CURRICULUM-VITAE

Mr. BHISHMA KARKI

Executive Chairman

National Research Council Nepal

Visiting Professor

Department of Physics and Research Centre, Tuljaram Chaturchand College Baramati, Pune 413102, India

Visiting Faculty

Department of Physics, Tri-Chandra Multiple Campus, Tribhuvan University

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- > To obtain a position where I can use my quick learning ability to learn the basic operations of your esteemedorganization and deliver work to the best of my abilities.
- ➤ Utilize my leadership, organizational, and communication skills to collaborate with others to create an environment that enhances student engagement, responsibility, and academic success.
- > Strong desire to redefine teaching standards. Teach daily lessons with multiple modalities to target various learning styles. Assess students' progress throughout the term and work closely with other staff to efficiently plan and coordinate work. Built positive relationships with parents to involve them in the educational process. Assessed students' progress by administering test and evaluating results.
- > To utilize my educational and professional to facilitate the building of bridges between the research community.

ACADEMIC RECORDS

Degree	Specialization/Discipline	College/University/Institute	Year of joining	Year of leaving
10 th /SLC	Science	Home Land Service Secondary School	1997	1999
12 th /Inter	Physics/Biology	Himalayan WhiteHouse Int'l College	2000	2002
B. Sc. (Bachelor of Science)	Physics	National Multiple College	2002	2005
M.Sc. (Master of Science)	Material Science	University of Pune	2007	2009
Ph. D. (Doctor of Philosophy)	Material Science	Tribhuvan University	2014	2020



DETAILS OF EMPLOYMENT

Position held	Organization/Institute	Date of	Date of	Total Period	
		Joining	Leaving	Years	Months
Executive Chairman	National Research Council Nepal	01 September 2019	Still working	0	0
Academic Director	National Research Council Nepal	01 January 2015	01 September 2019	04	08
Senior Researcher	National Research Council Nepal	01 January, 2013	01 January 2015	02	0
Visiting Lecturer	Department of Physics, Tri-Chandra Multiple Campus, Tribhuvan University	13 February 2019	Still working	0	0
Visiting Professor	Department of Physics and Research Centre, Tuljaram Chaturchand College Baramati, Pune 413102, India	14 February 2023	Still working	0	0
Lecturer	Damak Multiple Campus	22 August 2009	12 August 2013	05	0
Visiting Lecturer	Life Line Hospital, Institute of Health Sciences, Damak	01 June 2009	12 August 2012	03	02
	Indian Journal of Advanced Physics (IJAP)	01 January 2021	01 December 2023	03	
Chairman School Board of Director	Albert Einstein Academy Boarding High School Jyatha,27 Jamal, Kathmandu, Nepal	27 August 2023	Still working	1	0
Board of Director	Reliable Nepal Life Insurance Limited	06 January 2024	Still working	6	0
Member of the Editorial Board	Scientific Reports	17 September 2024	Still working		
Academic Editor and member of the Editorial Board	The Scientific World Journal in Optics (Wiley)	06 February 2024	Still working	3	0
Member of the Editorial Board	Discover Applied Sciences (Springer)	06 July 2024	Still working		
Academic Editor and member of the Editorial Board	Journal of Sensors (Wiley)	06 March 2024	Still working		
Academic Editor	PLOS ONE	06 March 2024	Still working		

Ph. D.

Institution: Central Department of Physics, Tribhuvan University, Kirtipur

Year: 2014-2020

Title of Ph.D. thesis: "Direct detection of dopamine using zinc oxide nanowire-based

PARTICIPATION IN NATIONAL AND INTERNATIONAL CONFERENCE

- ➤ Moscow State University, Russia participation in workshop and training on Biodiversity and Climate change from 11 September 28 October 2012
- Moscow State University, Russia participation in computational physics from 22 to 26 July 2013.
- > Oxford University, United Kingdom, participation workshop on Condensed matter physics from 20 to 25 Jan 2013.
- > Oxford University, United Kingdom participation workshop High Energy Physics from 17 to 21 November 2013.
- Cambridge University, United Kingdom participation workshop on High Energy Physics from 15 to 20 July 2013.
- ➤ Cambridge University, United Kingdom participation in workshop on Physics of Sustainability from 11 to 13 December 2014
- ➤ Institut Polytechnique de Paris, France, Department of Physics, Workshop in material Science from 10 July to 24 July 2014.
- ➤ Monash University, Melbourne, Australia participation in a workshop on Condensed matter physics from 28 February to 07 March 2014
- ➤ University of Queensland, Brisbane, Australia participation workshop on Carbon emission from 24 to 26 October 2014.
- ➤ University of Queensland, Brisbane, Australia, Department of Physics, Laboratory work during my Ph.D. in Material Science from 12 to 26 August 2015.
- > Sapienza University Di Rome, Italy, Department of Physics, Laboratory work during my Ph.D. in Material Science from 03 to 24 March 2015.
- > Participated in the UNFCCC Conference in Bonn Germany from 1 to 12 June 2015
- ➤ Humboldt-Universität zu Berlin, Institut für Physik, Newtonstraße 15 12489 Berlin, Laboratory work during my Ph.D. in material Science from 01 to 29 June 2016.
- ➤ Ludwig-Maximilians-Universität München, Geschwister-Scholl-Platz 1 D-80539 München, Laboratory work during my Ph.D. in Material Science from 01 to 31 August 2016
- ➤ Marie Curie University France, Department of Physics, Laboratory work during my Ph.D. in Material Science from 20 to 22 December 2014
- ➤ UNCBD conference participation in Mexico from 1 to 12 May 2017
- ➤ Participated in UNFCCC Conference in Bonn Germany from 24 to 27 November 2019

LIST OF PUBLICATION

Number of Publications: - Total Article: 56

32 SCI Journal, 24 Scopus Peer-reviewed Journal

INTERNATIONAL SCI JOURNALS

- **1. Bhishma Karki***, Amrindra Pal, Gaurav Dhiman & Mohammad Z. Ahmed. Ultra-sensitive early detection of colorectal cancer using surface plasmon resonance sensor: theoretical analysis. Microchim Acta 192, 126 (2025). https://doi.org/10.1007/s00604-025-06983-8.
- 2. Zainab Abd Mohammed, **Bhishma Karki***, Raghad Ibrahim Ahmed, Saba Adnan Abbas. Quantifying the molecular interactions and evaluating the efficacy of silver nanoparticles as antibacterial agents against methicillin-resistant Staphylococcus aureus (MRSA), with a focus on septic arthritis and biofilm

- Disruption. Journal of Drug Delivery Science and Technology Volume 107, May 2025, 106753. https://doi.org/10.1016/j.iddst.2025.106753.
- Arun Uniyal, Gufranullah Ansari, Krishna Kumba, Bhishma Karki, Amrindra Pal. Ultra-sensitive early detection of colorectal cancer using surface plasmon resonance sensor: theoretical analysis. Elsevier Series in Mechanics of Advanced Materials 2025, Pages 433-454. https://doi.org/10.1016/B978-0-443-29162-3.00017-4.
- 4. Malek G. Daher, Mohd Mahadi Halim, Naser M. Ahmed, Sofyan A. Taya, Mahmoud M. A. Eid & **Bhishma Karki**. An Optical Surface Plasmon Resonance Device (OSPRD) for the Accurate Detection of Injurious Heavy Metals. Plasmonics (2025). https://doi.org/10.1007/s11468-025-02839-2.
- Mahmud Uz Zaman, Amrindra Pal, Arun Uniyal, Nasser Raqe Alqhtani, Manoj Sharma, Md Sajedul Asif Farzan, Bhishma Karki & Rajeev Kumar. ZnO and antimonene-based surface plasmon resonance sensor for enamel, dentin, and cementum layer detection in human teeth. J Mater Sci: Mater Electron 35, 1831 (2024). https://doi.org/10.1007/s10854-024-13471-x.
- 6. Harshal B. Desai, **Bhishma Karki***, Rajesh P. Bhatt, Roshni Verma, Shashank N. Kane, Ashish R. Tanna. Aluminum-Doped Magnesium—Manganese Mixed Nano Ferrites as an Effective Photocatalyst for Methylene Blue. Nano Select, 2024.https://doi.org/10.1002/nano.202300199.
- **7. Bhishma Karki***, Partha Sarkar, K. H. Mahmoud, A. SA. Alsubaie & Manoj Sharma. Detection of Organic Material Using Tungsten Ditelluride Based Surface Plasmon Resonance Sensor. Plasmonics (2024). https://doi.org/10.1007/s11468-024-02356-8.
- 8. Bhishma karki*, Abdullah Saad Alsubaie, Partha Sarkar, Manoj Sharma, Naim Ben Ali. Detection of Skin, Cervical, and Breast Cancer Using Au–Ag Alloy and WS2-Based Surface Plasmon Resonance Sensor. Plasmonics (2024). https://doi.org/10.1007/s11468-024-02521-z
- 9. **Bhishma Karki***, Amrindra Pal,Abdullah Saad Alsubaie, K.H. Mahmoud,Manoj Sharma. Detection of pathogens in water using long range surface plasmon resonance biosensor: Numerical investigation.Physica B: Condensed Matter volume 695, 15 December 2024, 416503. https://doi.org/10.1016/j.physb.2024.416503
- **10. Bhishma Karki***, Youssef Trabelsi, Partha Sarkar, Amrindra Pal, and Arun Uniyal. Tuning sensitivity of surface plasmon resonance gas sensor based on multilayer black phosphorous. Modern Physics Letters B (2024). https://doi.org/10.1142/S0217984924503640.
- **11. Bhishma Karki***, Amrindra Pal, Partha Sarkar, Ram Bharos Yadav, Arjuna Muduli & Youssef Trabelsi. ZnO-Silicon Enhanced Surface Plasmon Resonance Sensor for Chemical Sensing. Silicon (2024). https://doi.org/10.1007/s12633-024-02973-2.
- **12. Bhishma Karki***, Youssef Trabelsi, Arun Uniyal, Amrindra Pal, and Ram Bharos Yadav. Detection of fat concentration milk using TMDC-based surface plasmon resonance sensor. Modern Physics Letters B (2024). https://doi.org/10.1142/S0217984924502531.
- **13. Bhishma Karki***, Pal, A., Sarkar, P. et al. Gold, MXene, and graphene nanofilm-based surface plasmon resonance sensor for malaria detection. J Opt (2024). https://doi.org/10.1007/s12596-024-01661-z.
- 14. **Bhishma Karki***, Pal, A., Sarkar, P. et al. Detection of Chikungunya Virus Using Tantalum Diselenide (TaSe2)-Based Surface Plasmon Resonance Biosensor. Plasmonics (2023). https://doi.org/10.1007/s11468-023-02169-1.
- 15. **Bhishma Karki***, Youssef Trabelsi, Amrindra Pal, Sofyan A. Taya, Ram Bharos Yadav.Direct detection of dopamine using zinc oxide nanowire-based surface plasmon resonance sensor, Optical Materials, Volume 147,2024,114555. https://doi.org/10.1016/j.optmat.2023.114555.
- **16. Bhishma karki*,** Uniyal, A., Sarkar, P. et al. Sensitivity Improvement of Surface Plasmon Resonance Sensor for Glucose Detection in Urine Samples Using Heterogeneous Layers: An Analytical Perspective. J Opt (2023). https://doi.org/10.1007/s12596-023-01418-0.
- 17. Bhishma Karki*, Partha Sarkar, Gaurav Dhiman, Gaurav Srivastava & Manoj Kumar Platinum Diselenide and Graphene-Based Refractive Index Sensor for Cancer Detection. Plasmonics (2023).

https://doi.org/10.1007/s11468-023-02051-0.

- **18. Bhishma Karki***, Nasih Hma Salah, Gaurav Srivastava, Arjuna Muduli, Ram Bharos Yadav. A Simulation Study for Dengue Virus Detection Using Surface Plasmon Resonance Sensor Heterostructure of Silver, Barium Titanate, and Cerium Oxide. Plasmonics (2023). https://doi.org/10.1007/s11468-023-01907-9.
- 19. Thangjam Iboyaima Singh, Pawan Singh, **Bhishma Karki***, "Early Detection of Chikungunya Virus Utilizing the Surface Plasmon Resonance Comprising a Silver-Silicon-PtSe 2 Multilayer Structure" **Plasmonics** (2023). https:// 10.1007/s11468-023-01840-x.
- **20. Bhishma Karki***, Gufranullah Ansari, Arun Uniyal & Vivek Srivastava "PtSe2 and black phosphorus employed for sensitivity improvement in the surface plasmon resonance sensor". Journal of Computational Electronics **Volume** 22, 106–115 (2023). https://doi.org/10.1007/s10825-022-01975-w
- Bhishma Karki*, Arun Uniyal, Gaurav Srivastava, Amrindra Pal, "Black Phosphorous and Cytop Nanofilms Based Long-Range SPR Sensor with Enhanced Quality Factor" Journal of Sensors, Article ID 2102915, 10 pages, 2023. https://doi.org/10.1155/2023/2102915.
- **22. Bhishma Karki***, B. Vasudevan, Arun Uniyal, Amrindra Pal, Vivek Srivastava, "Hemoglobin detection in blood samples using a graphene-based Surface plasmon resonance biosensor" **Optik**, **Volume 270**, **pp. 169947(2022).** https://doi.org/10.1016/j.ijleo. 2022.169947.
- 23. Bhishma Karki*, Arun Uniyal, Amrindra Pal, Vivek Srivastava, "Advances in Surface Plasmon Resonance—Based Biosensor Technologies for Cancer Cell Detection", International Journal of Optics (Hindawi) (Accepted on 29 July 2022). https://doi.org/10.1155/2022/1476254.
- 24. **Bhishma Karki***, Ankit Jha, Amrindra Pal, Vivek Srivastava, "Sensitivity enhancement of refractive index- based surface plasmon resonance sensor for glucose detection", **Optical and Quantum Electronics** 54, 595 (2022)". https://doi.org/10.1007/s11082-022-04004-z.
- 25. Bhishma Karki*, Ramya K, Sandhya Devi R. S., Vivek Srivastava, Amrindra Pal, "Titanium Dioxide, Black Phosphorus and Bimetallic Layer-Based Surface Plasmon Biosensor for Formalin Detection: Numerical Analysis", Optical and Quantum Electronics 54, 451 (2022). https://doi.org/10.1007/s11082-022-03875-6.
- 26. Bhishma Karki*, Amrindra Pal, Yadvendra Singh, Sandeep Sharma, "Sensitivity enhancement of surface plasmon resonance sensor using 2D material barium titanate and black phosphorus over the bimetallic layer of Au, Ag, and Cu", Optics Communications, Volume 508, 2022, 127616. https://doi.org/10.1016/j.optcom.2021.127616.
- 27. Bhishma Karki*, S. Sharma, Y. Singh, A. Pal, "Sensitivity Enhancement of Surface Plasmon Resonance Biosensor with 2-D Franckeite Nanosheets", Plasmonics 17, 71–78 (2022). https://doi.org/10.1007/s11468-021-01495-6.
- 28. Bhishma Karki*, Y. Trabelsi, A. Uniyal, A. Pal, "Zinc sulfide, silicon dioxide, and black phosphorus-based ultra-sensitive surface plasmon biosensor", Optical and Quantum Electronics (Springer) 54, 107 (2022). https://doi.org/10.1007/s11082-021-03480-z.
- 29. N. Sathya, **Bhishma Karki**, K. Rane, A. Jha, A. Pal, "Tuning and Sensitivity Improvement of Bi-Metallic Structure-Based Surface Plasmon Resonance Biosensor with 2-D ε-Tin Selenide Nanosheets", **Plasmonics** (2022). https://doi.org/10.1007/s11468-021-01565-9.
- **30. Bhishma Karki***, A. Uniyal, B. Chauhan, A. Pal, "Sensitivity enhancement of a graphene, zinc sulfide-based surface plasmon resonance biosensor with an Ag metal configuration in the visible region", **Journal of ComputationalElectronics** (2022). https://doi.org/10.1007/s10825-022-01854-4.

- 31. Bhishma Karki*, Arun Uniyal, Tarun Sharma, Amrindra Pal, Vivek Srivastava, "Indium phosphide and black phosphorus employed surface plasmon resonance sensor for formalin detection: numerical analysis", Optical Engineering vol. 61 (1), 017101 (2022). https://doi.org/10.1117/1.OE.61.1.017101
- **32. Bhishma Karki**, Amrindra Pal, Sandeep Sharma, "Analysis of All-Optical Priority Encoder using Plasmonics Waveguide" **Journal of Computational Electronics** (2021). https://doi.org/10.1007/s10825-021-01752-1.

NATIONAL AND INTERNATIONAL JOURNALS (Peer Reviewed Journals) (17 Scopus Journals)

- 1. Bhishma Karki*, Saddam Husain Dhobi, Kishori Yadav, Jeevan Nakarmi "Radiation Shielding Properties of Oxides (Al 2 O 3, PbO, and Fe 2 O 3) based on Klein-Nishina Cross-section Radiation Shielding Properties of Oxides based on Klein-Nishina Cross-section" Journal of Nepal Physical Society 9(1):45-50. https://doi.org/10.3126/jnphyssoc.v9i1.57597.
- Bhishma Karki*, S H Dhobi, K Yadav, S P Gupta, J J Nakarmi, Amrindra Pal, "Comparative study of boron oxides crystal with different sources X-ray production sources (Cu, Ag, Mo, and Fe)", Materials Letters: X, Vol. 13, 2022, 100110, https://doi.org/10.1016/j.mlblux.2021.100110. (Source Normalized Impact per Paper (SNIP) 2022: 1.4).
- **3.** Parajuli, D., N. Murali, Devendra K. C., **Bhishma Karki**, K. Samatha, Allison A Kim, Mira Park, and Bishweshwar Pant. "Advancements in MXene-Polymer Nanocomposites in Energy Storage and Biomedical Applications". Polymers 2022, 14, 3433. https://doi.org/10.3390/polym14163433.
- **4. Bhishma Karki***, Dhobi, S. H., Nakarmi, J. J., & Yadav, K. "Energy Eigenvalue and Thermodynamic Properties of q-deformed Hulthen Potential". BIBECHANA, 2022, 19(1-2), 165–169. https://doi.org/10.3126/bibechana.v19i1-2.46416.
- 5. R. Deepa,R. Anand,Digvijay Pandey,Binay Kumar Pandey, **Bhishma Karki***,. "Comprehensive Performance Analysis of Classifiers in Diagnosis of Epilepsy", Mathematical Problems in Engineering, vol. 2022, Article ID 1559312, 8 pages, 2022. https://doi.org/10.1155/2022/1559312.
- **6. Bhishma Karki***, Dhobi, S., Yadav, K. and Nakarmi, J. "Energy Eigenvalue of Hulthen Potential Using Nikiforov-Uvarov and Asymptotic Iterative Method of Hydrogen and Hydrogen-Like Atom". Open Journal of Microphysics, 2022,12, 31-46. https://doi.org/10.4236/ojm.2022.121002.
- 7. Bhishma Karki*, Husain Dhob, S., Yadav, K., Jyoti Nakarmi, J. and Khadka, K. "Study of Differential Cross-Section and S-Matrix Using Volkov Function and Taylor Series Expansion for Elastic Scattering". Open Journal of Microphysics, 2022, 12, 105-117. https://doi.org/10.4236/ojm.2022.124006.
- **8. Bhishma Karki***, S. H. Dhobi, J.J. Nakarmi. "The Concentration of Molecular Nitrogen, Oxygen, Argon and Heliumabove Dang, Pokhara and Kathmandu Valley, 2020". Journal of Materials and Environmental Science, 2021, Volume 12, Issue 11, Page 1504-1515.
- **9. Bhishma Karki***, S. H. Dhobi, I. Dhobi. "Optical properties of Transparent Liquid: Water, Oils, and Honey". Journal of Materials and Environmental Science, 2021, Volume 12, Issue 12, Page 1524-1537.
- 10. Bhishma Karki*, Dhobi, S.H., Dhobi, I. et al. "Study the optical properties of drinking water supply by

- KUKL and KVWSIP in Kathmandu Valley". Discov Water 1, 6 (2021). https://doi.org/10.1007/s43832-021-00006-2.
- 11. M R Sundara kumar, S.Sankar, Digvijay Pandey, Binay Kumar Pandey, A Shaji George, **Bhishma Karki**, Pankaj Dadeech. "An Approach to Improve the Water Quality onIndustrial Effluent by Phytoremediation with WaterHyacinth (Eichhornia Crassipes)". EAI Endorsed Transactionson Bioengineering and Bioinformatics. 2021. http://dx.doi.org/10.4108/eai.12-10-2021.171251.
- **12. Bhishma Karki***, S. H. Dhobi, J.J. Nakarmi. "Study of UV Index above Dang, Pokhara and Kathmandu Valley from 2009 to 2020". Journal of Materials and Environmental Science, 2021, Volume 12, Issue 5, Page 715-727.
- **13. Bhishma Karki***, S. H. Dhobi, J.J. Nakarmi. "Feasibility of Nitrate Removal using Hydroxylamine Hydrochloride from Sundarijal River Water through a Laboratory Scale". International Journal of Recent Technology and Engineering, 2021, 9(6):127-131. http://dx.doi.org/ 10.35940/ ijrte. F5336 .039621.
- **14. Bhishma Karki***, Saddam Husain Dhobi, Keshab Ghimire, Deepak Kharel, Sudeep Ghimire, Saddam Husain Dhobi. "Temperature of Electron Inside and Outside of Atom". Technology Reports of Kansai University, 2021, Volume 63, Issue 03.
- **15. Bhishma Karki***, Jeevan Jyoti Nakarmi, Mukesh Jerambhai Keshavani. "Water Purification from Organic Pollutants using a Photo-Oxidation". Research Journal of Applied Sciences, 2019, 14: 192-197. https://dx.doi.org/10.36478/rjasci.2019.192.197.
- **16. Bhishma Karki***, Nakarmi, J. J., Singh, R. B., & Banerjee, M. "Characterization of Ag:Zno Thin Films and Their Use in Photoelectrocatalytic Degradation Of Methylene Blue (Mb)". Journal of Institute of Science and Technology, 2018, 22(2), 109–116. https://doi.org/10.3126/jist.v22i2.19601.
- **17. Bhishma Karki***, Nakarmi, J. J., Singh, R. B., & Banerjee, M. "Fabrication of Au:ZnO thin films by a solution-assisted route for application in photo-electrocatalytic degradation of methylene blue(MB)". Advanced Materials Proceedings, 2017, 2(9), 575-580. https://doi.org/ 10.5185/ amp.2017/984.

INTERNATIONAL CONFARANCE JOURNALS (Peer Reviewed Journals) (7 Scopus Journals)

- 1. Shan Jin, **Bhishma Karki*** Integrating IoT and blockchain for intelligent inventory management in supply chains: A multi-objective optimization approach for the insurance industry. Journal of Engineering Research 2024. https://doi.org/10.1016/j.jer.2024.04.021
- 2. Bhishma Karki*, Saddam Husain Dhobi, Jeevan Jyoti Nakarmi, Digvijay Pandey, Sahar R. Abdul Kadeem, Ahmed J. Obaid, "Study of maximum electric power consumption to produce hydrogen from urine and normal water" AIP Conf. Proc. 2845, 050029 (2023). https://doi.org/10.1063/5.0156991
- Bhishma Karki*, Saddam Husain Dhobi, Mohammed Alzuhairi, Kishori Yadav, Suresh Prasad Gupta, Jeevan Jyoti Nakarmi, Digvijay Pandey; "Study of the differential cross-section in inelastic scattering in presence of weak laser field". AIP Conference Proceedings 2 February 2023; 2457 (1):050012. https://doi.org/10.1063/5.0118359
- **4.** S.H. Dhobia, K. Yadava, A.K. Jhad, **Bhishma Karki**, and J. J. Nakarmia. "Free Electron-Ion Interaction and Its Effect on Output Current of Permeable Exchange Membrane Hydrogen Fuel". ECS Transactions 107(1):8457--8468. https://doi.org/10.1149/10701.8457ecst.

- **5. Bhishma Karki***, Saddam Husain Dhobi, Mohammed Alzuhairi, Digvijay Pandey; "Validity of Nikiforov-Uvarove method for relativistic energy of Dirac equations with central potential". *AIP Conference Proceedings* 9 June 2022; 2454 (1): 040007. https://doi.org/10.1063/5.0078353.
- 6. Bhishma Karki*, Saddam Husain Dhobi, Jeevan Jyoti Nakarmi, Mohammed Alzuhairi and Narayan Gautam. "Variation of mass and time conversion of rest into a non-rest visible photon or vice-versa". Journal of Physics: Conference Series 2nd International Conference on Physics and Applied Sciences (ICPAS 2021) IOP Publishing, https://doi.org/10.1088/1742-6596/1963/1/012117.
- Bhishma Karki*, Saddam Husain Dhobi, Narayan Gautam, Mohammed Alzuhairi and Arun Kumar Shrestha. "Strength of Yukawa Potential for Elementary Masses Less than Meson Mass". Journal of Physics: Conference Series. Volume 1963, 1963 012116. https://doi.org/10.1088/1742-6596/1963/1/012116.

Article Review

93 reviews for 30 publications/grants

SOCIAL NETWORK

ORCID: -https://orcid.org/0000-0003-4351-8099

Google Scholar link: - https://scholar.google.com/citations?user=DIwVwdoAAAAJ&hl=en

ResearchGate link: - https://www.researchgate.net/profile/Bhishma-Karki

Sci profiles: - https://sciprofiles.com/profile/1614922

Scopus ID: - https://www.scopus.com/authid/detail.uri?authorId=57226197392

Publons ID: - https://publons.com/wos-op/researcher/4810477/bhishma-karki/

Frontiers ID: -https://loop.frontiersin.org/people/2234003/overview

JOURNAL AFFILATION

Academic Editor for the PLOS ONE

Academic Editor for The Scientific World Journal (Optics, Wiley)

Academic Editor for the Journal of Sensors (Wiley)

Editorial Board Member for the Discover Applied Sciences, (Springer Nature)

Editorial Board Member for the Scientific Reports, (Nature Portfolio)

Detail: -https://www.latticescipub.com/committee/

Editorial Board: - Lattice Science Publication

Detail: -https://www.ijap.latticescipub.com/editorial-board/

Editorial Board: Journal of Current Engineering and Technology

Detail: -https://www.pubtexto.com/journals/journal-of-current-engineering-and-technology/editorial-board

Editor-In-Chief: - Indian Journal of Advanced Physics (1st January 2021)

Detail: - https://www.ijap.latticescipub.com/editorial-board/

Semantic Scholar ID: - https://www.semanticscholar.org/author/B.-Karki/93698691

LIFE MEMBER IN TECHNICAL SOCIETIES

International Association of Engineers, Engineering Letters

Member Number: 281025, Since 1st February 2018

Nepal Physical Society, since 1st May 2015

Red cross society, Damak Branch, Nepal, Since 1st January 2010

NATIONAL AWARD GOVERNMENT OF NEPAL

GOVERNMENT OF NEPAL MINISTRY OF EDUCATION, SCIENCE, AND TECHNOLOGY AWARDED ME FOR NEPAL VIDYABHUSHAN "A" IN 2023

UN OBSERVER CONFER ANCE AND FOCAL PERSON IN NEPAL

UNFCCC

UNCCD

UNCBD

UNEP

IPBES

EU Business and Biodiversity Platform

UN/CEFACT Forum

OWSD

UN Economic and Social Council (ECOSOC)

PERSONAL INFORMATION

Name: Dr. Bhishma Karki

D.O.B: 21st May 1979

Sex: Male

Marital Status: Married

Permanent Address: Mahadevasthan Koteshower,

Shrinkhalla Galli ward No: -32, Kathmandu, Nepal.

Nationality: Nepalese.

Contact: Mob no: +977-9851014005

Languages known English (excellent)

Hindi (very good) Marathi (excellent) Nepali (excellent)

REFERENCES

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Professor

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[2]. Dr. Nilam Shrestha Pradhan

Professor

Department of Physics, Tri-Chandra Multiple Campus, Tribhuvan University

Tel Phone: +977 9841221611 E-mail: nilamspradhan@gmail.com

Interests and hobbies

Reading motivational books and participating in community development initiatives.

DECLARATION

I hereby declare that the above particulars are true to the best of my knowledge.

Date: March 08, 2025

Place: Kathmandu, Nepal Prof. Dr. Bhishma Karki