

# **Pramod Poudel, PhD**

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## **Current affiliation**

Associate Professor

Central Department of Biotechnology (CDB), Institute of Science and Technology,

Tribhuvan University, Kirtipur, Kathmandu Nepal

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## **Academic Qualifications:**

- **PhD in Biotechnology** (2015), Kyushu University, Japan [Under Japanese Government Scholarship]
- **MS Biotechnology** (2012), Kyushu University, Japan [Under Japanese Government Scholarship]
- **M.Sc. Microbiology** (2006), Tribhuvan University (TU), Nepal
- **B.Sc. Microbiology** (2003), Tri-Chandra Campus, Tribhuvan University (TU), Nepal

## **Previous Appointments:**

- Research Director, Research and Scholarship Division, University Grants Commission, Nepal (2019-2023 AD)
- Head of Department, Department of Microbiology, National College, Tribhuvan University (TU) (2016-2019 AD)
- Visiting Faculty, Central Department of Biotechnology (CDB), Institute of Science and Technology, Tribhuvan University, Kirtipur, Kathmandu Nepal (2017-2019 AD)
- **Postdoctoral Fellow** at Department of Bioscience and Biotechnology, Kyushu University, Japan (2015-2016 AD)
- Teaching Assistant (TA) at Department of Bioscience and Biotechnology, Kyushu University, Japan (2011-2014 AD)
- Research Assistant (RA) Department of Bioscience and Biotechnology, Kyushu University, Japan (2014-2015 AD)
- Lecturer at Department of Microbiology, National College [NIST], Affiliated to Tribhuvan University, Nepal (2006-2010 AD)

## **Policy-level Experiences**

- Member, Curriculum Development Committee for Training Programs of Second Class Officers, Third Class Officers, and Senior Assistants under the Education Service, CEHRD, Ministry of Education, Science and Technology.
- Committee Coordinator for developing report on Scholarship scheme of medical students taken by Medical Education Commission (MEC, Nepal). 2024
- Working Committee member for developing the QAA system in Medical Education, Medical Education Commission, Nepal 2024.
- Working Committee member for developing QAA guidelines and indicators for Bachelor of Medicine and Bachelor of Surgery (MBBS) Program, Medical Education Commission (MEC), Nepal 2024-2025.
- Government of Nepal nominated to participate ESD-Net 2030 South and West Asia Sub-Regional Meeting, 1<sup>st</sup> March, 2023, UNESCO, Bangkok [Oral presentation]
- Core member for developing **National Higher Education Program 2021-2030** (Framework), Government of Nepal
- Contributed in developing Guidelines for **Collaborative Research and Entrepreneurship Support Program** [Nurturing Excellence in Higher Education Program], University Grants Commission, Nepal
- Member of Youth Scientists Forum, Nominated by National Academy of Science and Technology (NAST), Government of Nepal (<https://nast.gov.np/ysfn>)
- Adhoc committee member, Youth Scientist Forum Nominated by National Academy of Science and Technology (NAST), Government of Nepal
- Contributed as Steering Committee member for Preparation of country implementation Led Research for Universal Health coverage (CIRU) in Nepal

- Contributed as Steering Committee member for Developing ToR for the establishment of multidisciplinary research centers led by Ministry of Education, Science and Technology, Government of Nepal
- Contributed as Steering committee member from UGC-independent evaluation of Higher Education Reform Project (2015-2020)
- Contributed as Member for the preparing guidelines on quality journal publications in Nepal, Ministry of Education, Science and Technology, Government of Nepal
- Contributed as Member for the development of action plan on the science, technology and innovation policy-points, Ministry of Education, Science and Technology, Government of Nepal
- Contributed in Developing a ToR for the Independent evaluation of Higher Education Reform Project (2015-2020) under the six thematic areas.
- Developed **Sustainability Plan for research funding to Higher Education** (2021-2023), Nepal
- Supported in drafting Guidelines on e-learning and Examinations for Nepali Universities In View of COVID-19 Pandemic, 2020
- Member for the preparing guidelines on Center of Excellence, Ministry of Education, Science and Technology, Government of Nepal
- Revised the Minimum guidelines for the award of **PhD degree** in Nepali Universities
- Member for drafting the National Center of Excellence under Ministry of Education, Science and Technology, Government of Nepal
- Actively engaged in conducting several sensitization workshops for enhancing the quality of higher education in Nepal [NEHEP-Entrepreneurship Support Program, Labor Market Driven Program, Faculty Capacity Enhancement Program].
- Reviewed and provided feedbacks on Draft independent final evaluation of the South Asia leadership in entrepreneurship (SALE) project, ILO.
- Participated in Regional Cooperation for Higher Education Development – Options for South Asia Organized by University Grants Commission of Sri Lanka together with World Bank, June 2023.
- Delivered lecture series on "Academia-Community-Industry Linkage: Fostering Entrepreneurship" during the Training Program on Higher Education Planning and Administration for Campus Chiefs, organized by University Grants Commission, 18<sup>th</sup> June, 2024.

### **Major Professional trainings**

- Mentorship/Business incubator training under theme” Creating an Entrepreneurial Ecosystem around Tribhuvan University
- Building Skills for Scientific Research” Organized by TWAS, The World Academy of Sciences, Italy
- Food Safety Management System based on Hazard Analysis Critical Control Point (HACCP) conducted by Industrial Environment Management Project (IEM)”.
- Applications of Research Methodology in Microbiology.

### **Academic membership**

- Editor, Journal of Institute of Science and Technology, Tribhuvan University
- Subject committee member, Central Department of Biotechnology, Institute of Science and Technology, Tribhuvan University, Kirtipur, Kathmandu Nepal.
- Subject committee member of Biotechnology, Faculty of Agriculture, Agriculture and Forestry University (AFU), Rampur, Chitwan, Nepal.
- Expert member of Biotechnology, Ministry of Education, Science and Technology, Government of Nepal
- Subject Committee member, Central Department of Microbiology, Tribhuvan University
- Member, Science and Technology Cluster committee, University Grants Commission Nepal
- Member, Entrepreneurship Support Program Steering Committee, University Grants Commission, Nepal.

### **Honors/Awards.**

- Society for Applied Microbiology UK, President Fund 2018
- Young Scientist Award-2074, Nepal Academy of Science and Technology, Nepal
- “*Nepal Biddya Bhusan ka*” honored from the President of Government of Nepal
- Japanese Government Scholarship (Monbukagakusho) for M.Sc. and PhD, Japan
- Netherland Government scholarship (Nuffic) Netherlands

### **Research interests:**

- Lactic acid bacteria (LAB), Probiotics, Indigenous Fermented foods
- Meta-genomics, Microbial Community Structures
- Human pathogens and antimicrobial resistance properties

- Soil Microbiomes, PGPR
- L-lactic acid, Green technology, Science diplomacy, RDI-Policies,

### **Professional association:**

- Life-member of Nepal biotechnology society, Nepal
- Member, The Society for Biotechnology, Japan
- Japan Society for Bioscience, Biotechnology, and Agrochemistry (JSBBA).
- Member of Society for Applied Microbiology (SfAM), UK
- Life-member of Nepalese Society for Microbiology (NESOM), Nepal
- Member of American Society of Microbiology (ASM)

### **Skills in hand:**

- Matrix Assisted Laser Desorption/Ionization time of flight mass spectrometry (MALDI-TOF MS);
- High-performance liquid chromatography (HPLC); Gas Chromatography
- Real-time PCR, 16S rRNA gene sequence; Denaturing gradient gel electrophoresis (DGGE)
- Thin layer chromatography (TLC)
- Scanning electron microscopy (SEM)
- UV-VIS spectrophotometers, ELISA
- Atomic absorption spectroscopy (AAS)
- Statistical tools (eg. XL-STAT), Basic and applied bioinformatics
- Freeze dryer
- Moodle for online learning system
- Microsoft excel, words, PowerPoints
- SPSS, XL-STAT

### **Major Funding as Principal Investigator:**

- TWAS, Italy Funded
- UGC, Nepal Funded
- KWEF, Japan, Funded
- Presidents Fund, SfAM, UK
- Tribhuvan University, Institute of Science and Technology

### **Supervision:**

- Supervised more than 20 BSc and 40 MSc research projects, 4 PhD student research project ongoing
- Teaching and Evaluation in various B.Sc., M.Sc. since 2006 in courses related to Food Microbiology, Microbial Biotechnology, Medical Microbiology and Industrial Biotechnology, Agriculture Biotechnology
- Lab instructor in the above listed courses for B.Sc. and M.Sc. Students.
- Internal examiner for PhD thesis

### **Research Book:**

- Sharma, S., & Poudel, P. (2025). Nasal carriage of methicillin-resistant *Staphylococcus aureus*. Nepal Bangmaya Foundation.
- Sharma, S., & Poudel, P. (2025). *Escherichia coli* in urinary tract infection. Nepal Bangmaya Foundation.

### **Book Chapter:**

- Kenji Sakai, Pramod Poudel and Yoshihito Shirai (2012). Total Recycle System of Food Waste for Poly-L-Lactic Acid Output, *Advances in Applied Biotechnology*, Marian Petre, Intech-Open, DOI: 10.5772/32858. <https://www.intechopen.com/books/advances-in-applied-biotechnology/total-recycle-system-of-food-waste-for-poly-l-lactic-acid-output>.

### **Patent:**

- “Kenji Sakai, Yukihiro Tashiro, Pramod Poudel, Hirokuni Miyamoto, Hisashi Miyamoto. L-lactic acid production directly from the starch using thermotolerant *Bacillus* sp. MC-07”, Japanese Patent No. 2014-194405, September, 2014.

## **Major Scientific Publications:**

- Baral, Soma Kanta, Bhasima, Samita, Parajuli, Indira, Manandhar, KrishnaDas, Poudel, Pramod, Anti-MDR *Escherichia coli* Activity, Phenolic and Flavonoid Content, and Antioxidant Potential of *Azadirachta indica* A. Juss Ethanolic Leaf Extract: An HR-LCMS-Based Profiling Study, *The Scientific World Journal*, 2025, 6593165, 15 pages, 2025. <https://doi.org/10.1155/tswj/6593165>
- Baral, Soma Kanta, Geeta Dangol, Krishna Das Manandhar, and **Pramod Poudel**. “Characterization of Virulence Factors in Multidrug-Resistant *Escherichia Coli* Isolated from Intestinal and Extra - Intestinal Clinical Samples”. *Journal of Manmohan Memorial Institute of Health Sciences* 9 (2):13-18. 2024. <https://doi.org/10.3126/jmmihs.v9i2.71802>
- Krishma Pandit, Supriya Sharma, Shreedhar Aryal, Asmita Lamichhane, Sushma Regmi, Prativa Paudel, Sirjana Koirala, Suprina Sharma, Sanjib Adhikari, Komal Raj Rijal, **Pramod Poudel**. Concurrent presence of Staphylococcal Cassette Chromosome mec types of Methicillin-Resistant *Staphylococcus aureus* in hospital environments and post-operative patients at a hospital in Kathmandu, Nepal, *Infection Prevention in Practice*, 2024,100436,ISSN 2590-0889,<https://doi.org/10.1016/j.infpip.2024.100436>.
- **Pramod Poudel**. Inculcating Entrepreneurial ecosystem in Nepalese Higher Education Institutions. *The Transcript, A Biotechnology Magazine*. Nepalese Society of Biotechnology, Central Department of Biotechnology, Tribhuvan University. Vol. 3 (1), ISSN: 2505-1103, 2024.
- Ashik Tiwari, **Pramod Poudel**, Santosh Khanal, Sunil Lekhak, Sanjib Adhikari, Ramesh Sharma Regmi, Supriya Sharma. Emergence of *mcr-1* Gene in Colistin-Resistant *Escherichia coli* Isolates from Chicken in Chitwan, Nepal. *Foodborne Pathogens and Disease*, <https://doi.org/10.1089/fpd.2023.0151>. 2024 (Q1).
- Asmita Lamichhane, Sushma Regmi, Krishma Pandit, Sweety Upadhaya, Jyoti Acharya, Srijana Koirala, Shreedhar Aryal, Krishna Gurung, Jiwan Thapa, Sanjib Adhikari, Suprina Sharma, **Pramod Poudel** and Supriya Sharma. Identification of fungal pathogens among COVID-19 and non-COVID-19 cases in Bhaktapur hospital, Nepal. 17:347 <https://doi.org/10.1186/s13104-024-07010-4> 2024.
- Dev Ram Sunuwar, Suvash Nayaju, Raja Ram Dhungana, Kshitij Karki, Pranil Man Singh Pradhan, **Pramod Poudel**, Chitrakala Nepal, Madhu Thapa, Nani Shobha Shakya , Matina Sayami, Pradip Krishna Shrestha, Renu Yadav and Devendra Raj Singh. Effectiveness of a dietician-led intervention in reducing glycated haemoglobin among people with type 2 diabetes in Nepal: a single centre, open-label, randomized controlled trial, *The Lancet Regional Health - Southeast Asia*, Vol 15. 2023. (Q1)
- Pawan Khanal, Dikshya Shilpakar, Dambar Bahadur Khadka, Om Prakash Panta, **Pramod Poudel**, Bunty Maskey. Probiotic Potentiality of Lactic Acid Bacteria Isolated from “Theki Dahi” around Various Places of Pokhara Valley. *Journal of Natural Sciences Research* Vol. 14 (4), 2023.
- Shrestha, S. K., Khadka, S., Rayamajhee, B., Thapa, A., Sharma, S., Shrestha, B., & **Pramod Poudel** (2022). Lower Susceptibility to Fluoroquinolones and a *gyrA* Gene Mutation in *Salmonella* Typhi Isolates from Enteric Fever Patients. *Journal of Nepal Health Research Council*, 20(02), 517-523. <https://doi.org/10.33314/jnhrc.v20i02.4245> (Q1)
- Lil Budha Magar, Binod Rayamajhee, Sujana Khadka, Gaurab Karki, Alina Thapa, Muhammad Yasir, Sandeep Thapa, Om Prakash Panta, Suprina Sharma, **Pramod Poudel**, “Detection of *Bacillus* species with arsenic resistance and plant growth promoting efficacy from agricultural soils of Nepal, *Scientifica*, vol. 2022, Article ID 9675041, 10 pages, 2022. <https://doi.org/10.1155/2022/9675041> (Q2)
- Bibek Raj Bhattarai, Bikash Adhikari, Saroj Basnet, Asmita Shrestha, Rishab Marahatha, Babita Aryal, Binod Rayamajhee, **Pramod Poudel**, Niranjana Parajuli, "In Silico Elucidation of Potent Inhibitors from Natural Products for Nonstructural Proteins of Dengue Virus", *Journal of Chemistry*, vol. 2022, Article ID 5398239, 12 pages, 2022. <https://doi.org/10.1155/2022/5398239> (Q1)
- Rishab Marahatha, Asmita Shrestha, Kabita Sharma, Bishnu P. Regmi, Khaga Raj Sharma, **Pramod Poudel**, Ram Chandra Basnyat, Niranjana Parajuli, "In Silico Study of Alkaloids: Neferine and Berbamine Potentially Inhibit the SARS-CoV-2 RNA-Dependent RNA Polymerase", *Journal of Chemistry*, vol. 2022, Article ID 7548802, 9 pages, 2022. <https://doi.org/10.1155/2022/7548802> (Q1)
- Samrat Paudel, Rekina Shrestha, **Pramod Poudel**, Rameshwar Adhikari (2022). The Influence of Soap and Alcohol-based Cleanser on Human Skin. *Spectrum of Emerging Sciences*, 2(1), pp. 56-65.

<https://doi.org/10.55878/SES2021-1-2-1> (Q4)

- Yamuna Chand, Sujana Khadka, Sanjeev Sapkota, Suprina Sharma, Santosh Khanal, Alina Thapa, Binod Rayamajhee, Dhruva Kumar Khadka, Om Prakash Panta, Dipendra Shrestha, **Pramod Poudel**, (2021) "Clinical Specimens are the Pool of Multidrug-Resistant *Pseudomonas aeruginosa* harbouring *oprL* and *tox A* Virulence Genes: Findings from a Tertiary Hospital of Nepal", *Emergency Medicine International*, vol. 2021, <https://doi.org/10.1155/2021/4120697> (Q1)
- Punam Thapa, Alina Thapa, Sujana Khadka, Sanjeev Sapkota, Om Prakash Panta, Suprina Sharma, Tika Bahadur Karki, **Pramod Poudel**. Screening and characterization of potent poly glutamic acid producing *Bacillus* sp. isolated from Kinema, water and soil samples. *Heliyon*, Volume 7, Issue 8, 2021, e07715, ISSN 2405-8440, <https://doi.org/10.1016/j.heliyon.2021.e07715>. (Q1)
- Sushma Koirala, Sujana Khadka, Sanjeev Sapkota, Suprina Sharma, Santosh Khanal, Alina Thapa, Dhruva Kumar Khadka, **Pramod Poudel**. Prevalence of CTX-M  $\beta$ -Lactamases Producing Multidrug Resistant *Escherichia coli* and *Klebsiella pneumoniae* among Patients Attending Bir Hospital, Nepal", *BioMed Research International*, vol. 2021, 11 pages, (2021). <https://doi.org/10.1155/2021/9958294> (Q1)
- Shrestha, S., Bhandari, S., Aryal, B., Marasini, B. P., Khanal, S., **Poudel, Pramod**, Rayamajhee, B., Adhikari, B., Bhattarai, B. R., & Parajuli, N. (2021). Evaluation of Phytochemical, Antioxidant and Antibacterial Activities of Selected Medicinal Plants. *Nepal Journal of Biotechnology*, 9(1), 50–62. <https://doi.org/10.3126/njb.v9i1.38667>
- Pant RR, Pal KB, Bishwakarma K, Thapa LB, Dangol A, Dawadi B, **Poudel Pramod**, Bhattarai B, Joshi TR, Bhatt YR. Application of Multivariate Approaches to the Hydro-chemical Assessment of the Ghodaghodi Lake, Sudurpaschim Province, Nepal. *Nepal Journal of Science and Technology*. 2020;19(2):46-54. <https://doi.org/10.3126/njst.v20i1.39390>.
- Adhikari, R., Kshetri, B., Sharma, K., Khanal, S., Panta, O., Sharma, S., & **Pramod Poudel**. Prevalence of Methicillin-Resistant *Staphylococcus aureus* Isolated from Clinical Samples at Narayani Samudayik Hospital, Chitwan, Nepal. *Tribhuvan University Journal of Microbiology*, 7, 37-42. <https://doi.org/10.3126/tujm.v7i0.33794>. (2020). JPPS star rated
- Govind Prasad Gupta, Yogendra Shah, Dhan Kumar Pant<sup>2</sup>, Sunil Lekhak, Ramesh Shahi, Ananda Mandal, **Pramod Poudel**, Shayam Prakash Dumre, Kishor Pandey, Basu Dev Pandey. Preparatory phase for Clinical trials of COVID-19 Vaccine in Nepal", *Human Vaccines & Immunotherapeutics*, *Human Vaccines & Immunotherapeutics*. Volume 17 Issue 4.(2020) (Q1)
- Shrestha, Raju, Khanal, S., **Pramod Poudel** et al. Extended spectrum  $\beta$ -lactamase producing uropathogenic *Escherichia coli* and the correlation of biofilm with antibiotics resistance in Nepal. *Ann Clin Microbiol Antimicrob* **18**, 42 (2019). (Q1)
- Sapkota, S., Khadka, S., Gautam, A., Maharjan, R., Shah, R., Dhakal, S., Panta, O., Khanal, S., & **Poudel, Pramod** (2019). Screening and Optimization of Thermo-Tolerant *Bacillus* Sp. For Amylase Production and Antifungal Activity. *Journal of Institute of Science and Technology*, 24(1), 47-56. JPPS star-rated
- **Pramod Poudel**, Nepal, A., Magar, R., Rauniyar, P., & Magar, L. (2019). Screening of Potent Arsenic Resistant and Plant Growth Promoting *Bacillus* species from the Soil of Terai Region of Nepal. *Tribhuvan University Journal of Microbiology*, 6, 1-9.
- Nabin Rana, Saraswoti Khadka, Bishnu Prasad Marasini, Bishnu Joshi, **Pramod Poudel**, Santosh Khanal, Niranjana Parajuli. Isolation and characterization of soil Myxobacteria from Nepal. *Journal of Institute of Science and Technology* 2019, **24(2)**:7-16 ISSN: 2469-9062 (print), 2467-9240 (e).
- Yukihiro Tashiro, Kosuke Kanda, Yuya Asakura, Toshihiko Kii, Huijun Cheng, **Pramod Poudel**, Yuki Okugawa, Kosuke Tashiro, and Kenji Sakai. A unique autothermal thermophilic aerobic digestion process showing dynamic transition of physicochemical and bacterial characteristics from mesophilic to thermophilic phases. *Applied and Environmental Microbiology*, Vol 84 (6) e02537-17 (2018). (Q1)
- Binod G.C., Nim Raj Sapkota, Binod Rayamajhee, Jayram Lamichhane, **Pramod Poudel**, Sunil Lekhak, Shovana Thapa, Santosh Khanal. Detection of *bla*NDM-1 gene among the carbapenem resistant *Escherichia coli* and *Klebsiella pneumoniae* isolates from a children's hospital in Nepal. *Novel Research in Microbiology Journal*, vol 2(5), pp. 65-74, 2018. (Q4)
- Indira Basnet, Mahesh Kumar Chaudhary, Santosh Khanal, Om Prakash Panta, **Pramod Poudel**. Bacteriological profile in urinary tract infection and their antibiotic susceptibility pattern. *International*

*journal of medicine and biomedical sciences*. Vol. 2, pp. 81–83, 2018

- Shrestha, J., Prajapati, K., Panta, O., **Pramod Poudel**, & Khanal, S. (2018). Methicillin Resistant *Staphylococcus aureus* Isolated from Wound Infections. *Tribhuvan University Journal of Microbiology*, 5, 19-24. [JPPS star rated](#)
- **Pramod Poudel**, Yukihiro Tashiro, Hirokuni Miyamoto, Hisashi Miyamoto, Yuki Okugawa, Sakai K. Development of a systematic feedback isolation approach for targeted strains from mixed culture systems. *Journal of Bioscience and Bioengineering*, Vol 123, 63–70, (2017). (Q1)
- Yukihiro Tashiro, Inokuchi Shota, Okugawa, Yuki, **Pramod Poudel**, Miyamoto, Hirokuni Miyamoto, Hisashi Miyamoto, Kenji Sakai. Novel pH control strategy for efficient production of optically active L-lactic acid from kitchen refuse using a mixed culture system, *Bioresource Technology* vol. 216, 52– 59, (2016). (Q1)
- **Pramod Poudel**, Yukihiro Tashiro, Kenji Sakai. New application of *Bacillus* strains for optically pure L-lactic acid production: General overview and future prospects. *Bioscience, Biotechnology, Biochemistry* (BBB) Vol 80 (4), pp.642–654, (2016). (Q2)
- **Pramod Poudel**, Yukihiro Tashiro, Hirokuni Miyamoto, Hisashi Miyamoto, Yuki Okugawa, Kenji Sakai. Direct starch fermentation to L-lactic acid by a newly isolated thermophilic strain, *Bacillus* sp. MC-07, *Journal of Industrial Microbiology and Biotechnology*, vol. 42 (1), pp. 143–149, (2015). (Q1)
- **Pramod Poudel**, Hirokuni Miyamoto, Hisashi Miyamoto, Yuki Okugawa, Yukihiro Tashiro, Kenji Sakai. Thermotolerant *Bacillus kokeshiiformis* sp. nov. Isolated from marine animal resources compost. *International Journal of Systematic and Evolutionary Microbiology*, vol. 64 (8), pp. 2668–2674, (2014). (Q1)
- Saowanit Tongpim, Ratchanu Meidong, **Pramod Poudel**, Satoshi Yoshino, Yuki Okugawa, Yukihiro Tashiro, Masayuki Taniguchi, Kenji Sakai. Isolation of thermophilic L-lactic acid producing bacteria showing homo-fermentative manner under high aeration condition. *Journal of Bioscience and Bioengineering*, vol.117, pp. 318–324, 2014. (Q2)
- Yukihiro Tashiro, Hiroko Matsumoto, Hirokuni Miyamoto, Yuki Okugawa, **Pramod Poudel**, Hisashi, Miyamoto, Kenji Sakai. A novel production process for optically pure L-lactic acid from kitchen refuse using a bacterial consortium at high temperatures. *Bioresource Technology*, vol. 146, pp. 672–681, 2013. (Q1)
- Kenji Sakai, Pramod Poudel and Yoshihito Shirai (2012). Total Recycle System of Food Waste for Poly-L-Lactic Acid Output, *Advances in Applied Biotechnology*, Marian Petre, Intech-Open, DOI: 10.5772/32858. <https://www.intechopen.com/books/advances-in-applied-biotechnology/total-recycle-system-of-food-waste-for-poly-l-lactic-acid-output>.
- **Pramod Poudel**, Hiroko Matsumoto, Yuki Okugawa, Kenji Sakai. Proceeding on 5th International Symposium on the East Asian Environmental Problems (EAEP), Identification of thermo-tolerant *Bacillus* species from mixed culture system useful for the production of optically pure l-lactic acid, Fukuoka, Japan, pp. 271–275, November, 2011
- **Pramod Poudel**, Hiroko Matsumoto, Yuki Okugawa, Kenji Sakai. XIII International Congress of Bacteriology and Applied Microbiology, organized by International Union of Microbiological Societies (IUMS), Thermophilic Mixed Culture Fermentation of Optically Pure L-lactic Acid, pp. 191. Sapporo, Japan, 2010
- Indra Bahadur Pachhai, Om Prakash Panta, Vijay Singh Chhetri and **Pramod Poudel**. Bacteriological analysis of drinking water of Kathmandu metropolitan city. *Journal of Food Science and Technology Nepal*, vol. 5, pp. 62–64, 2009.
- **Pramod Poudel** et al (2008). Production of Probiotic Soy-Yoghurt by Inoculating Lactic Acid Bacteria isolated from Yoghurt Samples from Kathmandu Valley. *Journal of Food Science and Technology Nepal*, 4, 72-73.
- Vijay Singh Chhetri, Indra Bahadur Pachhai, **Pramod Poudel**, Huma Bokkhim, Yug Nath Dabadi. Antibiotic Resistant *Escherichia coli* in Meat Samples from Kathmandu Valley. *Journal of Food Science and Technology Nepal*, vol. 4, pp. 52–53, 2008.

### **International/ National Conferences/seminars/Proceedings**

1. **Pramod Poudel**, Regional Cooperation for Higher Education Development – Options for South Asia

Organized by University Grants Commission of Sri Lanka together with World Bank (June 6- 7, 2023).  
Oral

2. **Pramod Poudel**, participated in the International Applied Microbiology Online Conference organized by Society of Applied Microbiology (SfAM, UK), United Kingdom, 7-11 July, 2021.
3. ◦**Pramod Poudel**, Priyanka Thakur, Sushmita Dura, Om Prakash Panta, Santosh Khanal, Tika Bahadur Karki. Screening of potent *Bacillus* species for the sustainable biocontrolling of aflatoxigenic *Aspergillus flavus*. Poster Number: PW463, FEMS 2019 Congress, 7-11 July, 2019, Glasgow, Scotland. (Poster, with peer-reviewed)
4. ◦**Pramod Poudel**, Hiroko Matsumoto, Yuki Okugawa, Kenji Sakai. XIII International Congress of Bacteriology and Applied Microbiology, organized by International Union of Microbiological Societies (IUMS), Thermophilic Mixed Culture Fermentation of Optically Pure L-lactic Acid, pp. 191. Sapporo, Japan, September, 2011. (Poster, with peer-review)
5. ◦**Pramod Poudel**, Hiroko Matsumoto, Yuki Okugawa, Kenji Sakai. Proceeding on 5th International Symposium on the East Asian Environmental Problems (EAEP), Identification of thermo-tolerant *Bacillus* species from mixed culture system useful for the production of optically pure l-lactic acid, Fukuoka, Japan, pp. 271–275, November, 2011. (Oral, with peer-review)
6. ◦**Pramod Poudel**, Yukihiko Tashiro, Kenji Sakai. Proceeding on 7th International Symposium on the East Asian Environmental Problems (EAEP), Feed-back isolation and identification of novel thermo-tolerant bacterial community structure within mixed-culture system, pp176–180, Fukuoka, Japan, November, 2013. (Oral, with peer-reviewed)
7. ◦**Pramod Poudel**, Yukihiko Tashiro, Kenji Sakai. Mixed culture system for sustainable utilization of food waste biomass to produce value added products under thermophilic conditions. International Scientific Conference, Environmental Research, Issues, Challenges and Sustainable Development and Livelihood Security, pp. 32–34, Hotel Kasai, Lumbini, Nepal, November, 2014. (Oral, with peer-reviewed)
8. ◦ **Pramod Poudel**, N. Ishida, Y. Unoki-Kato, , Y. Tashiro, K. Sakai. Rapid microbial cell count in water sample using Flow cytometry. The 2nd Universiti Putra Malaysia–Kyushu Institute of Technology International Symposium on Applied Engineering and Sciences (SAES 2014), Tobata Campus, Kyushu Institute of Technology, Japan, 2014 (Oral, with peer-reviewed)
9. ◦F. S. Clament Chin, C. S. Vairappan, **Pramod Poudel**, Y. Tashiro, K. Sakai. Integrated utilization of wastes from palm oil industry by converting with functional microorganisms. The 2nd Universiti Putra Malaysia–Kyushu Institute of Technology International Symposium on Applied Engineering and Sciences (SAES 2014), Tobata Campus, Kyushu Institute of Technology, Japan, 2014. (Oral, with peer-reviewed)
10. ◦**Pramod Poudel**, Yukihiko Tashiro, Kenji Sakai. Proceeding on 8th International Symposium on the East Asian Environmental Problems (EAEP), Mixed culture system for sustainable utilization of food waste biomass to produce value added products under high temperature, pp.170–174, Fukuoka, Japan, December, 2014. (Oral, with peer-reviewed)
11. ◦ **Pramod Poudel**, Yukihiko Tashiro, Yuki Okugawa, Kenji Sakai. Feedback isolation and identification of not yet isolated thermophilic bacteria. International Joint Seminar on Microbial Study Useful for Establishing Sustainable Production System between Japan and Thailand, Kyushu University, Fukuoka, Japan, March 18, 2015.(Oral, with peer-reviewed)
12. ◦Yukihiko Tashiro, **Pramod Poudel**, Kenji Sakai. AFOB Regional Symposium 2014, High lactic acid production from renewable resources using thermophilic bacteria, Kuala Lumpur, Malaysia, pp. 47, February, 2014. (Invited oral, with peer-reviewed)
13. ◦Natsumi Ishida, Yoko Unoki-Kato, **Pramod Poudel**, Yukihiko Tashiro, Kenji Sakai. Asian Congress on Biotechnology 2015, Development of rapid cell counting method by Flow cytometry. November 15-19, 2015, pp. 74 (EB18). Istana Hotel, Kuala Lumpur, Malasia. (poster, with peer-reviewed)
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