

**6 Day Faculty Development Programme on
RECENT TRENDS IN BIOLOGICAL RESEARCH**
Organized by IQAC, Moirang College With the support of
Directorate of University & Higher Education, Government of Manipur

Why FDP on Recent Trends in Biological Research?

As it is rightly said, an ordinary teacher explains, a good teacher demonstrates but the best teacher inspires, the most important factor in the success of higher education institutions is the quality and engagement of its faculty. This Faculty Development Programme (FDP) is organized at Moirang College by the Directorate of University & Higher Education, Manipur with an objective to place teachers at the centre of all fundamental reforms in the education system. The NEP 2020 helps re-establish teachers, at all levels, as the most respected and essential members of our society, because they truly shape our next generation of citizens. Everything must be done to empower teachers and help them to do their jobs as effectively as possible.

With various dramatic scientific and technological advances, such as the rise of big data, machine learning, and artificial intelligence, many unskilled jobs worldwide may be taken over by machines. In contrast, the need for a skilled workforce, particularly involving mathematics, computer science, and data science, in conjunction with multidisciplinary abilities across the sciences, social sciences, and humanities, will be increasingly in greater demand.

This faculty development program is therefore, designed in such a manner that the young teachers who are now working in the colleges would get themselves refreshed and refueled with the **Recent Trends in Biological Research** which would benefit faculties engaged in teaching multidisciplinary subjects including SEC & VAC, more particularly, the Life Sciences in the BSc. 3rd and 4th years under the Four Years Undergraduate Programme (FYUP) under Manipur University.

How to apply?

Faculties of all colleges under the Directorate of University & Higher Education, Government of Manipur who intend to join the FDP may apply online through a Google form whose link is given below:

<https://forms.gle/uPTNj7xtW5tbjBR9A>

Details of Sessions:

<i>DAY ONE: The 16th December 2023</i>		
<i>10:00 A.M.</i>	<i>Inaugural Session</i>	
<i>FDP Session</i>	<i>Topic</i>	<i>Mentor</i>
<i>10:30 A.M.</i>	<i>Assessment of the lesser-known freshwater invertebrate, the zooplanktons</i>	<i>Dr. Maibam Bimola Devi Asst. Prof. Moirang College</i>
<i>11:40 A.M.</i>	<i>Thrips & Orthotospovirus: An emerging agricultural vector & virus.</i>	<i>Dr. Daimeil Asst. Prof. United College, Chandel</i>
<i>12:50 PM</i>	<i>Tea Break</i>	
<i>01:30 P.M.</i>	<i>Scope of Biotechnology in Life Sciences</i>	<i>Dr. K Bibash Dept. of Biotechnology Mangolganbi College</i>
<i>03:00 P.M.</i>	<i>Feedbacks & Assessment</i>	

<i>DAY TWO: The 17th December 2023</i>		
<i>10.10 A.M.</i>	<i>Recent Trends in Teaching Plant Taxonomy</i>	<i>Dr. Hanjabam Manoranjan Sharma Principal, Waikhom Mani Girls College</i>
<i>11:40 A.M.</i>	<i>Nematodes: Diversity & Control measures</i>	<i>Dr. Ningombam Roma Devi Professor, Imphal College</i>
<i>01:00 P.M.</i>	<i>High Tea</i>	
<i>01:10 P.M</i>	<i>Application of GIS in wetlands Mapping</i>	<i>Dr. RK. Chingkhei Dept. of Forestry Manipur University</i>
<i>03:00 P.M.</i>	<i>Feedbacks & Assessment</i>	
<i>DAY THREE: 18th December 2023</i>		
<i>10. 10 A.M.</i>	<i>Towards conservation step: "The vanishing Canids"</i>	<i>Dr. Asem Rahul Singh Junior Research Officer, Dept of Environment & Climate Change</i>
<i>11:40 A.M.</i>	<i>Climate change and its effect on biodiversity</i>	<i>Salam Rajesh Journalist, Environment Activist</i>
<i>01:00 P.M.</i>	<i>High Tea</i>	
<i>01:10 P.M.</i>	<i>Biodiversity of wetlands</i>	<i>Dr. Soram Shyamjai Asst. Prof. Kakching Khunou College</i>
<i>3:00 P.M.</i>	<i>Feedbacks & Assessment</i>	
<i>DAY FOUR: 19th December 2023</i>		
<i>10. 10 A.M.</i>	<i>Carbon in Forests: Stocks & Fluxes</i>	<i>Dr. Niirou Mavetaya Asst. Prof. Moirang College</i>
<i>11: 40 A.M.</i>	<i>Present scenario of wildlife conservation in Manipur</i>	<i>Kh. Hitler Singh Manipur Forest Service</i>
<i>01:00 P.M.</i>	<i>High Tea</i>	
<i>01:00 P.M.</i>	<i>Common Waterbirds of Loktak Lake</i>	<i>N Sony Meitei Asst Prof. Moirang College</i>
<i>3:00 P.M.</i>	<i>Feedbacks & Assessment</i>	
<i>DAY FIVE : 20th December 2023</i>		
<i>10. 10 A.M.</i>	<i>Assessment of diversity & Carbon stock in plants: A scientific approach.</i>	<i>Dr. Shougrakpam Bijen Meetel Asst. Professor, Dept of Botany Mangolganbi College</i>
<i>11:40 A.M.</i>	<i>Environmental impact of biomedical waste</i>	<i>Dr. N. Ranita Asst Prof. Moirang College</i>
<i>01:00 P.M.</i>	<i>High Tea</i>	
<i>01:00</i>	<i>Practice Teaching by delegates</i>	
<i>03:00 P.M.</i>	<i>Feedbacks & Assessment</i>	
<i>DAY SIX 21st December 2023</i>		
<i>10.10 A.M.</i>	<i>Practice Teaching by delegates</i>	
<i>01:00 P.M.</i>	<i>Tea Break</i>	
<i>1:30 P.M</i>	<i>Valedictory</i>	<i>Presentations by 2 selected delegates</i>
<i>2:30 P.M.</i>	<i>Feedback Form collections</i>	<i>Certificates distributions</i>

Organising Committee

Chief Patron	Dr Rangitabali Waikhom, IAS, Director of Univ. & Hr. Education, Manipur
Patron	Dr. Rahejuddin Sheikh, Principal Moirang College
Co-ordinator	N. Sony Meitei, Asst. Prof. Moirang College, Department of Zoology
Co-convener	Dr. Ph. Raju Singh, Asst. Prof. & Coordinator IQAC Cell Moirang College
Members	W. Lukhoi Singh, Asst. Prof., Department of Geography Th Rajen Singh, Asst. Prof. Department of Zoology K. Babuchand Singh, Asst Professor, Dept of Geography M. Surjit Singh, Asst. Professor, Dept of Chemistry. Th. Aken Meetei, Asst Professor, Dept of Computer Science K. Kiranjit Singh. Asst Professor, Dept of History H. Lilabati Devi, Asst. Prof., Computer Science Dr. N. Ranita, Asst. Prof., Environmental Science. Dr. B. Reenaroy Devi, Asst. Prof., Computer Science
Advisors	N. Joy Singh, Assoc. Professor, Dept of Education Y. Joy Singh. Assoc Professor, Dept of Botany S. Deven Singh, Assoc Professor, Dept of Physics Dr. H Sharda Devi, Assoc Professor, Dept of Physics Dr. M. Rajesh Singh. Asst Professor, Dept of Manipuri A. Pratima Devi. Assoc Professor, Dept of Economics H. Chaoba Devi. Assoc Professor, Dept of Chemistry Th. Surchandra Singh. Assoc Professor, Dept of Chemistry P. Krishna Kumari Devi. Assoc Professor, Dept of Botany
Data Manager	H. Devjit Singh, Asst. Prof., Computer Science Dept.
Web Manager	S. Prakash Singh. Asst Professor, Dept of Economics
Website	www.moirangcollege.ac.in

For any queries, contact: 9862836346, e-mail: sonynongmeikapam@gmail.com

Criteria For Award of Certificates

* Attendance shall be maintained for every session duly countersigned by the respective mentors

* All delegates are to present a practice teaching for 10 minutes on any topic of their choices based on Biological Sciences. The PowerPoint Slides should be submitted on or before 20th December 2023 to avoid repetitions.

* All delegates are to submit a short summary of the proceedings, mentioning the date, topic, and name of the resource person.

Registration Fees: Rs. 2,000/- only

Last date of Registration: the 10th Dec 2023

Mode of Payment: G-Pay through mobile no.: 9862836346

Limited Seats, First come first serve!



Department of University & Higher Education
Government of Manipur



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6 Day Faculty Development Programme on

RECENT TRENDS IN BIOLOGICAL RESEARCH

(As per requirements in the 3rd and 4th years of the Four Years Undergraduate Programme (FYUP) in Biological Science under NEP 2020)

16 - 21 December 2023

Venue:

MOIRANG COLLEGE

Bishnupur District - 795143, Manipur, India

Organized by

Internal Quality Assurance Cell (IQAC), Moirang College

With the support of

Directorate of University & Higher Education

Government of Manipur

Welcome to **Moirang College!** Let's feel the blessings of an institution that stands calm with a bountiful campus area of about 36 acres of land near the Lord Thangjing, a sacred place for the Manipuri people; shining with all the cultural ethos of the people at the periphery of Loktak Lake; about 45 kilometers from the capital city of Imphal; surrounded by the historical places like Sendra Tourist Home, Thanga and Karang Islands, Keibul Lamjao National Park, the home of the only species in the World called Sangai, a brow-antlered deer dancing on the floating weeds, the INA complex where the flag of the Indian National Army was first hoisted on April 14, 1944.

Established on the 5th May 1963, Moirang college embodies the far-sighted vision of eminent social workers and the collective effort of the generous people of this remote far-flung area in the south western valley of Manipur. It fulfills the driving desire of these economically and socially backward people for an institute of higher learning which eluded them for a long time.