

CURRICULUM VITAE



Anup Muni Bajracharya

ACADEMIC QUALIFICATION

Level	Passed Year	Division	Institution	Board/University
M.Sc. Microbiology	2005	First	University Campus, Kirtipur	Tribhuvan University, Nepal
B.Sc. Microbiology	2003	First	Trichandra Campus, Ghantaghar	Tribhuvan University, Nepal
I.Sc.	1999	Second	Amrit Science College, Lainchaur	Tribhuvan University, Nepal
S.L.C	1997	First	English Preparatory High School, New Baneshwor	Nepal

RESEARCH AND PUBLICATIONS

International Journal

1. Dengue virus infection during window period of consecutive outbreaks in Nepal and assessment of clinical parameters. A paper published in Q1 journal on 2023/6/7, Journal Scientific Reports, Volume 13, Issue 1, Pages 9262, Publisher Nature Publishing Group UK.

CONTACT ADDRESS

Permanent address-Lagan tole-21, Karunamaya marg, Kathmandu, House No. 88

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Mobile No: 9845341220

Email: anubjr@gmail.com

2. **Metallo- β -Lactamase Producing Gram-Negative Bacteria Isolated from Chicken Meat in Bharatpur, Chitwan, Publication date- 2023/11/30, Journal- Medical Sciences Forum, Volume- 24, Issue- 1, Pages- 1, Publisher- MDPI.**
3. **Prevalence of Multidrug Resistant Gram-negative Bacteria in Tissues of Diseased Chicken in Chitwan District, Nepal, Published 27 December, 2021, South Asian Journal of Research in Microbiology 11(4): 1-9, 2021; Article no.SAJRM.72679 ISSN: 2582-1989 021**
4. **Multi-drug resistance and extended spectrum beta lactamase producing Gram negative bacteria from chicken meat in Bharatpur Metropolitan, Nepal. A paper published in Q2 Journal- BMC research notes Journal, Volume 10, Pages 1-5 Publisher BioMed Central.**
5. **Bacterial synthesis of silver nanoparticles (AGNPS), Publication date- 2018/1/21, Journal- World Journal of Pharmaceutical Research, Volume- 7, Issue- 6, Pages- 872-887**

National Journal

6. **Anti-Bacterial Activity of Different Honey Samples against Bacteria Isolated from Clinical Sources, Publication date- 2023/12/31, Journal- Tribhuvan University Journal of Microbiology, Pages-21-29**
7. **Prevalence Of Extended Spectrum Beta Lactamase (Esbl) Producing Escherichia Coli In Retail Buff Meat Sold In Bharatpur. Publication Date- 2020/10, Journal- Nepalese Journal of Science, Pages-1**
8. **Evaluation of antimicrobial activity of Crude Ethanolic Extracts of Selected Spices, Publication date- 2023/12/7, Journal- Journal of Balkumari College, Volume- 12, Issue- 1, Pages- 48**
9. **Antimicrobial screening of some medicinal plants against selected bacterial species, Publication date- 2020/8/5, Journal- Scientific World, Volume- 13, Issue- 13, Pages- 20-23**
10. **Plant growth promoting rhizobacteria (PGPR): Biofertiliser and Biocontrol agent– Review article, Publication date- 2019/12/31 Journal of Balkumari College, Volume-8, Pages- 42-45**

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11. Screening of some medicinal plants used in Nepalese traditional medicine against enteric bacteria, Publication date- 2008, Journal Scientific World, Volume- 6, Issue- 6, Pages- 107-110
12. Prevalence of Multidrug Resistance Salmonella in Poultry of Chitwan, Journal Of Balkumari College, Pages- 6
13. Prevalence of Parasitic and Bacterial Infections among Children in Orphanage Home and School of Chitwan District, A paper published in Journal of Balkumari College.
14. Comparison of different diagnostic method for Mycobacteria tuberculosis in suspected patients Publication date- 2009, Publisher- Nepal Health Research Council.
15. Assessment of drinking water quality of Kathmandu metropolitan areas Publication date 2007, Journal -Nepal journal of science and technology, Volume 8, Pages 113-118.
16. Isolation and identification of etiological agent of pulmonary tuberculosis in patients visiting National Tuberculosis Center, Thimi, Bhaktapur, Publication date- 2007, Publisher- Nepal Health Research Council

M.Sc. dissertation entitled "Study of drinking water quality of Kathmandu Metropolitan Areas and evaluation of antibacterial property of some medicinal plants against isolated enteric bacteria."

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EXPERIENCES

- Engaged as lecturer in Microbiology Department of *Trichandra Multiple Campus*, Ghantaghar, Kathmandu for B.Sc. Microbiology for 6 months.
- 2 years working experience regarding water quality analysis in the Nepal Academy of Science and Technology, NAST, Khumaltar, Kathmandu
- Engaged as lecturer in *Lord Buddha Education Foundation*, Maitidevi, Kathmandu for B.Sc. Biotechnology for a year.
- Engaged as lecturer in *Kantipur School of Dentistry*, Basundhara, Chakrapath for Certificate in Dental Science for a year.
- One and half years of teaching experience as a Science teacher in the Shree Chamunda English School, Bhurungkhel, Kathmandu.
- Engaged as lecturer in Balkumari College, Narayangarh, for B.Sc Microbiology from 2064 B.S till date.

PAPER PRESENTATION AND PARTICIPATION IN INTERNATIONAL CONFERENCE

- Paper presentation on the topic- Isolation and characterization of Plant growth promoting Rhizobacteria from rhizospheric soil of maize plants of Bharatpur in the 28th Bharat-Nepal Friendship Summit-2023, during 26-30th October, 2023 at Siddhartha Hotel, Boudha, Kathmandu.
- Paper presentation entitled Prevalence of Colistin resistant E .coli isolated from diseased chicken in the international conference on Microbial technology for better tomorrow held on 17th-19th February 2018 organised by Dr. D.Y. Patil Arts, Commerce & Science College, Pimpri, Pune, India.`
- Participation in International Chemical Congress- Chemistry for Sustainable Development- held on 8th-10th March 2018 at Sauraha, Chitwan, Nepal organised by Nepal Chemical Society in cooperation with Department of Chemistry, Birendra Multiple Campus, Chitwan, Nepal.
- Participation in International Conference on Microbial technology for better tomorrow organised by DAV college, Lalitpur, Kathmandu, Nepal and Microbiologists Society, India on 11th -12th May 2019.

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- Attended one week (8th – 12th January 2019) training and workshop on Bacterial Identification, Bio-inoculant production technology and Molecular biology techniques under International Student Exchange Program organized by Shardabai Pawar Mahila Arts, Commerce and Science College at Shardanagar, Baramati, Pune in India.

PAPER PRESENTATION AND PARTICIPATION IN A NATIONAL/INTERNATIONAL CONFERENCE

- Paper presentation “ Phosphate Solubilisation Efficiency of Bacteria from Rhizospheric Soil in Bhartapur” in the International Conference -2024 on Inclusive and Sustainable Development through transformation, Innovation and Digitalization held on 16 and 17th November 2024 organised by Balkumari College, Narayangarh, Chitwan, and supported by UGC, Nepal.
- Participation in a one day seminar on Researches in Microbiology -2023, held on 18th August, 2023 at Saint Xavier’s College, Kathmandu organized by Department of Microbiology, Saint Xavier’s College.
- Participation in online National seminar on Intellectual Property Rights in Indian context and its present relevance, organized by Department of Post graduate Studies and IQAC Cell, Pacific Academy of Higher Education and Research University, Udaipur held 8th September 2020.
- Paper presentation entitled “Prevalence of Subclinical mastitis in cows of Chitwan District” on the National conference on “Creating Connection to build bridge together” organised by Balkumari College, Narayangarh, Chitwan under the support of UGC, Nepal and Nepal Academy of Science and technology on 8th-9th June 2018.
- Participation in First National Conference on Genetic Diseases (7th to 8th December, 2018) at Pragya Bhawan, Kathmandu, Nepal.
- Paper presentation on seminar "Birgunj city- An emerging haven for microbial pathogens" organised by Hari Khetan College, Birgunj on 2067/4/22.

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- Paper presentation on the seminar "A glance to Microbiology" organised by Balkumari College, Narayangarh, Chitwan.
- Participation in Seminar on Antibiotic Resistance organized by *Shi-Gan Health Foundation*. Kathmandu on 5th July, 2006.
- Participation on 5th National Conference on Microbiology held on November 15-16, 2014, organised by Nepalese Society for Microbiology.
- Presentation on One day seminar entitled Student's Motivation held on 27th June 2015, organized by Department of Microbiology, Balkumari College, Narayangarh, Chitwan.
- Participation in Awareness program "Swine Flu and Its preventive Measures" conducted on 1st April, 2015.
- Participation in one day symposium on "Microbiology and one health concept in Nepal" held in 3rd September, 2016, organised by Nepalese Society for Microbiology (NESOM) and American Society for Microbiology (ASM).
- Different presentation programmes organized by *Nepal Academy of Science and Technology*, Khumaltar.

WORKSHOP AND TRAINING

- Completed Faculty Development Training of Trainers (TOT) -4 credit hour courses held from 2nd March 2025 to 8 March 2025, organised by Kathmandu University School of Education in collaboration with University Grants Commission, UGC, Nepal.
- Participation in the workshop on Internal quality Assurance: A pathway for Continuous Improvement on 22nd September, 2024 organized by Aadikavi Bhnaubhakta Campus, Tanahun
- Participation in Three Days Training (16-18 May 2024) on Natural Products in drug discovery from organised by Research Management Cell, Birendra Multiple Campus, Bharatpur
- A workshop on- Experimental Biotechnology : A teachers' training organized by Central Department of Biotechnology-TU in association with University Grants

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Commission and Institute of Science and technology-TU from 27th to 31st January, 2020.

- Participation in a two day workshop on “Designing Seminar Paper, Article Writing, Publication and Pedagogical Approaches” held on 30th April to 1st May 2023, Organised by Research Management Cell, Balkumari College, Narayangarh, Chitwan.
- Participation in the workshop entitled “Developing Research Career and Publication” held on 21-22 January 2023, organized by Research Management Cell, Balkumari College, Narayangarh, Chitwan.
- Participation in a workshop on “Application of Excel in analyzing and visualizing data” 11th-15th June, 2018 organised by Research Management Cell, Balkumari College, Narayangarh, Chitwan under the support of UGC, Nepal.
- Training on Scientific Writing organized by Nepal Academy of Science and technology at Bharatpur, Chitwan on June 17-19, 2022.
- Participation in Workshop on Proposal Writing and Poster Preparation organized by Microbiology Research Society on 9th September, 2017.
- Participation in Talk Program entitled “How to write scientific research proposal” held on 13th April, 2023 organized by the Department of Microbiology, Balkumari College in association with Microbiologists Society, India.
- Participation in the Training on Scientific Writing organized by Nepal Academy of Science and technology at Bharatpur, Chitwan on June 17-19, 2022.
- Participation on “A three-day capacity building training on qualitative research methods and techniques” organized by Saheed Smriti Multiple Campus and supported by UGC-Nepal from 30th September to 2nd October, 2021.
- Training on Research Methodology organized by *Nepal Health Research Council, Kathmandu* in 2005.
- Workshop on Research Methodology jointly organized by Central Department of Microbiology and Research Division, T.U., Kathmandu held on 2nd April, 2006.
- Participation in the training on “Teacher’s Education for Professional Development” organized by Nepal Polytechnic Institute and supported by USAID-

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Funded Asia Farmer to Farmer program, Winrock International in July 03-July 11, 2014

- **Participation in two day orientation program of first year of four year B.Sc. Course in Microbiology Organized by Institute of Science and technology (IOST), TU held on 5th-6th Magh, 2069.**
- **Participation in two day orientation program of fourth year of four year B.Sc. Course in Microbiology Organized by Institute of Science and technology (IOST), TU held on 3-4 Shrawan, 2069.**
- **Participation in Teacher's Orientation on B.Sc. Microbiology Revised Curriculum- June 11-12, 2009, organized by Central Department of Microbiology, TU, Kathmandu**

TRAINER-TEACHERS' AND FACULTY DEVELOPMENT PROGRAMS

- **Balkumari College, Training Unit- Faculty Development Program (1st Cohort) & Teachers' Professional Development Training Program (2nd Cohort)**
Topics Delivered: AI, Digital Accessibility and Ethics, Multimedia and Interactive Teaching Tools
- **Aadikavi Bhanubhakta Campus, Damauli- Faculty Development Program (1st & 2nd Cohorts)**
Topics Delivered: AI in Education, Digital Teaching Tools, and Classroom Innovation
- **Janapriya Campus, Pokhara- Faculty Development Program – 1st Cohort**
Topics Delivered: Emerging Educational Technologies, Virtual Reality (VR) and Augmented Reality (AR) in Education, Interactive PowerPoint and Audio-Visual Pedagogy, AI in Education

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BOOKS PUBLISHED

- Food and Nutrition- Nursing Highland Publications
- Basic science Applied to Nursing- PCL Nursing Highland Publications
- Basic Immunology-for B.Sc. Microbiology and veterinary Science

COMPUTER SKILLS

- Basic windows package from *NECMAC, Newroad, Kathmandu*

PERSONAL PROFILE

Nationality: Nepali

Date of birth: 3rd Oct 1979

Religion : Buddhism

Hobbies : Learning and teaching

Marital Status: Married

GRANT/AWARD/ APPRECIATION

- Collaborative research Grant 2074-75, from UGC Nepal
 - As a Co-investigator from Balkumari College, Narayangarh, Chitwan with research Project- Profiling Cellular Immune Responses in Dengue Virus infected Nepalese Population. UGC Award no- CRG-74/75-S&T-01, Date of award- 2075/07/19.
- Award of Mini Research Project 2011/2012 from UGC Nepal
Research project entitled "Study of intestinal infections by Parasite and bacteria among children in orphanage home"
- Award of Mini Research Project from Balkumari College, Narayangarh, Chitwan
- Travel Grant from UGC Nepal

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- Certificate of Appreciation for being the member of Panel of judges in one day Webinar on Researches In Microbiology Held on 5th August, 2021 at Saint Xavier's College, Kathmandu.
- Certificate of Appreciation for being the Focal Person in the International Conference -2024 on Inclusive and Sustainable Development through transformation, Innovation and Digitalization held on 16 and 17th November, 2024 organised by Balkumari College, Narayangarh, Chitwan and supported by UGC, Nepal.
- As a Program coordinator for International Seminar on- Opportunities and impact of Microbiology in health and Environment held on 28th July, 2018 at Sauraha, Chitwan.
- Certificate of Appreciation for motivational presentation on one day seminar entitled "Students' Motivation" on 27th June, 2015 at Balkumari College, Narayangarh, Chitwan

RESEARCH AS A SUPERVISOR

- Isolation and Characterization of Potential Baker's yeast from Marcha Sample.
- Isolation Of *Trichoderma* From Soil From Different Places Of Nepal And Observation Of Their Antimicrobial Characteristics
- Isolation And Characterization Of Antibiotic Producing Actinomycetia From Different Forest Soil Of Chitwan, Nawalpur And Tanahun District
- Submerged Cultivation Of *Pleurotus* Species And Isolation Of Its Competitive Molds
- Methicillin Resistant *Staphylococcus aureus* Isolates In Paper Currency Notes From Bharatpur City
- Detection Of *Shv* Gene Of Extended Spectrum Beta Lactamase Producing *E. Coli* From Chicken Meat Sold In Bharatpur Chitwan
- Isolation And Characterization Of Antibiotic Producing Actinomycetes Isolated From Different Forest Soil Of Chitwan District, Nepal
- Prevalence Of Pathogenic Bacteria Isolated From Chicken And Their Antibigram Profile.

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- **Prevalence Of Multidrug Resistance Gram Negative Isolates Causing Urinary Tract Infections.**
- **Prevalence Of Bio-Film And Extended Spectrum β -Lactamase Producing *E. Coli* From Buff And Mutton Meat In Bharatpur Metropolitan.**
- **Antimicrobial Screening Of Medicinal Plants Against Pathogenic Microorganisms.**
- **Prevalence Of Nasal Carriage Of Methicillin Resistant *Staphylococcus Aureus* Among Nurses Of Different Hospitals In Chitwan District**
- **Probiotic Potential Of *Lactobacillus* Species Isolated From Nepalese Fermented Food**
- **Prevalence Of Intestinal Parasite Among School Children Of Chitwan And Nawalparasi District, Nepal**
- **Prevalence Of Colistin Resistant *E.Coli* Isolated From Diseased Chicken**
- **Multidrug Resistance Extended-Spectrum Beta-Lactamase-Producing Gram-Negative Bacteria From Chicken Meat In Bharatpur Metropolitan**
- **Prevalence Of Multidrug Resistance Gram Negative Isolates Causing Urinary Tract Infection**
- **Prevalence Of Multidrug Resistance *Salmonella* In Poultry Of Chitwan**
- **Prevalence Of Subclinical Mastitis In Cows Of Chitwan District**

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REFEREES

Ms. Shova Shrestha
Assistant Professor
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Ghantaghar, Kathmandu
Phone no- 9841326464

DECLARATION

I certify that all information stated in this resume is true and complete to the best of my knowledge.

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