

***To extend services through
Research & development to
meet regional, national and
international needs on the path
of Self- reliance India***



Vivek Dixit

Summary

Dr. Vivek Dixit is currently working as Assistant Professor (Senior Grade) in Department of Life Sciences & Biotechnology at South Asian University (SAU), New Delhi since 01/08/2025. Prior to joining SAU, Dr. Dixit was Assistant Professor of Reproductive Biology at AIIMS, New Delhi., Dr. Dixit also served as Research Scientist grade III in the Department of Orthopaedics at AIIMS, New Delhi. Dr. Dixit has more than 22 years of teaching/research experience after obtaining post-graduation. His research interest includes metabolic bone diseases of elderly, effect of vitamin D supplementation in various diseases and disorders, bone health in population, reproductive health and health issues of transgender population. Dr. Dixit did his Masters in Microbiology (both M.Sc and M.Phil). Being gravitated towards public & social health, He acquired formal degree in public health (MPH). Dr. Dixit earned Doctorate from faculty of Medical sciences, University of Delhi in Endocrinology & metabolism. His thesis was stressed towards Postmenopausal osteoporosis. He perused postdoctoral fellowship from Hebrew university of Jerusalem, Israel where he worked on age related metabolic bone diseases. Dr. Dixit also acquired formal experience in Epidemiology from University of Southampton UK followed by observer-ship at Nuffield Orthopaedic Centre, University of Oxford, UK. He was Hony Advisor at Hind Kusht Nivaran Sangh (HKNS), Indian Leprosy Association, Indian Red Cross, New Delhi as well. Dr. Dixit also holds an administrative experience form prestigious institute including IIPA, New Delhi. He served many administrative responsibilities including Nodal officer (EMP) at AIIMS, New Delhi.

Dr Dixit is a Reviewer & editor of prestigious journals and published more than 40 articles of national importance in Peer Reviewed Journal. He visited several countries for research purpose and has many national and international prestigious honors/Awards to credit both in academic & social repute. For his novel research initiative, He was awarded by Hon'ble Vice President of India in Vigyan Bhawan. He is also a recipient of esteemed 'AWSAR' award from department of Science & Technology in 2021. He is a member of many prestigious professional scientific bodies of the country & west. His community Activities involves with a great passion for environment, particularly rivers; he is constantly working in order to rescuing holy river Yamuna in Delhi since 11th April 2013.

Vivek

Professional Qualification:

Visiting Scientist & Observer-Ship	Nuffield Orthopaedics Centre NHS Trust	Oxford University Hospitals, University of Oxford, UK	2017
Epidemiology	MRC Lifecourse Epidemiology Unit	University of Southampton, UK	2017
Postdoctoral Fellowship	Endocrinology & Metabolism	Hadassah-Hebrew Medical Center, Hebrew University of Jerusalem, Jerusalem, Israel	2014
Ph.D.	Medicine (Endocrinology & Metabolism)	Faculty of Medical Sciences, University of Delhi, India	2012
M.HSc	Public Health	Dr. R.M. Medical College, Annamalai University, TN, India	2010
M. Phil	Microbiology	Annamalai University, TN, India	2005
M. Sc	Microbiology	Dr. R. M. L. Avadh University, Faizabad, UP, India	2002
B.Sc.	Biology	University of Lucknow, UP,	2000

- **Current assignment:** Assistant Professor, Life Sciences & Biotechnology at South Asian University, New Delhi
- **Former-**Assistant Professor Department of Reproductive Biology, AIIMS, New Delhi
- **Former-**Scientist-III (Scientist-D) (Metabolic Bone Disease), Department of Orthopaedics, All India Institute of Medical Sciences, New Delhi.
- **Hony Advisor** at Hind Kusht Nivaran Sangh (HKNS), *Indian Leprosy Association*, Indian Red Cross, New Delhi.
- **Professional Research Experience:** > 22 years (After Post graduation)
- **Google Scholar Citation:** > 700
- **H Index-** 10
- **I-10 Index-**10
- **Citation:** Lancet longevity, Nature Reviews and WHO
- **3 National awards from Government of India**
- **Awarded by the Hon“ble Vice President of India, 2020**
- **COVID Worrier (Scientist Category) Award in Vigyan Bhavan, New Delhi, 22nd November 2021**

As Assistant Professor (Reproductive Biology) at AIIMS, New Delhi (w.e.f. 6th April 2024 to 31st July 2025

- Delivered lectures on Methods of fertility regulation in male & Female
- MSc (Reproductive biology & Clinical embryology) entrance exam question design
- MSc theory exam question design
- Doctoral committee meetings
- Seminar/General club
- Research on endometriosis, school reproductive health, Transgender reproductive health
- Departmental coffee-table book preparation
- AIIMS Rishikesh visit (Vishram sadan inauguration) on duty
- PhD Viva-Voice invitee on 19th July 2024-Dept of Reproductive biology
- **Special Invitee Member**” and (PAC Expert) of the Panel of Experts. Copy of **OM SEED/I/WS/07/2017**.
- Invitee at ORBO-2024 Donor felicitation program-2nd Aug 2024
- **Co-Convener & Keynote speaker:** AIIMS humanities initiative-11th Sept 2024
- AIIMS Medical Humanities Initiative, AIIMS, New Delhi is organizing a Lecture series on “Significance of Spirituality in Health Care”. August 7th, 2024
- Completed the workshop on Basic Course in Medical & Health Professions education for faculty members. 29-31st Aug 2024
- Third prize at Hindi Pakhwada-Essay writing Sept 2024
- Guest speaker at Ministry of Defense on Hindi Diwas 17th sept 2024
- Thesis evaluation of PhD student-Rep Bio
- Lecture on Pubertal changes-MSc Rep Bio 17th Sept 2024
- Institute day poster preparation-stage committee
- PhD entrance interview committee member 19th Sept 2024
- MLT interview on 19.9.2024 at 3.30 PM in the Room No. 2083, Dept. of Reproductive Biology, AIIMS, New Delhi.
- Co-Organizing secretary on UN Peace Music Concert at AIIMS, NS (Organized by Dept of Physiology), AIIMS, ND on 23rd Oct 2024.
- **Co-Chair the sessions/event** held on December 4th, 2024 between 12:30 PM to 2 PM at Dr. Ramalingaswami Board Room, AIIMS, New Delhi.
- Moderated the workshop on Drishti se Vivek tak; Reimaging Health Communication in the AI era, on Monday, December 9, 2024.
- Chaired the workshop titled "*The Science of Meditation: Transformation by Choice,*" scheduled for **Wednesday, 11th December 2024**, from **9:30 AM to 01:00 PM**, at Board Room, AIIMS, ND.
- Joint Symposium- AIIMSONIAN of UK for Sustainable health developments, 23-25 Jan 2025 at AIIMS, ND
- **Co-investigator** of project entitled ‘Risk Assessment and Health System Preparedness in a Religious Mass Gathering in India’. March 2025
- **Co-investigator** of project entitled Netra Kumbh. Govt of UP, 2025
- **MCQ/Question design for MS/MD for the year 2025.**
- PhD interview selection panel member on 12/03/2025 for PhD in Reproductive Biology
- Member Expert group meeting for Brainstorming to discuss the logistics content syllabus, and curriculum for the Spiritual Science Department at AIIMS, Delhi held on 4th November 2023, Ramalinga Swami Boardroom, AIIMS, New Delhi.
- Member, Convocation 2025 AIIMS
- Lab Professional Week-Abbott, 30/04/25 at Dept of Reproductive Biology, AIIMS, ND.
- Member-Annual Report Committee, AIIMS, New Delhi, 2025
- Organizing Secretary for International Consultation on guidelines for transgender care at Board room, AIIMS, New Delhi, 7th May 2025.
- Organizing Secretary for International symposium for crop protection, Chemicals and cancer at Board room, AIIMS, New Delhi, 5th June 2025.

Professional Diploma/Certifications/Fellowships

Advanced Certificate in Academic Leadership	Academic Leadership	CEGR, New Delhi	2016
Professional Diploma in Clinical Research (PDCR)	Clinical Research	Catalyst Clinical Pvt Ltd	2004
Basic Course for Scientific Investigator	Electron Microscopy	AIIMS, New Delhi	2006
Fellow	Animal Welfare	Academy of Science for Animal Welfare	2008
DXA Certification	Osteoporosis diagnosis certification	INMAS, New Delhi (IOF)	2010
Certificate in HIV/AIDS and family education	HIV/AIDS	IGNOU, New Delhi	2000
Fellow	Health Technology Assessment	Amrita Institute of Medical Sciences, Kerala	2012

Major Research experiences in Medicine (Endocrinology & Metabolism)

- Assessment of Bone health in Transgender's Population of India, ICMR, New Delhi.
- Reduced Sirtuin1 expression at the femoral neck in women who sustained an osteoporotic hip fracture
- Relationship between Vitamin D and Parathyroid hormone and Vitamin D Receptor Polymorphism in Postmenopausal Women. Maulana Azad Medical College, Faculty of Medical Sciences, University of Delhi (2008-2014)
- Bone Mineral Homeostasis & Bone Mineral Density in Vitamin D sufficient and deficient in patients with hyperthyroidism. UGC (3 year)
- Relationship between Parathyroid hormone and Vitamin D and Vitamin D Receptor polymorphism in Postmenopausal women. ICMR (3 year)
- Youth Diabetic registry (YDR) in India, Indian Council of Medical Research (ICMR) (2 year)
- Hip fracture incidence in India
- Incidence of thyroid in first trimester in pregnancy
- Vitamin D Awareness program (Govt of Delhi)
- Incidence of hip fracture in India. (1 year)

Other Research Experience (Position's held)

- **Scientist-III** in Orthopaedics at AIIMS New Delhi since 19:08:2015 to till date (8.6 years)
- **Research Advisor (Indian Leprosy Association)** 6 months
- **Postdoctoral Fellow**-Department of Endocrinology & Metabolism, Hadassah- Hebrew University Medical Center, Hebrew University of Jerusalem, Jerusalem, Israel (2013-14)
- **Senior Research Fellow (ICMR) & PhD**-Department of Medicine, Division of

Endocrinology, Maulana Azad Medical College (MAMC), faculty of Medical Sciences, University of Delhi, New Delhi-India (16.06.08-15.05.14)

- **Microbiologist**-Center for Occupational & Environmental Health, Maulana Azad Medical College (MAMC), New Delhi, India (01.03.08-15.06.08)
- **Research Assistant**-Department of Biochemistry, Institute of Home Economics (I.H.E.) University of Delhi, New Delhi, India. (01.03.07-30.09.07)
- **Research Assistant**-Department of Microbiology, Division of Medical Mycology, Maulana Azad Medical College (MAMC) University of Delhi, India. (01.03.06-30.06.06)
- **Research Assistant**-Department of Neurology, Sanjay Gandhi Post Graduate Institute of Medical Sciences (SGPGIMS) Lucknow, U.P India. (01.03.04-30.09.04)
- **Research Assistant**-Department of Hematology, Sanjay Gandhi Post Graduate Institute of Medical Sciences (SGPGIMS) Lucknow, U.P.India. (01.03.03-30.09.03)
- **Research Assistant**-Department of Microbiology, King George's Medical University (KGMU), Lucknow, U.P. India. (01.03.01-30.07.01)

Reviewer (Peer Reviewed Journal)

- Indian Journal of Medical Specialties (IJMS) ISSN-0976-2884 (2013 to till date).
- International Journal of Scientific Publication and Research (2014 to till date)

Editor:

- Journal of Transgender health
- International Journal of Research publication (IJRP) from August 2017

Reviewer: SEED Division, DST, GOI

Book Chapters

- **Vivek Dixit**, James Pegrum, Bhavuk Garg, Nishank Mehta, Vijay Kumar, Dinesh K Dhanwal, Rajesh Malhotra; "Osteoporosis in Female: Strategies for Prevention, Promotion and Restoration of Bone Health", in Current Challenges and Management of Diseases in the Elderly Population; Chapter-5, 161- 192, Nova Science Publishers, New York, USA.
- Covid-19 infection, inception and Immunity; Is Vitamin D an Answer? (QUORA)
- Vitamin D: Bone health & beyond (Cambridge scholar publications) In progress

Meta-analysis

- Mahesh Kumar Seth, Sarthak Gulati, Shreya Gulati, Amit Kumar, Dimple Rawat, Aradhana Kumari, Rohini Sehgal, Rinchen Zangmo, **Vivek Dixit**, Premlata, Arti Gulati. "Association of Leptin with Polycystic Ovary Syndrome: a Systematic Review and Meta-Analysis" The Journal of Obstetrics and Gynecology of India. J Obstet Gynaecol India 2021 Dec;71(6):567-576.

Publication

Review article

1. Pegrum J, **Dixit V**, Padhiar N, Nugent I. The Pathophysiology, Diagnosis and Management of the Stress fracture of the foot. The Physician and Sports Medicine. Phys Sportsmed. 2014 Nov; 42(4):87-99. doi: 10.3810/psm. 2014.11.2095.
2. Bhavuk Garg, **Vivek Dixit**, Sahil Batra Rajesh Malhotra, Alok Sharan. Non- surgical

management of acute osteoporotic vertebral compression fracture: A review. 2016. Journal of Clinical Orthopaedics and Trauma, Volume 8, Issue 2, April–June 2017, Pages 131-138.

3. Niraj Kumar Srivastava, Somnath Mukherjee and **Vivek Dixit**. Diagnostic approaches of Duchenne Muscular Dystrophy (DMD): One critical view". SL Clinical Medicine: Research (Scientific literature). Dec 24, 2020.

Peer view article/Published

Dixit V et al. The Third gender in a Third world country: An AIIMS Initiative. Jr of human rights and social work 2023 Apr 29;1-6. doi: 10.1007/s41134-023-00238-3.

- **Dixit V**, Dhanwal DK, Tripathi RL. Lack of secondary hyperparathyroidism in sub-group of vitamin D deficient postmenopausal women: Is VDR gene polymorphism behind this mystery? Diabetes Metab Syndr 2022 Jan;16(1):102381.
- **Vivek Dixit**, Bhavuk Garg, Nishank Mehta, James Pegrum, Dinesh Dhanwal. COVID-19 infection, inception and immunity: Observations and recommendations in the light of vitamin D? J Infect Public Health. 2021 Jan 19;14(4):444-445.
- Rawat D, **Dixit V**, Gulati S, Gulati S, Gulati A. Impact of COVID-19 outbreak on lifestyle behaviour: A review of studies published in India. Diabetes Metab Syndr Jan-Feb 2021;15(1):331-336. (Cited by Lancet, 2021)
- Bhavuk Garg, Nishank Mehta, Arun M Swamy, Sunil Kumar, **Vivek Dixit**, Vivek Gupta. Reliability and validity of a cross-culturally adapted Hindi version of the SRS-22r questionnaire in Indian patients. Spine Deform. 2020 Oct; 8(5):885-891.
- Chawla L, Shivanand M, **Dixit V**, Bandekar B, Krishnamoorthi A, Sushanth Mummigatti. Functional outcome of patellar resurfacing vs non resurfacing in Total Knee Arthroplasty in elderly: A prospective five year follow-up study. Journal of Arthroscopy and Joint Surgery (JAJS), 17 September 2018
- **Dixit V**, Dhanwal DK, Tripathi RL. All vitamin D deficient postmenopausal women; do not have secondary hyperparathyroidism. Arch Osteoporos. 2018 May 27;13(1):62.
- Bhavuk Garg, Sahil Batra, **Vivek Dixit**. Solitary anterior osteochondroma of cervical spine: An unusual cause of dysphagia and review of literature. J Clin Orthop Trauma. 2018 Mar; 9 (Suppl 1):S103-S105.
- **Vivek Dixit**, James Pegrum, Dinesh K Dhanwal, Sahil Batra, Bhavuk Garg. Is there a need of Vitamin D supplementation programme in India (VDSPI)? A letter to the Editor. J Clin Orthop Trauma. 2018 Mar;9(Suppl 1):S56-S57.
- **Vivek Dixit**, Sahil Batra, Bhavuk Garg. An unexpected healing of an established non union of the radial neck through teriparatide: A case report and review of literature. J Clin Orthop Trauma. 2018 Mar;9(Suppl 1):S103-S105.
- **Vivek Dixit**, James Pegrum, Dinesh K Dhanwal, Sahil Batra, Bhavuk Garg. The Need of Vitamin D Supplementation Programme in India. J. Adv. Res. Med. 2017; 4(3&4).
- B Garg, S Batra, **V Dixit**. India contribution to Spine Surgery: 15 most influential articles. Journal of Clinical Orthopaedics and Trauma. Volume 8, Issue 2, April–June 2017, Pages 181-184.
- **Vivek Dixit**, Dinesh K Dhanwal, James pegrum. Tibial stress fracture: Is there a need for vitamin D supplementation! 2017 J Fract Sprains 1(1):1004.
- El-Haj M, Gurt I, Cohen-Kfir E, **Dixit V**, Artsi H, Kandel L, Yakubovsky O, Safran O, Dresner-Pollak R. Reduced Sirtuin1 expression at the femoral neck in women who

- sustained an osteoporotic hip fracture. *Osteoporos Int.* 2016 Jul;27(7):2373-2378.
- Vinay Singh, **Vivek Dixit**, Sandeep Garg, Dinesh K Dhanwal. Complete Remission in Newly Diagnosed Type 1 Diabetes Mellitus Patient. *J. Adv. Res. Med.* 2015; 2(3).
 - **Vivek Dixit**, Vinay Singh, Sandeep Garg, Dinesh K Dhanwal. Vitamin D supplementation improves BMD in hyperthyroidism. *J. Adv. Res. Med.* 2015; 2(3).
 - Harsh arora, **Vivek Dixit**, Nidhi Srivastava. Evaluation of knowledge, practices of vitamin D and attitude toward sunlight among Indian students. *Asian J Pharm Clin Res*, Vol 9, Issue 1, 2016, 308-313.
 - Dhanwal DK, R. Siwach, V. **Dixit**, A. Mithal, K. Jameson, and C. Cooper. Incidence of hip fracture in Rohtak district, North India. *Arch Osteoporos.* 2013 December; 8(1- 2): 135.
 - Dinesh K. Dhanwal, Sudha Prasad, A. K. Agarwal, **Vivek Dixit**, A. K. Banerjee. "High prevalence of subclinical hypothyroidism during first trimester of pregnancy in North India. *Indian Journal of Endocrinology and Metabolism*". Mar-Apr 2013; Vol 17: Issue 2. P 281-4. 2230-9500
 - Dhanwal D K, Marwah R K, **Dixit V.** "Status of Bone Mineral Density in patients with Hyperthyroidism". *Journal of Advance Research in Medicine.* 2014; Vol.1, Issue1, P 58-68.
 - Akanksha, **Vivek Dixit**, Dr. Dinesh Dhanwal. "Handgrip Strength as a Measure of Sarcopenia in Type 2 Diabetes Mellitus". *Journal of Advance Research in Medicine.* 2014; Vol.1, Issue1, P 15-23. 2456-8899
 - Singh A, **Dixit V.** Neuropsychological and psychiatric effect of epilepsy on patients' quality of life. A comparative short term study. *Annals of General Psychiatry*, 2007, 7(suppl 1):S162. 1744859X
 - Singh A, **Dixit V.** Unilateral deep brain stimulation of thalamic nuclei for treatment of intractable tremor of Parkinson's disease. *Journal of Parkinsonism and related disorder*, 2007, ISSN 1353-8020, Vol. 13, Issue: S2, Page no. 171.
 - Nag VL, **Dixit V.** Agrawal SK. Human immunodeficiency virus type – I antibody in urine. *Indian Journal of Nephrology (IJN)* Vol. 15, Issue 3, page S32-S33 July-Sep.2005. 0971-4065
 - **Dixit V.** (Multi author) to evaluate the safety and efficacy of lamotrigine in patients of epilepsy, accepted by *Indian Journal of Medical Research (IJMR)* AIIMS, New Delhi (as acknowledgement).

Scientific Article (Motivational)

Vivek Dixit. "Science for Non-Scientist". *International Journal of Scientific and Research Publication (IJSRP)* ISSN: 2250-3153, 2014, Vol 4; Issue 2.

Posters/Oral Presentation (International conferences)

1. 3rd Annual AIIMS Research day, 29-30th Jan 2024, PARAMARSH mobile application for patient care: An AIIMS New Delhi Initiative.
2. Fracture prediction and bone health status in Transgender population, presented in 11th Fragility Fracture World Congress, Oslo, **Norway**. 3-6th Oct 2013.
3. **Dixit V.** Sirt1 expression in Postmenopausal Women. **DOACON**, AIIMS, New Delhi-2018
4. **GOSICON**- AIIMS, New Delhi 2018
5. 1st Annual Research Day, AIIMS New Delhi

6. **SYSCON**- AIIMS, New Delhi 2018
7. International Conférence on Récent Advancement in Food fortification policy-2019, Jamia Milia Islamia.
8. **V.Dixit**, Sahoo S, Dharmashaktu P, Kumar S, Dhanwal DK “Risk factors in hip fracture in India“ ISBMR at SKIMS, Srinagar, 7-8 sept, 2013.
9. **Dixit V**,Dhanwal DK, Tripathi RL, „Bone metabolism in postmenopausal women“ in 8th ISBMR meeting (29-30 sep, 2012) at SGPGIMS, Lucknow,UP,India
10. **Dixit V**,Dhanwal DK, Tripathi RL, Vitamin D Receptor gene Polymorphism in Relation to Parathyroid hormone and vitamin D in Postmenopausal Women“.2012 (23) Suppl 2; S85-S386. Bordeoux, France 2012
11. **Dixit V**, Oral presentation on „Vitamin D Receptor gene Polymorphism in Relation to Parathyroid hormone and vitamin D in Postmenopausal Women (med Update),2011
12. Nag VL, **Dixit V**, Agrawal SK, Human immunodeficiency virus type – I antibody in urine in 4th World congress of the World Society for Pediatric infectious diseases, Warsaw, **Poland**. September 2005.
13. **Dixit V**, Nag V, Tondon R, Agrawal SK, Oropharyngeal candidiasis in HIV seropositive individuals and their CD4/CD8 cell count ratio. Presented in International conference on opportunistic pathogen in AIDS, AIIMS, **New Delhi**.
14. Nag VL, **Dixit V**, Chaudhary K, Tondon R, Agrawal SK. Oropharyngeal candidiasis in HIV seropositive patients and their CD4/CD8 T cell count ratio. 5thworld congress of the world society for pediatric infectious diseases. (WSPID), Thailand, **Bangkok**. July 15-17, 2007.
15. Singh A, **Dixit V**, Immunology of Multiple Sclerosis, Current Concepts at Cellular and Molecular Level. International Conference Advances in Clinical Neuro- immunology held on 7-8 December 2007 in Poznan, **Poland**.
16. Hemanta k Nayak, SunitaAgargwal, Sandeep Garg, **Vivek Dixit** and Dinesh K Dhanwal, Prevalence of various Co-morbidities in North Indian adult obese patients.RSSDI, 18th Sep.2011, New Delhi.
17. **V Dixit**, R. Marwaha, S. Garg, Dhanwal D. Vitamin D status in patients with Hyperthyroidism” 1st Asia Pacific Osteoporosis Meeting. 9-13 December, **Singapore**.
18. **V Dixit**, R. Marwaha, S. Garg, Dhanwal D. Bone mineral homeostasis and bone mineral density in Hyperthyroidism” 1st Asia Pacific Osteoporosis Meeting. 9-13 December, **Singapore**.
19. D. Dhanwal, A Mithal, R Siwach, **V. Dixit**, J Jameson, Cooper C. „Incidence of Hip fracture in Rohtak; North India“ ANZBMS, 4-8 sep 2011, Australia.
20. P. Dharmashaktu, D. Dhanwal, S. Kumar, S. Sahoo, **V.Dixit**. Risk factor profile of young hip fracture patients in India. Osteoporosis Int. 2013 (24) Suppl 4; S539-S647.
21. D.K.Dhanwal, S. Sahoo, P. Dharmashaktu, S.Kumar. V.Dixit.Mortality and functional impairment after hip fracture: A Prospective study in Indian Population.2013 (24) Suppl 1; S33-S67.
22. Garg B, Dixit V, Batra S. 15 most influential articles in the field of spine surgery. Spine J (Under review)
23. Garg B, Dixit V, Batra S. Healing of established non union radial neck after one year: A miracle through teriparatide: A case report and review of literature. Chinese J of Traumatology.
24. Bhavuk Garg, Vivek Dixit, Sahil Batra, Rajesh Malhotra, Alok Sharan. Non-Surgical Management of Acute Osteoporotic Vertebral Compression Fracture: a Review. JCOT

Panel/Keynote Speaker/Guest lecture:

- From Capacity building to Nation building“ Sept 2023 at IIPA, New Delhi
- Science, society and superpower India: Challenges and responsibility & expectations from Nari Shakti“ Dec 2022 at IIPA, New Delhi.
- Morality, Ethics and Human values in Science, Oct 2021, IIPA, New Delhi.
- Morality ethics and human values in medical sciences, at IIPA, New Delhi on 22nd Nov 2022.
- 9th International Conference on Food Processing, Nutrition and Fortification with emphasis on Vitamin D, 2020 at Jamia Hamdard, New Delhi, India 2019
- 8th International Conference on Food Processing, Nutrition and Fortification with emphasis on Vitamin D, 2020 at Jamia Hamdard, New Delhi, India, 2018
- International Water Submit- IIC, 2018
- World Nutrition Conference- London, UK 2020
- Shaheed Rajguru College, University of Delhi, Sept 2021
- Defense State Services, Ministry of Defense, GOI, Sept 2021

Foreign Visits (Research Purpose)

- 4th World congress of the World Society for Pediatric infectious diseases (WSPID), **Warsaw, Poland**. September 2005
- XVII World Congress of Parkinson“s Disease and Related Disorder, **Amsterdam, the Netherlands**. 9 to 13 December 2007
- 1stAsia Pacific Osteoporosis Meeting. **Singapore**. 9-13 December, 2010
- 27th ECCEO-12 „European Congress on Osteoporosis & Osteoarthritis, **Bordeaux, France**. 21-24 March, 2012
- Postdoctoral Fellowship- Hebrew University of **Jerusalem, Israel**
- Training in Epidemiology from Lifecourse Epidemiology Unit, University of **Southampton, UK**. 4-6 January, 2017
- Visiting Scientist & Observer-Ship at Nuffield Orthopaedic Centre, NHS Trust, Oxford University hospitals, University of **Oxford, UK**. 7-21 January 2017.
- 11th Fragility Fracture World Congress, **Oslo, Norway**. 3-6th Oct 2023.

Honors/Awards/ scholarship

- 2nd Prize in Annual Essay competition (**Group A**), AIIMS, ND. Sept 2023.
- AIIMS Endowment Travel award for FFN Congress, Oslo, Norway. Oct 2023
- **Certificate of commendation** for research in Orthopaedics, 2nd Research Day, AIIMS, 18th Nov 2022.
- **Second Prize** in Essay writing (group A), AIIMS, New Delhi, Sept 2021.
- **Water Heroes Award**, from Ministry of Jal Shakti, GOI, 2021
- **AWSAR-DST Award, GOI**, Vigyan Bhawan, New Delhi, 2020
- **First Prize** in All India Level Competition organized by Indian Institute of Public Administration (IIPA, New Delhi) “COVID-19 & Public health System” (**Conferred by Hon“ble Vice president of India**), 2020.
- Young Achiever Award, IIC, 2021

- 25 Most influential Youth Award, Delhi, 2021
- **First Prize** in Essay writing during Annual Hindi Pakhwada (**Official- Group A**) Hindi awards at AIIMS, New Delhi-Sept 2019
- **Second Prize** in Poetary during Annual Hindi Pakhwada (Official) Hindi awards at AIIMS, New Delhi-Sept 2019
- **Third Prize** in debate during Annual Hindi Pakhwada (Official) Hindi awards at AIIMS, New Delhi-Sept 2019
- **First prize** in „Debate“ during Annual Hindi Pakhwada (Official) Hindi awards at AIIMS, New Delhi-Sept 2018
- **First prize** in „Poetry“ during Annual Hindi Pakhwada (Official) Hindi awards at AIIMS, New Delhi- Sept 2018
- **Third prize** in „Essay writing“ (Group A/Faculty) during Annual Hindi Pakhwada (Official) Hindi awards at AIIMS, New Delhi- Sept 2018
- **Navratna Award** (Saroj Bhatia Memorial Award for Social service), 2017
- **Young Researcher Award** at „Platelet activity“ at AIIMS New Delhi. 2018
- **Young Dynamic Researcher Award** at World Cancer day at AIIMS, New Delhi.2018
- **Young Leader Award** from CEGR New Delhi 2017.
- **Social Recognition Award** by kunwar Singh Sewa Samiti (Reg), Delhi-2018
- Post-doctoral fellowship from Hadassah Medical School, Hebrew University of Jerusalem-2013-14
- International scholarship in international conference for opportunistic pathogen in AIDS, (ICOPA), 2006, AIIMS, **New Delhi**. India
- International scholarship “Melvin Yahr Foundation Fellowship” for XVII World congress of Parkinson’s disease and related disorder, 9 to 13 December 2007, **Amsterdam, The Netherlands**.
- IJEM-2013 excellence award for the article “High prevalence of subclinical hypothyroidism during first trimester of pregnancy in North India”. Indian Journal of Endocrinology and Metabolism”. Mar-Apr 2013; Vol 17: Issue 2.P 281-4.
- Department of Science & Technology (DST), New Delhi, Travel award for ECCEO-12, Bordeaux, France.
- Council for Science & Technology (CSIR), New Delhi Travel award for 2nd IOF-Singapore.
- Associate of Science (ASc), from Academy of Science for Animal Welfare, India
- Fellow of Science (FASc), from Academy of Science for Animal Welfare, India

Administrative Responsibilities (Scientific):

- **Member (Transgender health)** Ministry of Social Justice & Empowerment, GOI
- **Member: SEED Division, DST, GOI**
- **Nodal Officer** for Environment Protection Plan, AIIMS, New Delhi. Aug 2023
- **Co-Organizing Secretary** for International Conference on Medicine & Meditation, Dept of Physiology, AIIMS, ND- July 2023.
- Co-coordinator of AIIMS Society of Young Scientist (Reg) 2018
- Member of Executive Council SYSCON 2018
- Organizing committee in DOACON AIIMS New Delhi, 22-24 November 2018
- Organizing committee in GOSICON, AIIMS New Delhi, 6-8 September 2018
- Co-Organizing Secretary-Medicine & Meditation, Dept of Physiology, AIIMS, ND, July 2023
- **Co-Organizing Secretary** at Medicine & Meditation, Dept of Physiology Aug 23-25, 2023, JLN Auditorium, AIIMS, New Delhi

- **Co-Organizing Secretary for CHARDHAM** (High altitude medicine) April 19, 2023, Ramalingaswami board room, AIIMS, New Delhi
- Member for the **3rd Research Day**“ celebrations to be held on 30th January, 2024.
- Member for the **2nd Research Day**“ celebrations to be held on 30th January, 2023.

Teaching Experience: Visiting Faculty

- At Integral Institute of Technology (IIT-Dwarka), Under Ministry of Technical Education, Govt. Of NCT of Delhi (Subject-Medical Biotechnology to undergraduates)- 6 Months.
- Visiting faculty at IMS Gaziabad, University Course Campus.
- NIMS, Jaipur

Moderator/Supervisor-ship: AIIMS, New Delhi

- Appointed as Moderator in the Department of Surgical discipline for July-November 2018 to teach Post-graduate (MCh) students for weekly seminar and academic activity.

Other Academic Accomplishments

- **Invited Speaker** from dept of Physiology, AIIMS, New Delhi on Importance of bone health. Aug 2023
- **Invited Speaker** in International Conference on „Recent advancement in food fortification with emphasis on Vitamin D deficiency in human health“ (VDC) 15-16 September, 2018
- CEGR Advanced Certified Academic leader (2016).
- Invited Speaker for the Management Training for District Leprosy Staff at Delhi Health Services (HQ), New Delhi, on “**Research Methodology; The Manifesto for Research**”. 9-10th June 2015.
- **Guest Lecture** on “A holistic approach towards science for budding scientist” at NIMS University, Rajasthan, 2015.
- **Guest lecture** on “Vitamin D and its impact on overall health” at IMS Gaziabad, 21 august 2018.
- **Guest lecture** on “The role of exercise on bone health” at Department of Neurology, IMS, BHU on 11th July 2018.
- **Certified Specialist** in Electron Microscopy in “**XXII National Training programme in Electron Microscopy for Scientific Investigator**“s, at All India Institute of Medical Sciences (AIIMS), Nov. 2006, New Delhi.
- **Instrumentation Proficiency:** As „Research Assistant“ experienced in Waste Water analysis technique, Ambient and Stack Gases Monitoring.Spectroscopy, Chromatography, BOD &COD Incubators. Along with another projectentitled “Removal of chrome from tannery effluent with special reference to *E.Coli*”under the supervision of Dr. Sushil Kumar, Chief Scientific Officer, Uttar Pradesh Pollution Board, Gomati Nagar, Lucknow.01.08.03-31.01.04

Conferences/workshop/CME/Symposia

- 11th Fragility Fracture World Congress, Oslo, Norway. 3-6th Oct 2013.

- Workshop on Higher Education leadership and management, 25-26th June, 2016, CEGR, New Delhi.
- Management Training for District Leprosy Staff, Delhi Health Services HQ, 9-10 June 2015
- Review Meeting for National Leprosy Eradication Programme (NLEP) Delhi Health Services HQ, 2-3 June 2015.
- Special invitee for International conference on **“ICT in Law for digital India & Make in India”** powered by CMAI and Ministry of law, GOI, at New Delhi on 20th May 2015.
- Second National seminar on **“Higher Education: What India Needs?”** from Centre for Education Growth and Research (CEGR) at India International Centre, New Delhi on 24th April, 2015.
- National Workshop on **„Hands on Training in Molecular Techniques in Biotechnology“** organized by VPCI and University of Delhi, 23-24 December 2013.
- ISBMR at SKIMS, Srinagar, 7-8 Sept, 2013.
- Workshop on **„How to Write Scientific Paper“** at M. A. Medical College, New Delhi on 23rd February 2012.
- Workshop on **Youth Diabetes Registry (YDR)** workshop (ICMR) at IMA Building, New Delhi, 2012
- **Medicine UPDATE-2012**, M. A. Medical College, New Delhi, November, 2011
- **7th Annual Conference of RSSDI**, Delhi Chapter, Hyatt hotel, 18th Sep. 2011, New Delhi.
- **3rd Annual Conference & Workshop on Research**, Theme: **„Biotechnological Research Advances“** IAPS at PGIMER, Dr R.M.L. Hospital, New Delhi
- **28th Annual Conference of Indian Association of Medical Microbiologist”** at SGPGIMS, Lucknow. Aug 2003
- **“UP Chapter Indian Association of Medical Microbiologists”** 1st Annual Congress, UPMICOCON – 2005, at IMS, BHU, Varanasi.
- **“Use of advanced Bio-statistical techniques in Medical Research”** conducted by Research cell, King George’s Medical University, Lucknow.
- **3rd S.R. Naik Memorial Workshop "Use of Computers in Bio-Medical Sciences"** at SGPGIMS, Lucknow.
- **“International conference for opportunistic pathogen in AIDS”** (ICOPA), AIIMS, New Delhi. 2006.
- National Symposium in **“Nanotechnology in Medicine”** by Society of Young Scientists at All India Institute of Medical Sciences, 13 January 2007.
- **“National Hematology UPDATE”** at Organized by Department of Hematology, All India Institute of Medical Sciences, 23-24 Feb. 2007.
- **“International Conference on Hazards of Asbestos Exposure in India”** organized by Indraprastha Vyavsayik Evam Paryavarneeya Swasthya Samiti an Autonomous Body under GNCTD in Collaboration with DGFASLI, Ministry of Labour, Govt. of India & Collegium Ramazzini. At College of Nursing, Lok Nayak Hospital, New Delhi. Dec 3rd 2006.
- **4th “World congress of the World Society for Pediatric infectious diseases”** (WSPID). Warsaw, Poland. September 2005
- **XVII “World Congress of Parkinson’s disease and related disorder”** Amsterdam, The Netherlands. 9 to 13 December 2007.
- Presented a paper (oral) A useful algorithm for the management of stress fracture of

foot in DOACON AIIMS New Delhi, 22-24 November 2018

- Presented a paper (oral) Sirt1 gene expression in postmenopausal women with hip fracture in GOSICON AIIMS New Delhi, 6-8 September 2018

Membership in Honorary/Professional Societies

- Life member-Society for endocrine health in Elderly, adolescent and children (SEHEAC), ND 2023
- Life membership of Indian Institute of Public Administration (IIPA), New Delhi
- Life member of Indian society for radiation Biology (ISRB/D-16/387)
- Asia Pacific Travel health Society (APTHS)
- Life Member of Indian Red Cross Society (IRC) Reg. No. 2887/05/06
- Member of Molecular Cellular and cognition Society(MCCS)
- Member of International Society of Neurochemistry(ISN)
- Member of International Brain Research Organization(IBRO)
- Member of the European society for pediatric infectious diseases (ESPID)
- Member of The World Society for Pediatric infectious diseases (WSPID)
- Member of Australian Life Scientist (ALS)
- The European Association for Cancer Research (EACR)Life member of Society of Environmental Biology(MSEAB)
- Member of Rural health syndicate, (IAMR) Kolkata
- Fellow of Rural health syndicate, (IAMR) Kolkata
- Member of Indian Society of Bone & Mineral Research (MIBMR), New Delhi

Academic/Practical Skills

- Scanning Electron Microscopy (SEM)
- Transmission Electron Microscopy (TEM)
- Confocal/Fluorescent Electron Microscopy & Light Microscopy
- DNA / RNA extraction/ Western blot
- Gel electrophoresis, PAGE, PCR, RFLP, ELISA (urine / Serum)
- Culture of Bacterial sensitivity test
- FACS (Fluorescent activated cell sorting/caliber)
- Lymphocyte/Neutrophil separation
- Waste Water analysis technique, Ambient and Stack Gases Monitoring
- Spectroscopy, Chromatography, BOD &COD Incubators
- PTH/Vitamin D quantitative estimation (IRMA/RIA)
- Dual energy X-Ray absorbitometry (DXA) Scan

Community Activities

- Recognized as **COVID Warrior** from Prestigious NGO's/ Society
- Recognized as AIIMS Swachhta Prahri in 2018
- Panel Speaker at India International centre at Water Expo Event. May, 2017.
- Produced a social documentary "Dilli ki Yamuna" for save Yamuna river
- Member of People's Heath Foundation (PHF) Lucknow, U.P. India.
- National Service Scheme Certificate (NSS)
- Pulse Polio Immunization camp at R.L.B. Memorial School, Rajajipuram, Lucknow, UP, India. 2000.

- Neurology/Immunology Camp under People's Health Foundation (PHF) at Raibareilly U.P. India, 2005.
- Active team leader and participant in a documentary (River) produced by Scroll.in.
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Environmental and Public Health Contribution

- "SWACHA YAMUNA ABHIYAN" (SYA): A Voluntary cleanup drive, aimed to turn garbage free Yamuna River in New Delhi since 11th April 2013 to till date
Participated in more than 50 health camps across the country

Scientific Representation

- Representation of "MAMC Research Forum": A Forum of Research Fellows for the promotion of scientific and Medical Research in Maulana Azad Medical College, New Delhi.

Advisor- Society for young Scientist (AIIMS, ND), 2020-21

Personal Profile

- Date of Birth: 04-02-1980
- Father's Name: Sri. R.P.Dixit
- Marital Status: Married
- Nationality: Indian
- Languages Known: Hindi/English

Sept 2025

vivek dixit