


FACULTY PROFILE

PERSONAL PARTICULARS			
Name	SHABEER AHMED N		
Department	BOTANY & BIOTECHNOLOGY		
Designation	Assistant Professor		
Organization	NATIONAL COLLEGE, Thiruvananthapuram.		
Date of Join	03/11/2008		
Core Discipline	BIOTECHNOLOGY		
Specialization	BIOTECHNOLOGY		
Areas of Interest	Molecular Biology, Genetic Engineering, Plant Biotechnology, Industrial Biotechnology, Microbiology, Nanotechnology		
Address	TC 49/619, Haseena Manzil, Malliyidam, Manacaud PO, Thiruvananthapuram.		
Phone Number	9895667044	Email id	shabeer.ahmmed@ncas.edu.in
PROFESSIONAL QUALIFICATIONS			
Qualification	Specialization	Institution	
Ph.D (Scholar)	Biotechnology (Toxicology)	Department of Biochemistry & Biotechnology, Annamalai University, Chidambaram	
MSc	Biotechnology	Mar Athanasius College, Kothamangalam, Ernakulam.	
BSc	Zoology	Mar Ivanios College, Thiruvananthapuram.	
HISTORY OF EMPLOYMENT			
	Level	Years of Service	Institution
	U.G	14 years & 5 months	National College, Thiruvananthapuram
PROFESSIONAL RESPONSIBILITIES HELD			

1. **Head of Department (Biotechnology): 2015-2022**
2. **Nodal Officer, All India Survey on Higher Education (AISHE): 2012-2022**
3. **Member College Council :2015-2022**
4. **Coordinator College IQAC: 2021-2022**
5. **Staff Advisor: 2015- 2018**
6. **Returning Officer: 2015, 2016, 2017**
7. **IQAC Coordinator: 2021-2022**
8. **NAAC Coordinator: 2019-2022**
9. **NSS Programme Officer: 2019-2022**
10. **YiP Coordinator: 2021-2022**
11. **Member, Editorial Board, College Magazine 2019-20**
12. **Coordinator, Continuing Education (2019-2021)**
13. **Member Discipline Committee**
14. **Former member, college exam committee**
15. **Former member, college admission committee**
16. **Former member, college purchase committee**
17. **Former member, college Book Club**
18. **Former member, college Nature club**
19. **Former member, Anti Ragging Cell**
20. **Former member, College Placement Cell**

PROGRAMS ORGANISED

HoD of Biotechnology

1. Organized a National Webinar in “Career Opportunities in Biotechnology” on 11/08/2021; Resource Person – Biju Dharmapalan, CSIR-NISCAR, New Delhi.
2. Organized an international webinar in “When iPSCs meet CRISPR”, What is in for Diabetes Research, on 20/08/2022; Resource Person – Dr Anup K Nair, Staff Scientist, National Institute of Health, USA.

Nodal Officer AISHE

Uploaded college DCF from 2009 to 2022 in AISHE website

NSS Programme Officer

1. Conducted Blood Donation camp in association of Govt. Hospital Thycaud.
2. Visiting Old Age Homes and providing food and clothes
3. Execution of Palliative Club
4. Execution of Vimukthi Club
5. Introduction and execution of ANNAM project
6. Introduction and execution of SNEHASPASHAM Club
7. Observance of National, State and International Days
8. Waste Management initiatives
9. Green campus Initiatives
10. Plastic Free campus initiatives
11. Supported volunteers to participate in state, district and university camps
12. Conducted Annual Special Camp
13. Drug free Campus Initiatives

IQAC & NAAC Coordinator

14. Introduced proper filing systems in departments
15. Introduced personal and class log book
16. Inauguration of IQAC room

17. Organized NAAC criterion-based workshops with external faculties.
18. IQAC team Visited two Government colleges (Govt. College Attingal and Govt. College Nedumangad) to study the implementation of IQAC in the college
19. Introduced Dept. coordinators to coordinate IQAC related activities in the departments.
20. Coordinated the implementation of two major programmes of college Merit o National and Insight o National and Induct o National. On behalf of this event IQAC was able to brought many eminent personalities such as Ministers, Chief secretary, former Vice Chancellors, CEO of Technopark, IAS and IPS officers and government officials as resource persons to meet and to interact with our students to drive them to achieve their career in the right path.
21. College website updation (2021-22).
22. Conducted Faculty Development Programmes organized by MHT
23. Arranged IPR awareness programme in association NIPAM.
24. Implementation ICT facilities.
25. Coordinated the formation of department alumni and general college alumni
26. Arranged skill development classes in association with ASAP
27. Coordinated staff and students to be associated with Yip (Young innovators programme) of K-DISC.
28. Took the initiative to organize matters which is needed to get membership from BIS to the college (Bureau of Indian Standards).

SUBJECTS TAUGHT

1. Methodology & Perspective of Biotechnology
2. Biophysics & Instrumentation
3. Animal Physiology
4. Animal Diversity
5. Molecular Biology
6. rDNA technology
7. Plant Biotechnology
8. Industrial Biotechnology
9. Genetic Engineering
10. Food & Dairy technology

RESEARCH PUBLICATIONS / JOURNAL

Journal

1. Shabeer Ahmed, N, A Review: Multifunctional Copper Nanoparticles and Its Applications, Journal of The Maharaja Sayajirao University of Baroda (UGC CARE Group I Journal) Vol No. 56 No. 1 (II) 2022; ISSN: 0025-0422.

Book Chapter

1. Shabeer Ahmed, N. Introduction, Scope and Applications of Biotechnology, Emerging Trends in Arts, Science and Humanities (ETASH), Association of Global Academicians and Researchers, ISBN: 978-93-91387-37-2, Feb 2022.
2. S. Srinivasan, N. Shabeer Ahmed and R. Murali; Antibacterial efficacy of Natural Compounds

Chitin and Chitosan: a mechanistic disclosure, Handbook of Natural Polymers, volume I/10.1016/B978-0-323-99853-6.00011-5, Elsevier, 2023.

RESEARCH PUBLICATIONS / CONFERENCES

1. Participated in three days “International Conference on Synergy of Sciences” held from 27/02/2020 to 29/02/2020 organized by SASTRA University, Tanjore, Tamil Nadu.

WORKSHOP/ SEMINARS/FDPs ATTENDED

1. Participated on seven days Online National faculty Programme organized by IQAC, MTNC (Autonomous) Madurai from 13/05/2020 to 19/05/2020.
2. Attended a webinar on “Developing Career in Biotechnology through International Fellowship”, Organized by Kerala Biotechnology Commission and Kerala State Council for Science and Technology and Environment on 14 August 2020.
3. Participated in the Five days online FDP on “Waste to Bioenergy: A Sustainable Solution, organized by Department of Biotechnology”, National Institute of Technology, Andhra Pradesh, from 13th to 17th September 2021.
4. Participated in the seven days online FDP on “Mentoring for Institutional Social Responsibility and facilitation for Community Engagement”, organized by Mahatma Gandhi National Council of Rural Education, Department of Higher Education, Ministry of Education, Govt. of India, Hyderabad, Sponsored by Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching, from 27th January to 02nd February 2022.
5. Participated in one day National level FDP/webinar on Vaccines and Cryptogamic Biodiversity organized by The Center for Faculty Development (CFD), Association of Global Academicians and Researchers (AGAR) Tamil Nadu, on 02/04,2023.
6. Participated in the World Intellectual Property Day Celebration entitled Webinar on “Awareness on Intellectual Property Rights -Need of the Hour”, Organized by IPR cell in Collaboration with Sacred Heart College (Autonomous) Tirupattur, Tamil Nadu on 26/04/2023.
7. Participated One week National Level Online Faculty Development Program on “Outcome Based Education and Application of Generative AI in Teaching and Research”, organized by IQAC, Govt. College, Kottayam in association with The Kerala State Higher Education Council (KSHEC) from 06 March 2024 to 13 March 2024.
8. Participated as special invitee in the five days Residential Training Programme for curriculum framing of BSc Biotechnology (Hon’s) Four year Under Graduate Programme 2024, organized by Biotechnology Board of Studies (BoS), University of Kerala, at Govt. College, Kariavattom from 19/03/2024 to 23/03/2024.

INVITED TALKS

1. Delivered a talk on “Biotechnology in Daily Life”, organized by Department of Natural Science, Kerala University College of Teacher Education, Kumarapuram, Thiruvananthapuram on 17/01/2023.
2. Delivered a talk on “Green Medicine and Cancer”, organized by Centre for Science Heritage and Policy Research in association with Department of International Relations, Central University of Kerala on 23/02/2024.

MEMBERSHIPS

1. Member of the Association of Indian Biologists (AIB) Membership No: SM732020
2. Lifetime Member of the Association of Global Academicians and researchers (AGAR)

AWARDS

1. Awarded best book chapter entitled “Microfluidics- A New Approach for Antibiotic Sensitivity Studies”, 2021.

