



CURRICULUM VITAE: DR. KRISHAN KANT

Principal, Aggarwal P.G. College, Ballabgarh

Distt. Faridabad (NCR) – 121 004 (Haryana) India

(A Post Graduate College with CPE status by UGC & NAAC Accredited 'A++' Grade with CGPA 3.57)

(Affiliated to Maharshi Dayanand University, Rohtak, Haryana 124 001, (India))

- A. Name:** Krishan Kant
- B. Designation:** Principal
- C. Official Address:** Aggarwal College, Tigaon Road
Near Ambedkar Chowk, Ballabgarh
Distt. Faridabad (NCR), (Haryana) - 121004, (India)
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- D. Home address:** H.N. 403, Sector-17, Faridabad Haryana
(M) +91-9212086060; 9212389614
- E. Date of Birth:** 2nd August N.H. Sixty Seven (02-08-1967)

F. Academic & Professional Achievements

(a) ACADEMIC QUALIFICATIONS

- M. Sc., M. Phil., Ph. D.
- Throughout first class career
- Gold Medalist (Stood first with distinction) in M. Phil. (1988-1989)

(b) PROFESSIONAL ACHIEVEMENTS

- EC Member, YMCAUS&T, Faridabad (2018-2020)
- EC Member, Indian Society of Analytical Scientists (Delhi Chapter) (2018-2021)
- Member, Committee for Curriculum Reforms and Implementation of Choice Based Credit System at UG/PG Level, M.D. University Rohtak for session 2018-19.
- Member, Grievance Redressal Committee for Technical Institutions, YMCA University of Science and Technology, Faridabad (2018-2020)
- Member, Advisory Board, Nuclear Track Society of India (2017 onwards)
- Patron, Nuclear Track Society of India, 2015-2017
- Elected President, Nuclear Track Society of India, 2013-2015
- National Assessment and Accreditation Council (NAAC) ASSESSOR
- Member, Admission Committee, M.D. University Rohtak (2017-2019)
- Member Youth Welfare Committee, M.D. University, Rohtak (2017-2018)
- Chairman, Sub-committee to review and finalise the criteria for the Sir Jean Henry Dunant Trophy, YRC, M.D. University, Rohtak
- Member, Academic Council, M.D. University Rohtak

- Member, Court, MD University Rohtak
- Member, Academic Council, YMCA University of Sc. & Tech. Faridabad (2015-18)
- Member, Committee for introduction of Compulsory Subject of Disaster Management, Moral Value Education and Environmental studies, MD University Rohtak
- Member, Advisory Committee, Introduction of Outreach Programme, MD University Rohtak
- Member as VC Nominee, Sports Board and Sports Council, MD University, Rohtak 2016-17 and 2017-2018
- VC Nominee, Governing Body, LIMT, Faridabad
- Member, Committee for amendments in rules for evaluation and re-evaluation, MD University Rohtak
- Member, Committee for appointment of Teaching staff for examination duties, MD University Rohtak
- Member, Regional Advisory Committee, Ministry of Labour and Employment, Govt. Of India (2013-2015, 2015-2017)
- Member advisory committee and District Convener, Youth Red Cross (2016-2018), MD University, Rohtak
- Member advisory committee and District Convener, NSS (2016-2018), MD University, Rohtak
- Nominated Member to 7th Pay Review Committee, MD University, Rohtak
- Supervised students for Ph.D.
- Guiding many more for their Ph.D. Work.
- Published/Presented 294 Research papers in International/National Journals/ proceedings of International and National conference/ seminars etc (list enclosed).
- Attended 31 International and 90 National Conferences/Seminars/Workshops
- Keynote Speaker in 3rd International WONUC Conference at Shahid Beheshteh University, Tehran (IRAN), 21-23 Oct. 2003.
- Keynote Speaker in National Conference on Recent Trends in Physics and Electronics (NPE-2016), SGGSK College, Mahilpur (Punjab), 25-26 Nov 2016.
- Presented Paper in 22nd International Conference on Nuclear Tracks in Solids at Barcelona (Spain), 24-27 Aug. 2004.
- Presented Paper in International Conference on Environmental Radioactivity: From Measurements and Assessments to Regulation, 23–27 April 2007, Vienna, Austria.
- Presented Paper in International Conference on Gas Geochemistry, 01-08 October 2007, National Taiwan University, Taipei, Taiwan.
- Presented Paper at 25th International Conference on Nuclear Tracks in Solids at Puebla, Pue, Mexico, 04-09 Sep. 2011.
- Presented paper at 26th International Conference on Nuclear Tracks in Solids at Kobe, Japan, 14-19 Sep. 2014
- Invited Speaker in 57 National /International Conferences/Seminars/Symposia/ Workshop/FDPs /Orientation Programmes
- Organizing Committee member in Several national/International Conferences
- Chaired technical sessions in 29 International/National Conferences/Workshop
- Chief Patron, Journal of Library and Information Management (JLIM)
- Associate Editor, ISST Journal of Applied Physics
- Member, Editorial Board, IJRR, Tehran, Iran

- Reviewing research papers of various International and national journals
- Appointed as expert member of Physics on the P.G. Research Board, Bikaner, University, Bikaner, 2006.
- Appointed as Expert, BOS and Faculty of Distance Education, MD University Rohtak
- Elected Vice President, Nuclear Track Society of India, 2009-2011, 2011-2013
- Elected Joint Secretary, Nuclear Track Society of India, 2005-2007, 2007-2009
- Patron, Haryana Women's Welfare Association (HWWA), Faridabad
- Nodal Officer, National Education Policy, Haryana
- Elected General Secretary, Haryana Private Aided Colleges Principals' Association (2015-18)
- Elected Vice President, Haryana Private Aided Colleges Principals' Association (2018-20)

(c) MEMBERSHIPS

- Life Member (LM-218) of NTSI (Nuclear Track Society of India, BARC, Mumbai).
- Life Member (L-10367) of ISCA (Indians Science Congress Association, Kolkata)
- Life Member (LM-274) of IAAPC (Indian Association for Air Pollution Control, Delhi Chapter)
- Life Member (ILM/98) of Intellectuals Society for Socio-Techno Welfare (ISSTW)
- Life Member of International Environmental Science Forum (IESF)
- Life Member of Society for World Peace (Regd.)
- Member, INTS (International Nuclear Track Society)
- Life Member, Indian Red Cross Society
- Life Member, Indian Society of Analytical Scientists – Delhi Chapter

(d) AWARDS

- Appreciation Award for Excellent Performance in NAAC A&A and CPE Status by UGC by Association of Indian College Principals in 20th AICP Conference in Anand (Gujarat) on 09-03-2019.
- Award Certificate by DC Faridabad for commendable work in the field of Life Saving Programmes under Youth Red Cross (2017-18)
- Academic Excellence Award, 2nd World Education Conclave, 04 Feb. 2018, Hotel Le-Meridian, Gurgaon
- Governor's individual Award (1st Class Sanad) for Outstanding Contribution in Youth Red Cross Activities for the session 2016-17 given on 20-01-2018 in Raj Bhawan, Chandigarh
- Youth Red Cross Shield (2016-17) awarded by Hon'ble Governor Haryana for Youth Red Cross Activities in the College
- Award of Excellence for pioneering efforts in promoting IT Education -2017 by NIIT
- Honoured by the Hon'ble Governor of Haryana Prof. Kaptan Singh Solanki on 24-05-2016 in M.D. University, Rohtak
- Bharat Excellence Award (2016) conferred by Friendship Forum (Regd.) on 25-04-2016 at India International Centre New Delhi
- Best Principal Award (2016) by EETCRS (ABA-16) on 07-02-2016
- **Excellent Principal in Haryana Award conferred by National Haryana Education Summit & Awards 2015 on 10-03-2015 at MDU Rohtak**

- Best Principal Award (2015) by EETCRS (ABA-15) on 14-02-2015
- Award by Margdarshan (NGO) Committed to Road Safety for commendable work in the field of Road Safety and Awareness Programmes on 08-11-2014
- Star of Asia Award (2014) on 23-09-2014
- Glory of Education Excellence Award (2013) on 10-12-2013
- Indira Gandhi Sadbhavna Award (2012) on 18-11-2012
- Rajiv Gandhi Vidya Gold Award (2012) on 09-10-2012
- Shiksha Rattan Puruskar (2011) on 11-11-2011
- Rajiv Gandhi Education Excellence Award (2011) on 12-08-2011
- Honoured by Bharat Vikas Parishad on 03-04-2011
- Jewel of India Award (2010) on 23-11-2010
- Biography included in the 2009 edition of Marquis Who's Who in the World
- Biography included in the 2000 outstanding scientists/intellecuals in the world
- Nominated for International Educator of the Year 2009 award by The International Biographical Centre of Cambridge, England
- Top 100 Scientists Award 2009 by The International Biographical Centre of Cambridge, England
- International Scientist of the Year 2009 award by The International Biographical Centre of Cambridge, England
- International Educator of the Year 2009 award by The International Biographical Centre of Cambridge, England
- IBC Foremost Scientists of the World Award by Research Department of the International Biographical Centre of Cambridge, England
- 21st Century Award for Achievements
- 2000 Outstanding Intellectuals of the 21st Century 2009-2010
- The International Einstein Award for Scientific Achievements
- Eminent Vaishya Scientist Award- 2003 by Vaishya Vikas Manch (Regd.)
- Honoured on teacher's day 05-09-2004 by Lion's Club (Royal), Palwal.

(e) Books Authored/Edited

1. Know and Grow with Science, Authored by K.K. Gupta, NRM Series, Level-6, (As per the New NCERT Syllabus), ISBN 978-81-920254-6-9, Royal Publishing House, Delhi, L-4, Om Shubham Plaza, Sector-16 & Faridabad (NCR).
2. Know and Grow with Science, Authored by K.K. Gupta, NRM Series, Level-7, (As per the New NCERT Syllabus), ISBN 978-81-920254-6-9, Royal Publishing House, Delhi, L-4, Om Shubham Plaza, Sector-16 & Faridabad (NCR).
3. Know and Grow with Science, Authored by K.K. Gupta, NRM Series, Level-8, (As per the New NCERT Syllabus), ISBN 978-81-920254-6-9, Royal Publishing House, Delhi, L-4, Om Shubham Plaza, Sector-16 & Faridabad (NCR).
4. Know and Grow with Science, Authored by K.K. Gupta, NRM Series, Level-9, (As per the New NCERT Syllabus), ISBN 978-81-920254-6-9, Royal Publishing House, Delhi, L-4, Om Shubham Plaza, Sector-16 & Faridabad (NCR).
5. Unique Tablet of B.Sc. Physics (IIIrd Edition), B.Sc.-I, Authored by Ajay Garg, **Krishan Kant**, Sonia and Mohd. Rafique, ISBN 978-81-922041-5-4, Unique Publications, 137/7, Bhagat Nagar Tehsil Town, Panipat (Haryana), India.

6. Library Automation: Issues and Remedies in Present Scenario: Eds. Krishan Kant and Ram Chander, ISBN 978-93-843705-4-3, Manakin Press, Manakin Press Pvt. Ltd., B-300, Okhla Industrial Area, Phase-I, New Delhi, India.
7. Vision of Indian Nationalism in Historical Perspective: Eds. Krishan Kant, Jay Pal Singh, Ram Chander and Geeta Gupta, ISBN 978-81-933434-1-8, Manakin Press, Manakin Press Pvt. Ltd., B-300, Okhla Industrial Area, Phase-I, New Delhi, India.
8. Information Communication in Digital Era: Present Scenario and Future Perspectives: Eds. Krishan Kant, Ram Chander, Jay Pal Singh and Geeta Gupta, ISBN 978-93-86677-624, Manakin Press, Manakin Press Pvt. Ltd., B-300, Okhla Industrial Area, Phase-I, New Delhi, India.
9. Information Communication in Digital Era: Present Scenario and Future Perspectives: Eds. Krishan Kant & Ram Chander, ISBN 978-93-87809-383, Kautilya Books, 201-202, Hari Sadan, 20, Ansari Road, Daryaganj, New Delhi, India.
10. Information Communication in Digital Era: Present Scenario and Future Perspectives: Eds. Krishan Kant & Ram Chander, ISBN 978-93-87809-499, Kautilya Books, 201-202, Hari Sadan, 20, Ansari Road, Daryaganj, New Delhi, India.

(f) Conference Proceedings Edited:

1. National Conference on Recent Advances in Science and Technology (NCRASST-2010): Contributed as Patron in Proceedings of National Conference organized by Faculty of Science, Aggarwal College Ballabgarh (Faridabad) Haryana, India, 27-28 March 2010, ISBN 978-93-801904-4-0, Satyam Publishing House, N-3/25, Mohan Garden, Uttam Nagar, New Delhi, India.
2. Published Proceedings of 18th National Symposium on Solid State Nuclear Track Detectors and Their Applications (SSNTDs-18) as Convener of the Symposium organised by Faculty of Science, Aggarwal College Ballabgarh (Faridabad) Haryana, India under the aegis of Nuclear Track Society of India, 18-20 October 2013, Printed at Shree Ganapati Boxmaker (Pvt) Ltd., 5D/8B, Railwat Road, NIT Faridabad, Haryana, India.
3. Proceedings of National Seminar on Teaching, Learning and Evaluation (NSTLE-2015): Eds. Krishan Kant, Manoj Shukla and Vineet Nagpal, Proceedings of the seminar organized by Internal Quality Assurance Cell (IQAC), Aggarwal College Ballabgarh (Faridabad) Haryana, India, 13-14 March 2015, ISBN 978-93-837544-5-8, Satyam Publishing House, N-3/25, Mohan Garden, Uttam Nagar, New Delhi, India.
4. Proceedings of International Conference on Materials Research and Technology (ICMRT-2017): Eds. Krishan Kant and Vineet Nagpal, organised by Faculty of Science, Aggarwal College Ballabgarh (Faridabad) Haryana, India, 10-11 July 2017, Printed at Shree Ganapati Boxmaker (Pvt) Ltd., 5D/8B, Railwat Road, NIT Faridabad, Haryana, India.
5. Proceedings of National Conference on, “Energy and Sustainability: Sources, Expectations and Uncertainties”, Eds. Krishan Kant, Manoj Shukla & Vineet Nagpal, ISBN 978-81-933434-4-9, Amba International Publishers & Distributors, 4378/4B, 209, J.M.D. House, M.L. Street, Ansari Road, Darya Ganj, New Delhi, India.

(g) PROFESSIONAL EXPERIENCE

Total Teaching Experience: 29+ years. About 20+ years as lecturer and associate professor and 09+ years as PG Principal. During my academic career, I have been teaching UG and PG classes, guided research students, published/presented 294 research papers, authored/edited many books and proceedings, produced Ph.D.'s. Presently, Four Research Projects completed and one awarded by BRNS (DAE) is in progress. Principal at Aggarwal P.G. College, Ballabgarh. It is a very large college aided by Government and recognised by UGC (2f & 12B), affiliated to MD University Rohtak, having UG and PG Classes both, besides several other courses under self finance scheme. Besides several workshops, organised thirty six national/international conferences/seminars/symposia in the college.

(h) INVITED SCIENTIFIC TALKS

1. Keynote Speaker in 3rd International WONUC Conference at Shahid Beheshteh University, Tehran (IRAN), 21-23 Oct. 2003.
2. Invited speaker in National Conference Cum Workshop on Solid State Nuclear Track Detectors and their Applications (NCWSSNTDs), D.A.V. College, Amritsar (India), Nov. 1-3, 2004.
3. Invited speaker in Conference on Accelerator and Low Level Radiation Safety (ALLRS), 26-27 April 2007, Inter University Accelerator Centre, New Delhi, India.
4. Invited speaker in 15th National Symposium on Solid State Nuclear Track Detectors and their applications (SSNTDs-15) w.e.f. 21-23 June, 2007 at H.N.B. Garhwal University, Badshahi Thaul Campus, Tehri Garhwal (Uttanchal).
5. Invited speaker in National Seminar cum Conference on 'Emerging Trends in Physics' NSC-ETP 2007, P.G. Department of Physics, R.K.College, Madhubani (Bihar) from December 17-19, 2007.
6. Speaker in RADON-2008: A Theme Meeting on 'Advances in the methods of assessment of exposure due to radon, thoron and their decay products' during March 11-13, 2008 at BARC, Mumbai.
7. Keynote speaker on, "Global Warming: Impacts and Effects" on 05-06-08 on the world environment day at LPG Territory, Piyala (Haryana)
8. Invited Speaker in "Earthquake Prediction: Recent Developments and Challenges", August 06 – 07, 2008, University of Kashmir, Srinagar, in collaboration with SINP/VECC, Kolkata.
9. Invited speaker in International Conference on Radiation Biology and Translational Research in Radiation Oncology, Nov. 10-12, 2008, Deptt. Zoology, University of Rajasthan, Jaipur (India)
10. Invited speaker in National Symposium on Solid State Nuclear Track Detectors and their Applications (NCWSSNTDs), GNDU, Amritsar (India), Nov. 09-11, 2009.
11. Invited speaker in National Conference on Accelerator and Low Level Radiation Safety (NCALLRS), IUAC, New Delhi (India), Nov. 18-20, 2009.
12. Invited Talk in National Workshop on Nanotechnology and Applied Sciences (NAS-2009), HCTM, Kaital, 28-29 Nov. 2009.
13. Invited Talk at Manav Rachna International University, Faridabad, 2010.
14. Invited Talk in National Conference on, "Recent Advances in Science and Technology" NCRAS-2010, 27-28 March, Aggarwal College, Ballabgarh, 2010.
15. Invited speaker in 17th National Symposium on Solid State Nuclear Track Detectors and their Applications (NCWSSNTDs), M. S. University, Baroda (Gujarat) (India), Oct. 17-19, 2011.

16. Invited Talk at Manav Rachna International University, Faridabad, Science Conclave and Exhibition, Sponsored by DST, Haryana, 27-28 January 2012.
17. Invited Talk at National Conference on Nuclear Applications, Hazards and Safety Measures (NAHSM-2012) Tumkur University, Tumkur, Bangalore, 10-11 Feb. 2012.
18. Invited Talk at International Conference on Radiation Environment Assessment, Measurement and its Impact, (RADENVIRON-2012), BBAUniversity (Central University), Lucknow, U.P., 12-14 April 2012.
19. Invited Talk at National Conference on Natural Hazards and Mitigation (NCNHM -2012) Eshan College of Engineering, Farah, Distt. Mathura, U.P. 04-05 December 2012.
20. Invited Talk at YMCA University of Science and Technology, Faridabad, Science Conclave and Exhibition, Sponsored by DST, Haryana, 5-6 March 2013.
21. Invited Talk at 18th National Symposium on Solid State Nuclear Track Detectors and Their Applications (SSNTDs-18), 18-20 October 2013, Aggarwal College, Ballabgarh, Faridabad, Haryana, India.
22. Keynote Speaker at National Conference on Advances in Technology and Applied Sciences (NCATAS)-14, 28-29 March April 2014, JIET Group of Institutions, Jodhpur (Rajasthan)
23. Invited Talk at YMCA University of Science and Technology, Faridabad, Science Conclave and Exhibition, Sponsored by DST, Haryana, 16-17 April 2014.
24. Invited Talk at NAAC Sponsored National Seminar on Teaching, Learning and Evaluation (NSTLE-2015) 13-14 March 2015, Aggarwal College, Ballabgarh, Faridabad, Haryana, India.
25. Invited Talk at National Conference on Re-engineering Teacher Education in context of Swachh Shiksha, Swachh Samaj and Swachh Bharat, 25th April 2015, School of Education, Lingaya's University Faridabad (Haryana).
26. Invited Talk at International Conference on Emerging Trends in Basic and Applied Sciences, Maharaja Agrasen University, Baddi, H.P., India, 1-2 May, 2015.
27. Invited Talk at National Conference on "Reforms in Higher Education in view of Global Challenge", 5th November 2015, GMN (PG) College, Ambala (Haryana).
28. Invited Talk at 19th National Conference on Solid State Nuclear Track Detectors and Their Applications (SSNTDs-19), 19-21 November 2015, Dr. B.R. Ambedkar NIT Jalandhar (Pb.), India.
29. Invited Talk at International Conference on Materials Science and Ionizing Radiation Safety and Awareness (ICMSIRSA-2016), 28-30 January 2016, Department of Physics, Shivaji University, Kolhapur.
30. Invited Talk at National Conference on Recent Advancements in Science & Technology, Arya P.G. College, Panipat (Haryana) India, 27-28 Feb. 2016.
31. Invited Talk on "Youth Red Cross Activities: Opportunities, Issues and Challenges" at Youth Red Cross Training Camp, 08-12 March 2016, Aggarwal College, Ballabgarh, Faridabad, Haryana, India.

32. Invited Talk at National Workshop on “Radon Mapping and Nano Structure synthesis Using Solis State Nuclear Track Detectors”, Arya P.G. College, Panipat (Haryana) India, 19-20 March, 2016.
33. Invited Talk at National Conference on Emerging Trends and Technologies in Sciences (NCETTS-2016) on “Health Effects of Exposure to Low-Level Ionizing Radiations from Naturally Occurring Radioactive Materials”, 25-26 March 2016, Aggarwal College, Ballabgarh, Faridabad, Haryana, India.
34. Invited Talk at National workshop on Need of Instrumentation for emerging challenges in Science & Technology: Youth Awareness, 10th May 2016, Department of Physics, Lingaya's University Faridabad (Haryana).
35. Invited Talk at National conference on 'Happy and Healthy Society through Value Education and Spirituality', 3rd September 2016, organized by Education Wing, Rajyog Education and Research Foundation, Prajapita Brahamakumari Ishwariya Vishvavidyalaya Mount Abu from 02-06 September 2016.
36. Keynote address on, “Recent Trends in Physics and Electronics” in National Conference on Recent Trends in Physics and electronics (NPE-2016), SGGSK College, Mahilpur (Punjab), 25-26 Nov 2016.
37. Invited Talk on, “Radiation Environment: Low-Level-Ionising Radiation (LLIR), Their Exposure & Effects” at National conference on Recent Trends in Physics and Electronics (NPE-2016), SGGSK College, Mahilpur (Punjab), 25-26 Nov 2016.
38. Invited Talk at National Seminar on Academic and Administrative Audit (NAAAS-2017) on “The Academic & Administrative Audit: A Process of Continuous Quality Improvement”, 20-21 February 2017, Aggarwal College, Ballabgarh, Faridabad, Haryana, India.
39. Invited Talk at National Seminar on NAAC and Higher Education in India on, “NAAC: An Apex Body to Promote Quality in Higher Education by way of Assessment & Accreditation”, 4th February 2017, GMN (PG) College, Ambala (Haryana).
40. Invited Talk on “**Youth Red Cross Activities: Opportunities, Issues and Challenges**” at Youth Red Cross Training Camp, 13-17 February, Aggarwal College, Ballabgarh, Faridabad, Haryana, India.
41. Invited Talk at National Seminar on Emerging Trends in Science & Technology, Arya P.G. College, Panipat (Haryana) India, 18 Feb. 2017.
42. Invited Talk at National Conference on Technical Terminology and Teaching of Science, 23rd February 2017 organised by Commission for Scientific and Technical Terminology, MHRD, Department of Higher Education, New Delhi at Zakir Husain Delhi College, Delhi University, Delhi.
43. Invited Talk at National Conference on use of Scientific and Technical Terminology in Sciences, 3-4 March 2017 organised by Commission for Scientific and Technical Terminology, MHRD, Department of Higher Education, New Delhi at Aggarwal College Ballabgarh, Distt. Faridabad, Haryana.

44. Invited Talk and Guest of Honour in International Conference on A Journey Towards Platinum Era- Vision Rainbow Power of India (ICPVRPI 2017), Institute of Management & Technology, Faridabad, 07-08 April 2017.
45. Invited Talk at National Seminar-cum-Workshop on Recent Trends in Physics and Electronics, Dew Samaj College for Women, Ferozpur, Punjab, September 6-7, 2017.
46. Invited Talk at International Conference on High Energy Radiation and Applications (ICHERA-2017), M. S. University, Baroda (Gujarat) (India), Oct. 10-13, 2017.
47. Invited Talk at 20th National Conference on Solid State Nuclear Track Detectors and Their Applications (SSNTDs-20), 26-28 October 2017, VVIET, Mysuru (Karnataka), India.
48. Talk and Session Chair at National Conference on Higher Education & Technical Terminology of Social Science, 9th November 2017 organised by Commission for Scientific and Technical Terminology, MHRD, Department of Higher Education, New Delhi at GGSDS College Palwal, Distt. Faridabad, Haryana.
49. Invited Talk and Guest of Honour in International Seminar on Technological Development in Contemporary Era-A Threat to the Environment at National and International Strata: Challenges and Remedies, Nehru Memorial Law P.G. College, Hanumangarh Town, Rajasthan (India), 11-12 November 2017.
50. Invited talk as resource person in Orientation Programme (OR-90) titled, “
 , ” for University and College Teachers at
51. Invited talk on, Environmental Radiation: Exposure, Effects and Measurements” as resource person in Faculty Development Programme organized by IIMT College of Engineering, Greater Noida (U.P.), 13-12-2017.
52. Invited Talk at National Conference on Recent Developments in Science and Technology in Modern Era, Arya P.G. College, Panipat (Haryana) India, 15 Dec. 2017.
53. Invited talk as resource person in DGHE Approved one week FDP on, “Analytical Techniques for Research” Organised by Department of Commerce and Economics, Aggarwal College Ballabgarh, Distt. Faridabad, Haryana, 11-17 December 2017.
54. Invited talk in Materials Science Section of 105th ISC held in Manipur University, Imphal on, “Radiation Induced Modifications in Physico-Chemical Properties of Nano/Micro Structures Synthesised Using Track Etch Membranes as Templates, 16-20 March 2018.
55. Invited talk as resource person in National Seminar on, “Quality Culture in HEIs: Need of the hour to compete Glocally” organised by IQAC of St. Anne’s First Grade College for Women, Bengaluru (Karnataka), 22 March 2018.
56. Invited Talk in Workshop on Innovations in Science and Technology (IST-2018), Manav Rachna International Institute of Research and Studies, Faridabad (Haryana), 27 March 2018.
57. Invited talk as resource person in National Conference on Entrepreneurship Development: Creation of Wealth for People and Economy (NCEDPE-2018)”, organised by Entrepreneurship Club & Deptt. of Economics and Management at Aggarwal College Ballabgarh, Distt. Faridabad, Haryana, 24-25 Nov. 2018.

(i) VISITS ABROAD FOR ACADEMIC PURSUITS

1. 3rd International WONUC Conference on the Effects of Low and Very Low Doses of Ionizing Radiation on Human Health (WONUC 2003) October 21-23, 2003 at Shahid Beheshti University, Tehran, Iran.
2. 22nd International Conference on Nuclear Tracks in Solids at Barcelona (Spain), 24-27 Aug. 2004.
3. International Conference on Environmental Radioactivity: From Measurements and Assessments to Regulation, 23–27 April 2007, Vienna, Austria.
4. International Conference on Gas Geochemistry, 01-08 October 2007, National Taiwan University, Taipei, Taiwan.
5. 25th International Conference on Nuclear Tracks in Solids at Puebla, Pue, Mexico, 04-09 Sep. 2011.
6. 26th International Conference on Nuclear Tracks in Solids at Kobe, Japan, 14-19 Sep. 2014

G. Research Activities

(a) Fields of Research Interests: Geo Physics/ Radiation Physics/Environmental Sciences

1. Thermo luminescence Studies in Sulphide Phosphors. (Completed M.Phil. Dissertation in 1989.)
2. Health Effects of Low-Level-Exposure to Ionizing Radiations. (Completed Ph.D. Thesis in 2001.)
3. Environmental Radioactivity (Measurement, Assessment to Regulation)
4. Gamma Spectrometry Studies for U, Th, K, Ra measurements in Samples
5. Gas Geochemistry

(b) Research Projects Undertaken:

S. No.	Title of the project	Funding Agency	Duration
1.	Radon Monitoring in Dwellings and Workplace in Haryana using Solid State Nuclear Track Detectors	UGC, New Delhi	March (04- 06)
2.	Radon Monitoring in Faridabad using Solid State Nuclear Track Detectors	MDU, Rohtak	March (05-06)
3.	Natural Radioactivity in the Technologically Enhanced Building Materials	UGC, New Delhi	March (08-10)
4.	Radioactivity Measurements in Potassium Enriched Vegetation	UGC, New Delhi	March (11-13)
5.	Measurement of Radon-Thoron and Gamma Radiation Levels in Faridabad, Palwal, Gurgaon and Mewat Districts of Southern Haryana	BRNS, Mumbai	July (16-19)

(c) Conferences attended by Dr. Krishan Kant (List Enclosed)

(a) International: 31

(b) National: 90

(d) Scientific Collaborations

1. Dr. Rajendra Sonkawade, Deptt. of Physiics, Shivaji University Kolhapur has been collaborating in the gamma spectrometry and Radon-Helium Measurements
2. Prof. R.P. Chauhan, NIT, Kurukshetra has been collaborating for radon-thoron measurements.
3. Dr. Rajesh Kumar, Asstt. Professor, USBAS, GGIPU, Delhi
4. Dr. Maneesha Garg, Asso. Professor, JC Bose University of Science and Technology Faridabad+ has been collaborating for Radon-Thoron measurements
5. Radiological Physics and Advisory Division, Bhabha Atomic Research Center, Anushaktinagar, Mumbai

(e) Scientific Publications: 294 (List Enclosed)

1. Research papers in National/International Journals – 75
2. Research papers in International Conferences/ Workshops -73
3. Research papers in National Conferences/Symposia/Seminars - 146

List of Conferences Attended

International:

- 1 International Conference on Medical Physics & XIth Conference of Association of Medical Physicist of India at AIIMS, New Delhi, India.
- 2 International Conference INDIAS-2000 at Allahabad w.e.f. 01-03 Dec.2000.
- 3 International Workshop on Seismo-electromagnetics and Space Science at Agra (UP) w.e.f. 19-21 Dec.2000.
- 4 International Conference (ICRP-IC.2K1) Feb.20-23, 2001 at BARC, Mumbai.
- 5 International Conference on Natural Hazards: Mitigation & Management (ICNHMM) March.12-15, 2001 at GNDU Amritsar, India.
- 6 21st International Conference on Nuclear Tracks in Solids (ICNTS 21) October 21-25, 2002 at India Habitat Centre, New Delhi, India.

- 7 3rd International WONUC Conference on the Effects of Low and Very Low Doses of Ionizing Radiation on Human Health (WONUC 2003) October 21-23, 2003 at Shahid Beheshti University, Tehran, Iran (Invited Talk & Chaired one Session).
- 8 22nd International Conference on Nuclear Tracks in Solids at Barcelona (Spain), 24-27 Aug. 2004.
- 9 9th NCB International Seminar on Cement and Building Materials at Ashok Hotel, New Delhi (India), 8-11 November 2005.
- 10 International Conference on Radiation Biology (ISRB) and 5th LOWRAD (Low Radiation) International Conference on Low Dose Radiation Effects on Human Health, B.H.U. Varanasi (India), 20-22 November 2006.
- 11 International Conference on Environmental Radioactivity: From Measurements and Assessments to Regulation, 23–27 April 2007, Vienna, Austria.
- 12 Conference on Accelerator and Low Level Radiation Safety (ALLRS), 26-27 April 2007, Inter University Accelerator Centre, New Delhi, India (Invited talk).
- 13 International Conference on Gas Geochemistry, 01-08 October 2007, National Taiwan University, Taipei, Taiwan.
- 14 International Conference on Radiation Biology and Translational Research in Radiation Oncology, Nov. 10-12, 2008, Deptt. Zoology, University of Rajasthan, Jaipur (India).
- 15 International Conference and Exhibition on Nanotechnology and Solar Photovoltaics 2010, Manav Rachna International University, Faridabad, April 16-17, 2010.
- 16 25th International Conference on Nuclear Tracks in Solids at Puebla, Pue, Mexico, 04-09 Sep. 2011.
- 17 International Conference on Radiation Environment Assessment, Measurement and its Impact, (RADENVIRON-2012), BBAUnivercity (Central University), Lucknow, U.P., 12-14 April 2012.
- 18 10th International Oil and Gas Conference and Exhibition (PETROTECH-2012), Vigyan Bhawan, New Delhi, 14-17 October 2012.
- 19 26th International Conference on Nuclear Tracks in Solids at Kobe, Japan, 14-19 Sep. 2014.
- 20 International Conference on Paradigm Shift in Management and Technology, YMCA University of Science and Technology, Faridabad, 09-10 April 2015.
- 21 International Conference on Emerging Trends in Basic and Applied Sciences, Maharaja Agrasen University, Baddi, H.P., India, 1-2 May, 2015.
- 22 International Conference on Materials Science and Ionizing Radiation Safety and Awareness (ICMSIRSA-2016), 28-30 January 2016, Department of Physics, Shivaji University, Kolhapur.
- 23 International conference on 'Happy and Healthy Society through Value Education and Spirituality' organized by Education Wing, Rajyog Education and Research Foundation, Prajapita Brahamakumari Ishwariya Vishvavidyalaya Mount Abu from 02-06 September 2016.

- 24 International Conference on Sustainable Development through Research in Engineering and Management, YMCA University of Science and Technology (SDREM-16), Faridabad, 26-27 December, 2016.
- 25 International Conference on A Journey Towards Platinum Era- Vision Rainbow Power of India (ICPVRPI 2017), Institute of Management & Technology, Faridabad, 07-08 April 2017.
- 26 International Conference on Materials Research and Technology (ICMRT-2017), 10-11 July 2017, Organised by Faculty of Science, Aggarwal College, Ballabgarh, Faridabad, Haryana, India.
- 27 International Workshop by Global Economic Awareness Project USA, 19-24 August 2017, GEA, USA, Organised by Faculty of Commerce and Economics, Aggarwal College, Ballabgarh, Faridabad, Haryana, India.
- 28 International Conference on High Energy Radiation and Applications (ICHERA-2017), M. S. University, Baroda (Gujarat) (India), Oct. 10-13, 2017.
- 29 International Seminar on Technological Development in Contemporary Era-A Threat to the Environment at National and International Strata: Challenges and Remedies, Nehru Memorial Law P.G. College, Hanumangarh Town, Rajasthan (India), 11-12 November 2017.
- 30 International Conference on Recent Advances in Mathematics (ICRAM-2018), 10-11 Feb. 2018, Organised by Faculty of Mathematics, Aggarwal College, Ballabgarh, Faridabad, Haryana, India.
- 31 International Conference on "Information Communication in Digital Era: Present Scenario and Future Perspectives" (ICDEPSFP-2018), 17-18 Feb. 2018, Organised by Department of Library Science, Aggarwal College, Ballabgarh, Faridabad, Haryana, India.

National:

- 1 National Seminar on Energy & environment 2001 w. e. f. 21-22 December 2001 at Keetham, Agra (U.P.).
- 2 89th Indian Science Congress w.e.f 3-7 January 2002 at Lucknow University, Lucknow (U.P.).
- 3 90th Indian Science Congress w.e.f. 3-7 January 2003 at Bangalore University, Bangalore (Karnataka).
- 4 National Workshop on Radon Studies in Environment, Nuclear Science Centre, New Delhi, India, Feb. 24, 2003.
- 5 12th National Symposium on Environment (NSE-12) 2003 w.e.f. 5-7 June 2003 at H.N.B. Garhwal University, Badshahi Thaul Campus, Tehri Garhwal (Uttanchal).
- 6 13th National Symposium on Solid State Nuclear Track Detectors and their applications (SSNTDs-2003) w.e.f. 16-18 October 2003 at Department of Physics, Osmania University, Hyderabad- 500 007.
- 7 91st Indian Science Congress w.e.f. 3-7 January 2004 at Punjab University, Chandigarh.
- 8 Regional Conference on emerging trends of Technologies in India w.e.f. 25-26 January 2004 at G.L.A. Institute of management and Technology, Mathura (U.P.)
- 9 National Workshop on Accelerator and Environmental Radiation Safety, Nuclear Science Centre, New Delhi, India, April 22-23, 2004.

- 10 National Conference Cum Workshop on Solid State Nuclear Track Detectors and their Applications (NCWSSNTDs), D.A.V. College, Amritsar (India), Nov. 1-3, 2004 (Invited Talk).
- 11 92nd Indian Science Congress w.e.f. 3-7 January 2005 at NIRMA University, Ahemdabad (Gujarat).
- 12 14th National Symposium on Solid State Nuclear Track Detectors and their applications (SSNTDs-2005) w.e.f. 10-12 Nov. 2005 at Department of Applied Physics, Z.H.College of Engg. & Technology, AMU, Aligarh (U.P.)
- 13 93rd Indian Science Congress w.e.f. 3-7 January 2006 at ANGRAU, Hyderabad.
- 14 Workshop on Noise Pollution Organized by Indian Association for Air Pollution Control, Delhi Chapter, India International Centre, New Delhi, April 25, 2006.
- 15 Invited Talk on, "Promoting Culture of Peace in Society" in University and College Educators' Conference on 'Education in Values and Spirituality' organized from 04-08-June 2006 at Academy for a Better World, Gyan Sarovar, Mount Abu.
- 16 15th National Symposium on Solid State Nuclear Track Detectors and their applications (SSNTDs-15) w.e.f. 21-23 June, 2007 at H.N.B. Garhwal University, Badshahi Thaul Campus, Tehri Garhwal (Uttranchal) (Invited Talk).
- 17 National Seminar cum Conference on 'Emerging Trends in Physics' NSC-ETP 2007, P.G. Department of Physics, R.K.College, Madhubani (Bihar) from December 17-19, 2007 (Invited Talk).
- 18 RADON-2008: A Theme Meeting on 'Advances in the methods of assessment of exposure due to radon, thoron and their decay products' during March 11-13, 2008 at BARC, Mumbai (Invited Talk).
- 19 National Level Conference on, "Earthquake Prediction: Recent Developments and Challenges", August 06 – 07, 2008, University of Kashmir, Srinagar
- 20 National Conference on Advanced Materials and Radiation Physics (AMRP-2009), Department of Physics, S.L.I.E.T., Longowal, Distt. Sangrur (Pb)- 148106, March 09-10, 2009.
- 21 National Conference on Problems of College Libraries in Digital Era (NCPCLDE-2009), 24-25 Oct. 2009, Aggarwal College, Ballabgarh, Faridabad, Haryana, India.
- 22 Invited speaker in 16th National Symposium on Solid State Nuclear Track Detectors and their Applications (NCWSSNTDs), GNDU, Amritsar (India), Nov. 09-11, 2009.
- 23 Invited speaker in National Conference on Accelerator and Low Level Radiation Safety (NCALLRS), IUAC, New Delhi (India), Nov. 18-20, 2009.
- 24 National Workshop on Nanotechnology and Applied Sciences (NAS-2009), HCTM, Kaithal, 28-29 Nov. 2009.
- 25 Seminar on capacity building and fund raising activities organized by Haryana Branch of the Indian Red Cross Society, Dr. B.R. Ambedkar Hall, M.D. University, Rohtak, March 05, 2010.
- 26 National Conference on, "Recent Advances in Science and Technology" NCRAS-2010, 27-28 March, Aggarwal College, Ballabgarh, 2010
- 27 3rd National Symposium on Analytical Sciences (NSAS) on, "Recent Advances in Analytical Sciences" organized by National society of Analytical Scientists (ISAS) Delhi Chapter and Deptt. Chemistry, H.P. University, Shimla, April 12-14, 2010.
- 28 Seminar on, "Role of an Institution in Global Skill Development", Organised by NIIT, Faridabad, Millenium Hotel, 16-09-2010.

- 29 National Workshop on Atomic Absorption Spectrometer (AAS), IUAC, New Delhi, India, Sept. 27-28, 2010.
- 30 National Conference on Human Resource Development in India (NCHRD-2010), 20-21 Nov. 2010, Aggarwal College, Ballabgarh, Faridabad, Haryana, India.
- 31 National Conference on Information Literacy Skills for College Librarians in Digital Environment (NCILSCLDE-2011), 26-27 Feb. 2011, Aggarwal College, Ballabgarh, Faridabad, Haryana, India.
- 32 National Conference on Emerging Issues in Green Marketing (NCEIGM-2011), 12-13 March 2011, Aggarwal College, Ballabgarh, Faridabad, Haryana, India.
- 33 Invited speaker in 17th National Symposium on Solid State Nuclear Track Detectors and their Applications (NCWSSNTDs), M.S. Univ., Baroda (Gujarat) (India), Oct. 17-19, 2011.
- 34 Science Conclave and Exhibition, Sponsored by DST, Haryana, Manav Rachna International University, Faridabad, 27-28 January 2012.
- 35 National Conference on Nuclear Applications, Hazards and Safety Measures (NAHSM-2012) Tumkur University, Tumkur, Bangalore, 10-11 Feb. 2012.
- 36 - य, 05-06 March 2012, Aggarwal College, Ballabgarh, Faridabad, Haryana, India.
- 37 National Conference on Natural Hazards and Mitigation (NCNHM -2012) Eshan College of Engineering, Farah, Distt. Mathura, U.P. 04-05 December 2012.
- 38 Science Conclave and Exhibition, Sponsored by DST, Haryana, YMCA University of Science and Technology, Faridabad, 5-6 March 2013.
- 39 National Conference on English Language and Information Communication Technology: Possibilities and Challenges (NCELICTPC-2013), 16 March 2013, Aggarwal College, Ballabgarh, Faridabad, Haryana, India.
- 40 18th National Symposium on Solid State Nuclear Track Detectors and Their Applications (SSNTDs-18), 18-20 October 2013, Aggarwal College, Ballabgarh, Faridabad, Haryana, India.
- 41 University Level Disaster Management Workshop, 28 November 2013, Youth Red Cross, MD University Rohtak, NDMA New Delhi & Indian Red Cross Society.
- 42 National Conference on Impact of FDI on Agro- Food Sector in India (NCIFAFSI-2014), 07-08 Feb. 2014, Aggarwal College, Ballabgarh, Faridabad, Haryana, India.
- 43 National Seminar on Library Automation: Issues and Remedies in Present Scenario (NSLAIRPS-2014), 28-29 March 2014, Aggarwal College, Ballabgarh, Faridabad, Haryana, India.
- 44 Science Conclave and Exhibition, YMCA University of Science and Technology, Faridabad, Sponsored by DST, Haryana, 16-17 April 2014.
- 45 National Conference on Impact of FDI on Agro- Food Sector (NCIFAFS-2014), 17-18 Oct. 2014, Aggarwal College, Ballabgarh, Faridabad, Haryana, India.
- 46 National Conference on Recent Advances in Mathematics (NCRAM-2015), 20-21 Feb. 2015, Aggarwal College, Ballabgarh, Faridabad, Haryana, India.
- 47 National Seminar on Teaching, Learning and Evaluation (NSTLE-2015), 13-14 March 2015, Aggarwal College, Ballabgarh, Faridabad, Haryana, India.

- 48 National Conference on Entrepreneurship & National Haryana Education Summit & Awards 2015, 10th March 2015 at Radha Krishna Auditorium, Maharishi Dayanand University, Rohtak, Haryana (HR)
- 49 National Conference on "Library Automation: Issues and Remedies in Present Scenario" (NCLAIRPS-2015), 26-27 March 2015, Aggarwal College, Ballabgarh, Faridabad, Haryana, India.
- 50 National Conference on Re-engineering Teacher Education in context of Swachh Shiksha, Swachh Samaj and Swachh Bharat, 25th April 2015, School of Education, Lingaya's University Faridabad (Haryana).
- 51 National Conference on "Reforms in Higher Education in view of Global Challenge", 5th November 2015, GMN (PG) College, Ambala (Haryana).
- 52 19th National Conference on Solid State Nuclear Track Detectors and Their Applications (SSNTDs-19), 19-21 November 2015, Dr. B.R. Ambedkar NIT Jalandhar (Pb.), India.
- 53 State Level Seminar on Restitution of Child Rights in India (RCRI-2015) 19 Dec. 2015, Aggarwal College, Ballabgarh, Faridabad, Haryana, India
- 54 National Conference on Recent Advancements in Science & Technology, Arya P.G. College, Panipat (Haryana) India, 27-28 Feb. 2016
- 55 National Conference on Role of Science and Technology in "MAKE IN INDIA", YMCA University of Science and Technology, Faridabad (Haryana), India, 5-7 March 2016.
- 56 National Workshop on "Radon Mapping and Nano Structure synthesis Using Solid State Nuclear Track Detectors", Arya P.G. College, Panipat (Haryana) India, 19-20 March, 2016.
- 57 National Conference on Emerging Trends in Technology and Sciences (NCETTS-2016), 25-26 March 2016, Aggarwal College, Ballabgarh, Faridabad, Haryana, India.
- 58 National workshop on Need of Instrumentation for emerging challenges in Science & Technology: Youth Awareness, 10th May 2016, Department of Physics, Lingaya's University Faridabad (Haryana).
- 59 National Conference on use of Scientific and Technical Terminology in Sciences, 23rd September 2016 organised by Commission for Scientific and Technical Terminology, MHRD, Department of Higher Education, New Delhi at GGSDS College, Palwal, Distt. Palwal, Haryana.
- 60 National conference on Recent Trends in Physics and Electronics (NPE-2016), SGGSK College, Mahilpur (Punjab), 25-26 Nov 2016.
- 61 Training Workshop on Measurements Techniques for Radon, Thoron and their Decay Products, Organised by Radiological Physics and Advisory Division, BARC, Mumbai, 13-16 Dec 2016.
- 62 104th Indian Science Congress w.e.f. 3-7 January 2016 at SVU, Tirupati (A.P.)
- 63 National Seminar on Academic and Administrative Audit (NAAAS-2017), 20-21 January 2017, Aggarwal College, Ballabgarh, Faridabad, Haryana, India.

- 64 National Seminar on NAAC and Higher Education in India 4th February 2017, GMN (PG) College, Ambala (Haryana).
- 65 National Conference on Mathematics and Computer: Computing and Communication (NCMCCC-2017), 18 Feb. 2017, Aggarwal College, Ballabgarh, Faridabad, Haryana, India.
- 66 National Seminar on Emerging Trends in Science & Technology, Arya P.G. College, Panipat (Haryana) India, 18 Feb. 2017.
- 67 National Seminar on Technological Terminology and Teaching of Science, MHRD, Department of Higher Education, New Delhi organized by Zakir Husain Delhi College, Delhi University, Delhi, 22-23 February, 2017.
- 68 National Conference on South Asia: Contemporary Issues, 24-25 February, 2017, Aggarwal College, Ballabgarh, Faridabad, Haryana, India.
- 69 National Seminar on Use of Scientific and Technological Terminology in Science, MHRD, Department of Higher Education, New Delhi organized by Aggarwal College Ballabgarh, Faridabad, Haryana, India, 3-4 March 2017, 2017.
- 70 National Conference on New Horizons in Technology for Sustainable Energy and Environment (NHTSEE-2017), YMCA University of Science and Technology, Faridabad, 9-10 March, 2017.
- 71 National Conference on Vision of Indian Nationalism in Historical Perspective, 24-25 March, 2017, Aggarwal College, Ballabgarh, Faridabad, Haryana, India.
- 72 National Seminar-cum-Workshop on Recent Trends in Physics and Electronics, Dew Samaj College for Women, Ferozepur, Punjab, September 6-7, 2017.
- 73 20th National Conference on Solid State Nuclear Track Detectors and Their Applications (SSNTDs-20), 26-28 October 2017, VVIET, Mysuru (Karnataka), India.
- 74 National Conference on Higher Education & Technical Terminology of Social Science, 9-10 November 2017 organised by Commission for Scientific and Technical Terminology, MHRD, Department of Higher Education, New Delhi at GGSDS College Palwal, Distt. Faridabad, Haryana.
- 75 Orientation Programme (OR-90) titled, “
” for University and College Teachers at CPDHE, University of Delhi.
- 76 Faculty Development Programme, IIMT College of Engineering, Greater Noida (U.P.), 13-12-2017.
- 77 National Conference on Recent Developments in Science and Technology in Modern Era, Arya P.G. College, Panipat (Haryana) India, 15 Dec. 2017.
- 78 DGHE Approved one week FDP on, “Analytical Techniques for Research” Organised by Department of Commerce and Economics, Aggarwal College Ballabgarh, Distt. Faridabad, Haryana, 11-17 December 2017.
- 79 National Seminar on Recent Advances in Science and Technology in India, Markanda National College, Shahabad Markanda (Haryana), 20 January 2018.

- 80 National Conference on Energy & Sustainability: Sources, Expectations & Uncertainties (NCESSSEU-2018), Organised by Department of Economics, Aggarwal College Ballabgarh, Distt. Faridabad, Haryana, 09-10 March 2018.
- 81 105th Indian Science Congress w.e.f. 16-20 March, 2018, Manipur University, Imphal.
- 82 National Seminar on New Methodology of NAAC-Ushering in Transparency in Quality Assessment and Assurance organised by IQAC of St. Anne's First Grade College for Women, Bengaluru (Karnataka), 22 March 2018.
- 83 Workshop on Innovations in Science and Technology (IST-2018), Manav Rachna International Institute of Research and Studies, Faridabad (Haryana), 27 March 2018.
- 84 National Seminar on "Role of Science, Technology and Management for Employment Generation in India", 6th October 2018 organised by Deptt.of Chemistry and Economics at GGSDS College Palwal, Distt. Palwal, Haryana.
- 85 One Day Orientation Course organized by Youth Red Cross, M.D. University Rohtak, Haryana, 21 November 2018.
- 86 National Conference on Entrepreneurship Development: Creation of Wealth for People and Economy (NCEDPE-2018)", organised by Entrepreneurship Club & Deptt. of Economics and Management at Aggarwal College Ballabgarh, Distt. Faridabad, Haryana, 24-25 Nov. 2018.
- 87 National Workshop on Character Building and Personality Development (NWCBDP-2018), organized by Faculty of Humanities at Aggarwal College Ballabgarh, Distt. Faridabad, Haryana, 15-16 Dec 2018.
- 88 National Conference on Nano Structured Materials and Device (NCNSMDT-2018), organized by Faculty of Sciences at Aggarwal College Ballabgarh, Distt. Faridabad, Haryana, 21-22 Dec 2018.
- 89 National Seminar on "Recent Advances in Quality Education: Pave the Way", 12th November 2018 organised by UGC Cell and IQAC at GGSDS College Palwal, Distt. Palwal, Haryana.
- 90 20th AICP National Conference on Global Trends in Higher Education organized by Association of Indian College Principals (AICP) and N.S. Patel Arts College, Anand, Gujarat, 09-11 March 2019.

List of Publication

Papers published by Dr. Krishan Kant, in the field of Environmental radioactivity/Nuclear Geo Physics/Environmental Pollution Studies and related areas

IN PEER REVIEWED INTERNATIONAL/NATIONAL JOURNALS (75)

1. **K.Kant**, R.P.Chauhan, G.S.Sharma and S.K.Chakarvarti, "Radon induced radiological impact of coal, fly ash and cement samples", Ind. J. Pure and Appl. Phys., 39, 679-682 (2001).
2. R.P.Chauhan, **K.Kant**, G.S.Sharma, K.Mahesh and S.K.Chakarvarti, "Radon monitoring in coal, fly-ash, soil, water and environment of some thermal power plants in north India", Rad. Protection and Environment, 24(1-2), 371-374 (2001).
3. R.P.Chauhan, **K.Kant**, K.Mahesh and S.K.Chakarvarti, "Radium concentration and radon exhalation measurements in the water around thermal power plants of north India", Ind. J. Pure and Appl. Phys., 39, 491-495 (2001).
4. R.P. Chauhan, **K. Kant**, K. Mahesh and S.K. Chakarvarti, "Radon concentration and exhalation rate measurements in Indian coal, fly ash and cement samples using CR-39 Plastic Track Detectors", Nucl. Sci. J., 38(4), 289-293 (2001).
5. **K. Kant**, R.P. Chauhan and S.K. Chakarvarti, "Occurrence of lung cancer: a possibility of radiation hormesis", J. Forensic Med. & Toxicology, 2, 38-42 (2002).
6. **K.Kant**, R.P.Chauhan, G.S.Sharma and S.K.Chakarvarti, "Hormesis in humans exposed to low-level ionizing radiation", Int. J. of Low Radiation, 1, 76-87 (2003).
7. R.P.Chauhan, **K.Kant**, S.K. Sharma and S.K.Chakarvarti, "Measurement of alpha radioactive air pollutants in fly ash brick dwellings", Radiation Measurements, 36, 533-536 (2003).
8. **K.Kant**, R.P.Chauhan, G.S.Sharma and S.K.Chakarvarti, "Radium concentration measurements in coal, fly ash and cement samples using LR-115 Plastic Track Detectors", Indian J. Env. Prot., 23(10). 1146-1150 (2003).
9. **K.Kant** & S.K.Chakarvarti, "Radon monitoring in gas turbine and thermal power station: a comparative study", Iranian Journal of Radiation Research, 1(3), 133-137 (2003).
10. **K.Kant** & S.K.Chakarvarti, "Environmental impact of coal utilisation in thermal power plant. J. Forensic Med. & Toxicology", 3, 15-18 (2003).
11. **K.Kant** & S.K.Chakarvarti, "Radiological impact of airborne radon and its progeny in dwellings", Ind. J. Pure and Appl. Phys., 42, 157-161 (2004).

12. **K.Kant**, Suraj B. Upadhyay, G.S.Sharma and S.K.Chakarvarti, "Measuremen inhalation dose due to radon and its progeny in an oil refinery and its dwellings", Iran. J. Radiat. Res., 1(4), 181-186 (2004).
13. **Krishan Kant**, "Radon in the Environment of Industrially Polluted Cities in Haryana", J. Forensic Med. & Toxicology, 4, 8-11 (2004).
14. K.Kant, **Suraj B. Upadhyay** & S.K.Chakarvarti, "Alpha activity in Indian thermal springs", Iranian Journal of Radiation Research, 2(4), 197-204 (2005).
15. R.G.Sonkawade, R.C.Ramola, **K.Kant**, D.K.Kanjilal, M.P.Dhiaryawan and P.Gupta, "Dosimetry in the environment of 15 UD Pelletron accelerator using plastic track detectors", Rad. Protection and Environment, 28(1-4), 156-159 (2005).
16. **Krishan Kant**, "Indoor radon concentration in some earthquake prone areas of Haryana", Rad. Protection and Environment, 28(1-4), 276-278 (2005).
17. **K.Kant** and S.K.Chakarvarti, "Radiation hormesis: the validity of linear no-threshold hypothesis?", Int. J. of Low Radiation, 3(1), 66-73 (2006).
18. **K. Kant**, Suraj B. Upadhyay, G.S. Sharma & S.K. Chakarvarti, "Radon dosimetry in typical Indian dwellings using plastic track detectors", Indoor and Built Environment, 15, 187-191 (2006).
19. R. P. Chauhan, **K.Kant**, R.S.Saini Kapil Jindal and S. K. Chakarvarti, "Radium Concentration and Radon Exhalation Rates from Some Soil Samples Using Solid State Nuclear Track Detectors (SSNTDs)", Environmental Geochemistry, 9(1), 30-34 (2006).
20. **K. Kant**, R. P. Chauhan, R. S. Saini, Kapil Jindal and S. K. Chakarvarti, "How Safe is Fly Ash as Building Construction Material in Dwellings", Environmental Geochemistry, 9(1), 35-40 (2006).
21. **K.Kant**, R.P.Chauhan, S.K.Chakarvarti, "Environmental Radioactivity Studies in Slate Mines in Aravali Range", Environmental Geochemistry, 9(1), 50-55 (2006).
22. **K. Kant**, Suraj B. Upadhyay, G.S. Sharma and Rajendra Prasad, "Radon: A Radioactive Air Pollutant In The Environment Of Industrially Polluted Cities", Ind. J. Air Pollution and Control, 6(1), 56-60 (2006).
23. **K.Kant**, R.P.Chauhan, Suraj B. Upadhyay, G.S.Sharma, "Environmental Radon Monitoring in Gas Turbine Power Station in Haryana", Environmental Geochemistry, 9(1), 67-70 (2006).
24. R. P. Chauhan, **K.Kant**, R.S.Saini and S. K. Chakarvarti, "Radon Diffusion Studies Through Building Construction Materials Using Solid State Nuclear Track Detectors", Environmental Geochemistry, 9(1), 97-99 (2006).

25. R. P. Chauhan, **K. Kant**, Mahabir Nain and S. K. Chakarvarti, "Indoor Radon Remediation: Effect of Ventilation", *Environmental Geochemistry*, 9(1), 100 – 104 (2006).
26. R.S.Saini, R. P. Chauhan, **K.Kant** and S. K. Chakarvarti, "Measurement of Alpha Radioactive Air Pollutants in and around Refinery at Panipat, Haryana", *Environmental Geochemistry*, 9(1), 120-122 (2006).
27. **K. Kant**, S.B. Upadhyay, R.G. Sonkawade and S.K. Chakarvarti, "Radiological risk assessment of use of phosphate fertilizers in soil", *Iranian J. Rad. Res.*, 4(2), 63-70 (2006).
28. Suraj B. Upadhyay, **K.Kant**, R. Prasad & G.S.Sharma, "Radon dosimetry in the dwellings of Western U.P. using plastic track detectors," *Chemical and Environmental Research*, 15(3&4), 271-276, (2006).
29. Mahabir Nain, R.P.Chauhan, **K.Kant** & S.K.Chakarvarti, "Radon Exhalation Rates From Some Building Construction Materials Using SSNTDs", *Chemical and Environmental Research*, 15(3&4), 277-282, (2006).
30. Mahabir Nain, R.P.Chauhan, **K.Kant** & S.K.Chakarvarti, "Alpha Radioactivity Measurements in Tobacco Leaves", *Chemical and Environmental Research*, 15(3&4), 348-353, (2006).
31. **Krishan Kant**, "Exposure to low level ionizing radiation is not really a foe", *Ind. J. Rad. Res.*, 3(4), 179 (2006).
32. **Krishan Kant**, R.P.Chauhan and S.K. Chakarvarti, "Indoor radon and lung cancer data: Is it not really phobic?", *Ind. J. Rad. Res.*, 3(4), 183 (2006).
33. S.B.Upadhya, **K. Kant**, R. Joshi, R.G. Sonkawade and S.K. Chakarvarti, "Inhalation dose and health risk assessment due to radon-thoron and their progeny in the environment of LPG bottling plant using plastic track detectors", *Ind. J. Rad. Res.*, 3(4), 185 (2006).
34. R.P. Chauhan and **Krishan Kant**, "Health effects of low-level ionizing radiation exposure", *Ind. J. Rad. Res.*, 3(4), 222 (2006).
35. M.Nain, **Krishan Kant**, R.P.Chauhan and S.K. Chakarvarti, "Indoor radon and linear no threshold hypothesis", *Ind. J. Rad. Res.*, 3(4), 236 (2006).
36. **K. Kant**, S.B. Upadhyay, R.G. Sonkawade, S.K. Chakarvarti & G.S. Sharma, "Radon-thoron and their progeny dosimetry in the environment of LPG bottling plant using plastic track detectors", *Ind. J. Pure & Appl. Phys*, 45, 880-883 (2007).
37. R.G. Sonkawade, **K. Kant**, S. Muralithara, R. Kumar, R.C. Ramola, "Natural radioactivity in common building construction and radiation shielding materials",

Atmospheric Environment, 42, 2254 (2008).

38. R. P. Chauhan, Mahabir nain and **K.Kant**, “Radon Diffusion Studies Through Building Construction Materials: Effect of Grain Size”, Radiation Meas. (UK), 43, 445-448 (2008).

39. **K. Kant**, S.B. Upadhyay, R.G. Sonkawade, S.K. Chakarvarti & G.S. Sharma, “The radiological impact of the presence of radon, thoron and their progeny in the environment of a liquid petroleum gas bottling plant”, Int. J. of Low Radiation, 5(3), 228-236 (2008).

40. Jyotsna Singh, **K. Kant**, H.B. Sharma and K.S. Rana, “Bio accumulation of cadmium (Cd) in tissues of Cirrihna mrigla and Catla catla”, Asian Journal of Experimental Sciences, 22(3), 423-426 (2008).

41. Beena Janveja, **Krishan Kant** and Jyoti Sharma, “A study of activated rice husk charcoal as an adsorbent of Congo red dye present in textile industrial waste”, Journal of PAFMAT, 8(1), 12-15 (2008).

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Radiation and Health: Low-Level-Ionizing Radiation Exposure and Effects. Invited talk at 18th National Symposium on Solid State Nuclear Track Detectors and Their Applications (SSNTDs-18), 18-20 October 2013, Aggarwal College, Ballabgarh, Faridabad, Haryana, India, p. 70.

88. **Krishan Kant**, A.S. Yadav and S. K. Chakarvarti

Radioactivity measurements in potassium enriched vegetation. Paper presented at 18th National Symposium on Solid State Nuclear Track Detectors and Their Applications (SSNTDs-18), 18-20 October 2013, Aggarwal College, Ballabgarh, Faridabad, Haryana, India, p. 89.

89. A.K. Narula, S.K. Goyal, Ravinder Jain, **Krishan Kant**, Mani Kant Yadav, R.P. Chauhan, and S.K. Chakarvarti

Radon Diffusion Through Sandy Construction Materials: Effect of Temperature and Grain Size. Paper presented at 18th National Symposium on Solid State Nuclear Track Detectors and Their Applications (SSNTDs-18), 18-20 October 2013, Aggarwal College, Ballabgarh, Faridabad, Haryana, India, p. 94.

90. Amit Kumar, R.P. Chauhan, Vimal mehta and **K. Kant**

Radon Exhalation Rates of Concrete Modified with Fly Ash and Silica Fumes. Paper presented at 18th National Symposium on Solid State Nuclear Track Detectors and Their Applications (SSNTDs-18), 18-20 October 2013, Aggarwal College, Ballabgarh, Faridabad, Haryana, India, p. 97.

91. Sridharbabu Yarramaneni, Anu Sharma, **Krishan Kant** and J.K. Quamara

Dielectric Behaviour of Pristine and 100MeV Ni Ion Irradiated PET/0.8PHB Polymer Liquid Crystals. Paper presented at 18th National Symposium on Solid State Nuclear Track Detectors and Their Applications (SSNTDs-18), 18-20 October 2013, Aggarwal College, Ballabgarh, Faridabad, Haryana, India, p. 100.

92. Raj Kumari, A.S. Yadav, **Krishan Kant** and Maneesha Garg

Study of Radon exhalation rates using Solid State Nuclear Track detectors in stone mining area of Aravali Range in Pali Region, District Faridabad. Paper presented at 18th National Symposium on Solid State Nuclear Track Detectors and Their Applications (SSNTDs-18), 18-20 October 2013, Aggarwal College, Ballabgarh, Faridabad, Haryana, India, p. 114.

93. Beena Sethi, Jyoti Sharma and **Krishan Kant**

Rice Husk Ash (RHA): Radon Remediations and Other Applications. Paper presented at 18th National Symposium on Solid State Nuclear Track Detectors and Their Applications (SSNTDs-18), 18-20 October 2013, Aggarwal College, Ballabgarh, Faridabad, Haryana, India, p. 116.

94. Ravinder Jain, **Krishan Kant**, Mani Kant Yadav and R. P. Chauhan

Utilization of Rice Husk Ash to Enhance Radon Resistant Potential of Concrete. Paper presented at 18th National Symposium on Solid State Nuclear Track Detectors and Their Applications (SSNTDs-18), 18-20 October 2013, Aggarwal College, Ballabgarh, Faridabad, Haryana, India, p. 151.

95. Beena Sethi and **Krishan Kant**

Arsenic Trace Element Studies in Ground Water of Budhia Nala Region Faridabad. Paper presented at 18th National Symposium on Solid State Nuclear Track Detectors and Their Applications (SSNTDs-18), 18-20 October 2013, Aggarwal College, Ballabgarh, Faridabad, Haryana, India, p. 159.

96. Raj Kumari, **Krishan Kant** and Maneesha Garg

Study of Effect of Addition of Fly Ash on Radon Exhalation Rate in Cement Samples. . Paper presented at 18th National Symposium on Solid State Nuclear Track Detectors and Their Applications (SSNTDs-18), 18-20 October 2013, Aggarwal College, Ballabgarh, Faridabad, Haryana, India, p. 162.

97. Nitin Gupta, **Krishan Kant** and Maneesha Garg

Radon-Thoron and their Progeny Measurements in High Rise Buildings in District Faridabad, Haryana. Paper presented at 18th National Symposium on Solid State Nuclear Track Detectors and Their Applications (SSNTDs-18), 18-20 October 2013, Aggarwal College, Ballabgarh, Faridabad, Haryana, India, p. 163.

98. Raj Kumari, Ravinder Garg, Nitin Gupta, **Krishan Kant**, Maneesha Garg and Mani Kant Yadav

Study of radon exhalation and emanation rates from fly ash samples. Paper presented at 18th National Symposium on Solid State Nuclear Track Detectors and Their Applications (SSNTDs-18), 18-20 October 2013, Aggarwal College, Ballabgarh, Faridabad, Haryana, India, p. 171.

99. Nitin Gupta, **Krishan Kant** and Maneesha Garg

Radiological Impact of Exposure to Radon-Thoron & their Progeny present in the environment of Fly Ash Dumping Site in Faridabad (Haryana). Paper presented at 18th National Symposium on Solid State Nuclear Track Detectors and Their Applications (SSNTDs-18), 18-20 October 2013, Aggarwal College, Ballabgarh, Faridabad, Haryana, India, p. 172.

100. **Krishan Kant**, Meeting the Energy Needs of the 21st Century: Is it Time for a Real Nuclear Renaissance? Invited talk at Science Conclave and Exhibition, Sponsored by DST, Haryana, Science Conclave and Exhibition, Sponsored by DST, Haryana, YMCA University of Science and Technology, Faridabad, 17 April 2014.

101. Raj Kumari, **Krishan Kant**, Maneesha Garg, “Radon Exhalation Measurement and Emanation Factor In Decorative Building Materials”, 4th National Conference on Advanced Materials and Radiation Physics (AMRP-2015) to be held during 13-14 March 2015 at SLIET Longowal (Punjab).

102. Nitin Gupta, **Krishan Kant**, Maneesha Garg, “Estimation of Indoor Radon, Thoron and Their Progeny in High Rise Dwellings in Faridabad, Haryana”, 4th National Conference on Advanced Materials and Radiation Physics (AMRP-2015) to be held during 13-14 March 2015 at SLIET Longowal (Punjab).

103. **K. Kant**

Reinventing Teaching and Learning in Indian Education System with Special Reference to Higher Education Institutions (HEIs). Invited talk at National Seminar on Teaching, Learning and Evaluation (NSTLE-2015), 13-14 March 2015, Aggarwal College, Ballabgarh, Faridabad, Haryana, India, in proceedings p. 23, ISBN No. 938375445-X.

104. **K. Kant**

Reinventing Teaching and Learning in Indian Education System in Present Scenario. Invited talk at National Conference on Re-engineering Teacher Education in context of Swachh Shiksha, Swachh Samaj and Swachh Bharat, 25th April 2015, School of Education, Lingaya's University Faridabad (Haryana).

105. K.Kant and Manoj Shukla

Skill Development for Academic Leadership Roles-Need and Significance, Paper at National Seminar on Quality Enhancement: Role of Higher Education Leadership in Preparing Next Generation Leaders towards Institutional Development, 6-7 February 2015, St. Francis College for Women, Begumpet, Hyderabad.

106. **Krishan Kant**

Role of teachers in Reinventing and re-engineering higher education in the present scenario”, Invited talk at National Conference on “Reforms in Higher Education in view of Global Challenge”, 5th November 2015, GMN (PG) College, Ambala (Haryana).

107. **Krishan Kant** and Manoj Shukla

Professional Development of Teachers in Higher Education, Paper at National Conference on “Reforms in Higher Education in view of Global Challenge”, 5th November 2015, GMN (PG) College, Ambala (Haryana).

108. **Krishan Kant**

Environmental Radiation, Exposure and Effects, Invited talk at 19th National Conference on Solid State Nuclear Track Detectors and Their Applications (SSNTDs-19), 19-21 November 2015, Dr. B. R. Ambedkar NIT, Jalandhar (Punjab), India, p. 31.

109. Raj Kumari, Nitin Gupta, **Krishan Kant**, Maneesha Garg
Determination of Radon Activity and Radon Exhalation Rates from some Soil Samples and Water Samples of the Chhapraula Industrial Area in Greater NOIDA (Uttar Pradesh), Paper presented at 19th National Conference on Solid State Nuclear Track Detectors and Their Applications (SSNTDs-19), 19-21 November 2015, Dr. B. R. Ambedkar NIT, Jalandhar (Punjab), India, p. 31.

110. Raj Kumari, **Krishan Kant**, Maneesha Garg
Measurement of Radiation hazard indices, annual dose and transfer factors of ²²⁶Ra, ⁴⁰K and ²³²Th from soil to different vegetables from various places near Mathura Oil Refinery Area (Uttar Pradesh), INDIA, Paper presented at 19th National Conference on Solid State Nuclear Track Detectors and Their Applications (SSNTDs-19), 19-21 November 2015, Dr. B. R. Ambedkar NIT, Jalandhar (Punjab), India, p. 76.

111. Nitin Gupta, **Krishan Kant**, Maneesha Garg
Radiological Assessment of indoor radon, thoron and their progeny levels in the dwellings near the fly ash dumping sites situated in Faridabad (Haryana) India, Paper presented at 19th National Conference on Solid State Nuclear Track Detectors and Their Applications (SSNTDs-19), 19-21 November 2015, Dr. B. R. Ambedkar NIT, Jalandhar (Punjab), India, p. 32.

112. Nitin Gupta, **Krishan Kant**, Maneesha Garg
Estimation of radon and thoron levels in high rise dwellings situated in Faridabad (Southern Haryana) India, Paper presented at 19th National Conference on Solid State Nuclear Track Detectors and Their Applications (SSNTDs-19), 19-21 November 2015, Dr. B. R. Ambedkar NIT, Jalandhar (Punjab), India, p. 80.

113. Arindam Ghosh, Rashi Gupta, Rajesh Kumar, **Krishan Kant**, S.K. Chakarvarti, Ramphal Sharma, Effect of irradiation on Cu doped ZnO thin film grown by SILAR technique. Paper presented at 19th National Conference on Solid State Nuclear Track Detectors and Their Applications (SSNTDs-19), 19-21 November 2015, Dr. B. R. Ambedkar NIT, Jalandhar (Punjab), India, p. 40.

114. Raj Kumari, **Krishan Kant**, Maneesha Garg
Effective radium content and radon flux determination in Cereals products, Paper presented at National Conference on Recent Advancements in Science & Technology, Arya P.G. College, Panipat (Haryana) India, 27-28 Feb. 2016, p. 44.

115. Nitin Gupta, **Krishan Kant**, Maneesha Garg
Assessment of radon, thoron and their progeny concentration in multi-storeyed malls in district Faridabad, Haryana, India, Paper presented at National Conference on Recent Advancements in Science & Technology, Arya P.G. College, Panipat (Haryana) India, 27-28 Feb. 2016, p. 47.

116. **Krishan Kant**

Do we really need to be afraid of all kinds of ionizing radiations?, Invited Talk at National Conference on Recent Advancements in Science & Technology, Arya P.G. College, Panipat (Haryana) India, 28 Feb. 2016.

117. Nitin Gupta, **Krishan Kant**, Maneesha Garg

Radiological impact of radon, thoron and their progeny concentration using Twin Cup Dosimeters in high rise buildings situated in Greater Faridabad, Haryana, India, Paper presented at National Conference on Role of Science and Technology in “MAKE IN INDIA”, YMCA University of Science and Technology, Faridabad (Haryana), India, 5-7 March 2016, p. 3.

118. Raj Kumari, **Krishan Kant**, Maneesha Garg

Radiation measurements and dose rates in commonly used Building Materials, Paper presented at National Conference on Role of Science and Technology in “MAKE IN INDIA”, YMCA University of Science and Technology, Faridabad (Haryana), India, 5-7 March 2016, p. 7.

119. **Krishan Kant**

Health effects of exposure to low-level ionizing radiations from naturally occurring radioactive materials, Invited talk at National Conference on Emerging Trends and Technologies in Sciences (NCETTS-2016), 25-26 March 2016, Aggarwal College, Ballabgarh, Faridabad, Haryana, India, p. 9.

120. Raj Kumari, **Krishan Kant**, Maneesha Garg

Measurement of radon exhalation rate in some building materials using plastic track detectors. Paper presented at National Conference on Emerging Trends and Technologies in Sciences (NCETTS-2016), 25-26 March 2016, Aggarwal College, Ballabgarh, Faridabad, Haryana, India, p. 46.

121. Raj Kumari, **Krishan Kant**, Maneesha Garg

Measurement of radium concentration and radon exhalation rates of soil samples collected from some areas of district Faridabad, Haryana, India. Paper presented at National Conference on Emerging Trends and Technologies in Sciences (NCETTS-2016), 25-26 March 2016, Aggarwal College, Ballabgarh, Faridabad, Haryana, India, p. 46.

122. Nitin Gupta, **Krishan Kant** and Maneesha Garg

Study of radon and thoron concentration in the dwellings of Faridabad city Southern Haryana, India. Paper presented at National Conference on Emerging Trends and Technologies in Sciences (NCETTS-2016), 25-26 March 2016, Aggarwal College, Ballabgarh, Faridabad, Haryana, India, p. 20.

123. Nitin Gupta, **Krishan Kant** and Maneesha Garg

Study of radon, thoron and their progeny concentration in flats of district Faridabad, Haryana, India. Paper presented at National Conference on Emerging Trends and Technologies in Sciences (NCETTS-2016), 25-26 March 2016, Aggarwal College, Ballabgarh, Faridabad, Haryana, India, p. 49.

124. Anita Sharma, Arindam Ghosh and **Krishan Kant**

Applications of nanotechnology in day to-day life. Paper presented at National Conference on Emerging Trends and Technologies in Sciences (NCETTS-2016), 25-26 March 2016, Aggarwal College, Ballabgarh, Faridabad, Haryana, India, p. 61.

125. Aridam Ghosh, **Krishan Kant**, S.K. Chakarvarti and Ramphal Sharma

SHI induced modifications in Copper doped ZnO thin film grown by Solution growth technique. Paper presented at National Conference on Emerging Trends and Technologies in Sciences (NCETTS-2016), 25-26 March 2016, Aggarwal College, Ballabgarh, Faridabad, Haryana, India, p. 31.

126. **Krishan Kant**

Recent Trends in Physics and Electronics. Keynote address at National Conference on Recent Trends in Physics and electronics (NPE-2016), SGGSK College, Mahilpur (Punjab), 25-26 Nov 2016.

127. **Krishan Kant**

Radiation Environment: Low-Level-Ionising Radiation (LLIR), Their Exposure & Effects” Talk at National conference on Recent Trends in Physics and Electronics (NPE-2016), 25-26 Nov 2016, SGGSK College, Mahilpur (Punjab), p. 7.

128 **Krishan Kant**

Environmental Radiation: Friend or Foe? Paper presented in the Proc. of 104th Indian Science Congress (2017) at SVU, Tirupati (A.P), Environmental Sciences Section, p. 103-105.

129 **Krishan Kant**

Invited Talk at National Seminar on Academic and Administrative Audit (NAAAS-2017) on “The Academic & Administrative Audit: A Process of Continuous Quality Improvement”, 20-21 February 2017, Aggarwal College, Ballabgarh, Faridabad, Haryana, India, p.

130 **Krishan Kant**

Invited Talk at National Seminar on NAAC and Higher Education in India on, “NAAC: An Apex Body to Promote Quality in Higher Education by way of Assessment & Accreditation”, 4th February 2017, GMN (PG) College, Ambala (Haryana).

131. **Krishan Kant**

Environmental Radiation Dosimetry: Chronology of Measuring Techniques in Indian Context. Invited Talk at National Seminar on Emerging Trends in Science & Technology (ETST-2017) on”, Arya P.G. College, Panipat (Haryana) India, 18 Feb. 2017, p. 36.

132. **Krishan Kant**

विज्ञान के विक्षेप और अविगम मंतकनीकी िब्दािली का प्रयोग: दिा और ददि। Invited Talk at National Conference on Technical Terminology and Teaching of Science, organised by Commission for Scientific and Technical Terminology, MHRD, Department of Higher

Education, New Delhi at Zakir Husain Delhi College, Delhi University, Delhi, 23rd February 2017.

133. Krishan Kant

विज्ञान विक्षण में वैज्ञानिक और तकनीकी शब्दावली की जरूरत और उपयोगिता. Invited Talk at National Conference on use of Scientific and Technical Terminology in Sciences, organised by Commission for Scientific and Technical Terminology, MHRD, Department of Higher Education, New Delhi at Aggarwal College Ballabgarh, Distt. Faridabad, Haryana, 4 March 2017.

134. Krishan Kant

Nuclear Tracks in Solids: A simple way to initiate research in college Laboratories, Invited talk at National Seminar-cum-Workshop on Recent Trends in Physics and Electronics, Organised by Department of Physics, Dew Samaj College for Women, Ferozepur, Punjab, September 6-7, 2017.

135. Sabir Hussain, Poonam Anand & Krishan Kant

Synthesis of 3-methyl-10(4-methylpiperazin-1-yl)-7-oxo-2,3-dihydro-7H[1,4] Oxazinol [2,3,4-ij]Quinoline-6-Carboxylate Using Phase Transfer Catalyst and their Biological Activity, In Proc. of National Conference on Emerging Trends in Biochemistry, organized by Department of Biotechnology, M.D.U. Rohtak (Haryana), India, 15-16 Sept. 2017, p. 17.

136. Sabir Hussain, Poonam Anand & Krishan Kant

Fluoroquinolones: A Review Focusing on Antimicrobial Agents, In Proc. of International Conference on Advancing Green Chemistry: Building a Sustainable Tomorrow, organized by Green Chemistry Network Centre, Department of Chemistry, University of Delhi & Hindu College, University of Delhi, India, 03-04 Oct. 2017.

137. Krishan Kant

Nuclear Tracks in Solids: A noble approach to initiate research in college Laboratories, Invited talk at 20th National Conference on Solid State Nuclear Track Detectors and Their Applications (SSNTDs-20), 26-28 October 2017, Vidya Vikas Institute of Engineering and Technology, Mysuru (Karnataka), India, p. 21.

138. Krishan Kant, Bhupender Singh, Ajit Singh, Maneesha Garg, B.K. Sahoo, S.K. Chakarvarti

Inter-comparison and validation of measurements of Radon and Thoron levels using active and passive techniques, Paper presented at 20th National Conference on Solid State Nuclear Track Detectors and Their Applications (SSNTDs-20), 26-28 October 2017, Vidya Vikas Institute of Engineering and Technology, Mysuru (Karnataka), India, p. 82.

139. Ajay Garg, R.P. Chauhan, Krishan Kant, Amit Kumar, Sushil Kumar

Measurements of radioactive air pollutants in some industrial units, Paper presented at 20th National Conference on Solid State Nuclear Track Detectors and Their Applications (SSNTDs-20), 26-28 October 2017, Vidya Vikas Institute of Engineering and Technology, Mysuru (Karnataka), India, p. 96.

140. Krishan Kant

Environmental Radiation: Exposure and Effects. Invited Talk at National Conference on Recent Developments in Science and Technology in Modern Era (RDSTME-2017), Arya P.G. College, Panipat (Haryana) India, 15 December 2017, p. 36.

141. Ajay Garg, R.P. Chauhan, Krishan Kant, Shikha Garg & Sushil Kumar

Estimation of Alpha Radioactive Air Pollutants in some Industrial Units of Panipat, Paper presented in National Conference on Recent Developments in Science and Technology in Modern Era (RDSTME-2017), Arya P.G. College, Panipat (Haryana) India, 15 December 2017, p. 41, ISBN: 9789383861194.

142. **Krishan Kant**

Radiation Induced Modifications in Physico-Chemical Properties of Nano/Micro Structures Synthesised Using Track Etch Membranes as Templates, In the Proc. of 105th Indian Science Congress (2018) at Manipur University, Imphal (Manipur), Materials Science Section, p. 60-61.

143. Bhupender Singh, **Krishan Kant**, Maneesha Garg and S.K. Chakarvarti

Meeting the energy needs of the 21st Century: Is it time for a real nuclear renaissance?, Paper presented at National Conference on Energy and Sustainability: Sources, Expectations & Uncertainties (NCESSEU-2018), 9-10 March 2018, Organised by Department of Economics, Aggarwal College Ballabgarh, Haryana, India, p. 22.

144. Krishan Kant

Relevance of stories in Indian Epics and Chronicles to understand Entrepreneurship in Present Era, talk at National Conference on “Entrepreneurship Development: Creation of Wealth for People and Economy”, 24-25 November 2018, organised by Entrepreneurship Club & Deptt. of Economics and Management at Aggarwal College Ballabgarh, Distt. Faridabad, Haryana.

145. Bhupender Singh, **Krishan Kant**, Maneesha Garg, Ajit Singh, B.K. Sahoo, B.K. Sapra and S.K. Chakarvarti

Estimation of Radon and Thoron progeny level using deposition based direct radon/thoron progeny sensors, Paper presented at National Conference on Nano Structured Materials and Device Technologies (NCNSMDT-2018), 21-22 December 2018, Organised by Faculty of Science, Aggarwal College Ballabgarh, Haryana, India, p. 34.

146. Krishan Kant and Ashok Kumar

Quality Culture and Glocal Competence in Higher Education Institutions: Need of the Hour, Paper presented at 20th AICP National Conference on Global Trends in Higher Education organized by Association of Indian College Principals (AICP) and N.S. Patel Arts College, Anand, Gujarat, 09-11 March 2019.

PUBLICATION SUMMARY

Number of papers in Journal	No. of Conferences Papers/Books/Chapters/Monographs	No. of Books authored/edited and Conference proceedings edited
International: 29	International: 73	Books:10
National: 46	National: 146	Proceedings: 05
Regional: Nil	Regional: Nil	

CHAIRMANSHIP OF CONFERENCES/SMINARS/SYMPOSIA

1. 3rd International WONUC Conference at Shahid Beheshteh University, Tehran (IRAN), 21-23 Oct. 2003.
2. National Seminar cum Conference on 'Emerging Trends in Physics' NSC-ETP 2007, P.G. Department of Physics, R.K.College, Madhubani (Bihar) from December 17-19, 2007
3. National Level Conference on, "Earthquake Prediction: Recent Developments and Challenges", August 06 – 07, 2008, University of Kashmir, Srinagar
4. 17th National Symposium on Solid State Nuclear Track Detectors and their Applications (SSNTDs-17), M. S. University, Baroda (Gujarat) (India), Oct. 17-19, 2011.
5. National Conference on Natural Hazards and Mitigation (NCNHM -2012) Eshan College of Engineering, Farah, Distt. Mathura, U.P. 04-05 December 2012.
6. 18th National Symposium on Solid State Nuclear Track Detectors and Their Applications (SSNTDs-18), 18-20 October 2013, Aggarwal College, Ballabgarh, Faridabad, Haryana, India.
7. University Level Disaster Management Workshop, 28 November 2013, Youth Red Cross, MD University Rohtak, NDMA New Delhi & Indian Red Cross Society.
8. International Conference on Paradigm Shift in Management and Technology, YMCA University of Science and Technology, Faridabad, 09-10 April 2015.
9. National Conference on Re-engineering Teacher Education in context of Swachh Shiksha, Swachh Samaj and Swachh Bharat, 25th April 2015, School of Education, Lingaya's University Faridabad (Haryana).
10. International Conference on Emerging Trends in Basic and Applied Sciences, Maharaja Agrasen University, Baddi, H.P., India, 1-2 May, 2015.
11. National Conference on "Reforms in Higher Education in view of Global Challenge", 5th November 2015, GMN (PG) College, Ambala (Haryana).
12. 19th National Conference on Solid State Nuclear Track Detectors and Their Applications (SSNTDs-19), 19-21 November 2015, Dr. B.R. Ambedkar NIT Jalandhar (Pb.), India.
13. National Conference on Recent Advancements in Science & Technology, Arya P.G. College, Panipat (Haryana) India, 27-28 Feb. 2016.
14. National Conference on Role of Science and Technology in "MAKE IN INDIA", YMCA University of Science and Technology, Faridabad (Haryana), India, 5-7 March 2016.
15. National Conference on use of Scientific and Technical Terminology in Sciences, 23rd September 2016 organised by Commission for Scientific and Technical Terminology, MHRD, Department of Higher Education, New Delhi at GGSD College, Palwal, Distt. Palwal, Haryana.
16. National conference on Recent Trends in Physics and Electronics (NPE-2016), 25-26 Nov 2016, SGGSK College, Mahilpur (Punjab).
17. International Conference on Sustainable Development through Research in Engineering and Management, YMCA University of Science and Technology (SDREM-16), Faridabad, 26-27 December, 2016.
18. National Conference on New Horizons in Technology for Sustainable Energy and Environment (NHTSEE-2017), YMCA University of Science and Technology, Faridabad, 9-10 March, 2017.
19. International Conference on Materials Research and Technology (ICMRT-2017), 10-11 July 2017, Faculty of Science, Aggarwal College, Ballabgarh, Faridabad, Haryana, India.

20. National Seminar-cum-Workshop on Recent Trends in Physics and Electronics, Dew Samaj College for Women, Ferozepur, Punjab, September 6-7, 2017.
21. International Conference on High Energy Radiation and Applications (ICHERA-2017), M. S. University, Baroda (Gujarat) (India), Oct. 10-13, 2017.
22. 20th National Conference on Solid State Nuclear Track Detectors and Their Applications (SSNTDs-20), 26-28 October 2017, VVIET, Mysuru (Karnataka), India.
23. National Conference on Higher Education & Technical Terminology of Social Science, 9th November 2017 organised by Commission for Scientific and Technical Terminology, MHRD, Department of Higher Education, New Delhi at GGSD College Palwal, Distt. Faridabad, Haryana.
24. National Seminar on Recent Advances in Science and Technology in India, Markanda National College, Sahabad Markanda, Distt. Kurukshetra, Haryana, 20 January 2018.
25. National Seminar on “Role of Science, Technology and Management for Employment Generation in India”, 6th October 2018 organised by Deptt. of Chemistry and Economics at GGSD College Palwal, Distt. Palwal, Haryana.
26. National Conference on “Entrepreneurship Development: Creation of Wealth for People and Economy”, 24-25 November organised by Entrepreneurship Club & Deptt. of Economics and Management at Aggarwal College Ballabgarh, Distt. Faridabad, Haryana.
27. One Day Orientation Course organized by Youth Red Cross, M.D. University Rohtak, Haryana, 21 November 2018.
28. National Conference on Nano Structured Materials and Device (NCNSMDT-2018), organized by Faculty of Sciences at Aggarwal College Ballabgarh, Distt. Faridabad, Haryana, 21-22 Dec 2018.
29. National Seminar on “Recent Advances in Quality Education: Pave the Way”, 12th November 2018 organised by UGC Cell and IQAC at GGSD College Palwal, Distt. Palwal, Haryana.

(d) ORGANISATIONAL CAPABILITIES

Details of National Conferences/Symposia/Seminars organized in Aggarwal College Ballabgarh (2009-2015) after joining as Principal

Sr. No.	Department	Title	Date and duration	Sponsored By
1.	Library Science	National Conference on Problems of College Libraries in Digital Era (NCPCLDE-2009)	24-25 Oct. 2009 (Two days)	ICSSR, DRDO
2.	Faculty of Science (Physics)	National Conference on Recent Advances in Science and Technology (NCRASST-2010)	27-28 March 2010 (Two days)	DGHE, Haryana
3.	Faculty of Commerce, Economics & Management	National Conference on Human Resource Development in India (NCHRDI-2010)	20-21 Nov. 2010 (Two days)	DGHE, Haryana
4.	Library Science	National Conference on Information Literacy Skills for College Librarians in Digital Environment (NCILSCLDE-2011)	26-27 Feb. 2011 (Two days)	UGC
5.	Faculty of Commerce, Economics & Management	National Conference on Emerging Issues in Green Marketing (NCEIGM-2011)	12-13 March 2011 (Two days)	UGC
6.	Hindi	- य	05-06 March 2012 (Two days)	DGHE, Haryana
7.	English	National Conference on English Language and Information Communication Technology: Possibilities and Challenges (NCELECTPC-2013)	16 March 2013 (One Day)	DGHE, Haryana
8.	Faculty of Science (Physics)	18 th National Symposium on Solid State Nuclear Track Detectors and Their Applications (SSNTDs-18)	18-20 Oct. 2013 (Three days)	BRNS, AERB, UGC, INSA, CSIR, DST, IOCL, OBC, DGHE
9.	Faculty of Commerce, Economics & Management	National Conference on Impact of FDI on Agro- Food Sector in India (NCIFAFSI-2014)	07-08 Feb. 2014 (Two days)	DGHE, Haryana
10.	Library Science	National Seminar on Library Automation: Issues and Remedies in Present Scenario (NSLAIRPS-2014)	28-29 March 2014 (Two days)	DGHE, Haryana
11.	Faculty of	National Conference on Impact of FDI	17-18 Oct. 2014	UGC

	Commerce, Economics & Management	on Agro- Food Sector (NCIFAFS-2014)		
12.	Mathematics	National Conference on Recent Advances in Mathematics (NCRAM-2015)	20-21 Feb. 2015 (Two days)	DGHE Haryana & DST
13.	IQAC	National Seminar on Teaching, Learning and Evaluation(NSTLE-2015)	13-14 March 2015 (Two days)	NAAC
14.	Library Science	National Conference on "Library Automation: Issues and Remedies in Present Scenario" (NCLAIRPS- 2015)	26-27 March 2015	UGC
15.	Faculty of Science	Science Awareness Among School Students (SAAS-2015)	19 Sept. 2015	ISCA (Kurukshetra Chapter) & SIDBI
16	Faculty of Social Science	Seminar on Restitution of Child Rights in India (RCRI-15)	19 Dec. 2015	DHE Haryana
17	Deptt. History	National Seminar on "Social, Economic and Cultural Identities in Reconstructing Indian Nationalism" (NSSECIRIN-2016)	28-29 Jan. 2016	DHE Haryana & UGC
18	Faculty of Science	National Conference on Emerging Trends in Technology and Sciences (NCETTS-2016)	25-26 March 2016	DHE
19	IQAC	National Seminar on Academic and Administrative Audit (NSAAS-2017)	20-21 January 2017	DHE Haryana & NAAC
20	Deptt. Mathematics and Computer Science	National Conference on Mathematics and Computer: Computing and Communication	18 February 2017	DHE Haryana
21	Deptt. Political Science	South Asia: Contemporary Issues	24-25 February 2017	DHE Haryana
22	Faculty of Science	Use of Scientific and Technological Terminology in Teaching of Science	3-4 March, 2017	MHRD, CSTT, New Delhi
23	Deptt. History	Vision of Indian Nationalism in Historical Perspective	24-25 March, 2017	ICRH, New Delhi
24	Faculty of Science	International Conference on Materials Research and Technology (ICMRT-2017)	10-11 July 2017	DHE, CSIR, BRNS, ICMR, DRDO
25	Deptt. of Economics	International Workshop by Global Economic Awareness Project USA	19-24 August 2017	GEA, USA
26	Department of	Eleven Day Workshop on GST	06-17 December	

	Commerce		2017	
27	Deptt. of Commerce & Economics	One Week National Workshop on Analytical Techniques for Research	11-17 Dec. 2017	Approved by DGHE
28	Mathematics	International Conference on Recent Advances in Mathematics (ICRAM-2018)	10-11 Feb. 2018 (Two days)	DGHE Haryana
29	Library Science	International Conference on "Information Communication in Digital Era: Present Scenario and Future Perspectives" (ICDEPSFP-2018)	17-18 Feb. 2018 (Two days)	Asian Library Association
30	Faculty of Commerce, Economics & Management	National Conference on Energy & Sustainability: Sources, Expectations & Uncertainties (NCESSEU-2018)	09-10 March 2018 (Two days)	DGHE Haryana & NTPC
31	Department of Sanskrit	National Conference on Sanskrit Sahitya aur Bhartiya Sanskriti	12 April 2018	Haryana Sanskrit Academy
32	Internal Quality Assurance Cell (IQAC)	National Workshop on Significance and Utility of Intellectual Property Rights for Academia in Present Era	17 April 2018	APGC Ballabgarh
33	Entrepreneurship Club and Faculty of Economics & Management	National Conference on Entrepreneurship Development: Creation of Wealth for People and Economy (NCEDPE-2018)	24-25 Nov 2018	DHE Haryana
34	Faculty of Humanities	National Workshop on Character Building and Personality Development (NWCBDP-2018)	15-16 Dec 2018	DHE Haryana
35	Faculty of Sciences	National Conference on Nano Structured Materials and Device (NCNSMDT-2018)	21-22 Dec 2018	ISAS-DC IOCL
36	Internal Quality Assurance Cell (IQAC)	National Level Faculty Development Program on Intellectual Property Rights (FDP on IPR)	12 March 2019	APGC Ballabgarh

Skill Development Initiatives in the Institutions:

1. Two B.Voc. Courses (B. Voc. Software Development and B. Voc. Retail Management) in the College Sponsored by UGC, New Delhi.
2. Two B.Voc. Courses (B. Voc. Tourism Management and B. Voc. Hospitality Management) and seven certificate courses in the College Sponsored by UGC, New Delhi (from year 2019).
3. Six Add-on Certificate Courses in the College sponsored by UGC, New Delhi
Accounting on Computers
Web Designing and Office Automation

Retail Marketing
Accountancy and Tax Procedure
Computer Hardware and Maintenance
Functional English

4. L-I, L-II and L-III Computer Literacy Certificate, Diploma and Post-Diploma Programmes (All Add-On) in the College
5. Many Certificate, Diploma and Advanced Diploma Courses under Career Enhancement and Employability Programme (CEEP) developed in consultation with the industry to make the passing out graduates and Post Graduated employable
6. Several hundred students skilled in the college under STAR Scheme and PMKVY Yojna