the website for further updates. <https://sites.google.com/cusat.ac.in/workshop/home>

If you have any queries, please do not hesitate to contact us. Looking forward to seeing you on Day-1 of the workshop.

Thank you for your support.

Kind regards,

Dr. Susmita De

Coordinator, Workshop

susmita@cusat.ac.in

9496213788

anjimajames@cusat.ac.in

9400557534