

CURRICULAM VITAE

1. NAME: Dr. ARVIND KUMAR SHUKLA
 2. DATE OF BIRTH: 07.06.1961
 3. DESIGNATION : Professor Civil (Specialization in
 Transportation Engg.)



4. MEMBERSHIP OF PROFESSIONAL BODIES:
 (i) Life Member of Institute of Urban Transport (India) LM no. 409
 (ii) Life Member of Indian Society for Technical Education (LM 15337)
 (iii) Ex Member of Indian Geo-Technical Society (India).
 (iv) Member of Institution of Engineers (India).M 128310-8
 (v) life member Institution of Water & Environment (India)LF 1016
 (vi) Ex Member of Indian Roads Congress (M28395)

5. ACADEMIC QUALIFICATIONS

Name of Examination	Name of Board/University	Year	Subjects	Remarks /honors
High School	U.P. Board, Allahabad	1975	Hindi, English, Math, Sanskrit, Science	Distinction in Science, math & Sanskrit
Intermediate	U.P. Board, Allahabad	1977	Hindi, English, Math, Physics, Chemistry	Distinction in Mathematics, Physics, chemistry
B. Tech	G B P A & T Pantnagar	1982	Civil Engineering	Merit Scholarship
M. Tech.	Indian Institute of Technology, Kharagpur	1984	Civil Engineering (Specialization in Traffic & Transportation Engineering)	
Ph. D.	Dr Abdul Technical University	Kalam 2011	Civil Engineering	

6. DETAILS OF EMPLOYMENT

S. No.	Name of Institution	From	To	Position & Scale	Name of Duties of works
1	University	11.08.1984	10.01.1985	Research	Research work related to R-

	of Roorkee			Associate@ fixed Rs 1100/ Scientist B 700-1300/	6 Project of Govt of India
2	University of Roorkee	11.01.1985	21.04.1986		Research work related to R- 6 Project of Govt of India
3	I.E.T.Lucknow	23-04-1986	22.04.1992	Lecturer Rs.8000-13500	Teaching in UG classes, Laboratory work, Examination related works, Administrative works
4.	I.E.T Lucknow	23-04-1992	22.04.1996 date	Lecturer(Sr. scale)	
5	I.E.T.Lucknow	23.04.1996	31.12.2005	Senior lect selection grade	do
6	I.E.T.Lucknow	1.1.2006	26.12.2011	Associate. prof 37400-67000 AGP 9000	do
7	IET LUCKNOW	27.12.2011	Professor	Prof 37400- 67000 AGP 10000	do

7.0 SPONSORED RESEARCH ACTIVITIES:

Sl. No.	Name of the funding agency	Name of the Scheme	Project Title	Year of Funding	Duration	Total Amount Sanctioned	Status Completed/ Ongoing
(i).	All India Council for Technical Education Delhi	Nationally coordinated project carried out by 05 Institutions including IIT Roorkee	Urban Transport Environmental interaction	2001	3 years	38.5 lacs for entire Project and 6.5 lacs to IET	Completed in June2004
(ii)	AICTE	NCP carried out by 03 Institutions including IIT Roorkee	Road Traffic Safety	2002	5 years	35 lacs for entire project & 7.0 lacs for IET	Completed in March 2007
(iii)	AICTE	MODROB	Modernization of Transportation Engineering Laboratory	1990-92	02 years	17.5 Lacs	Completed in 1993

8. HONOURS / ACHIEVEMENTS:

No.	Description
(i)	Editor of International Journal “Modern Traffic and Transportation Engineering Research (MTTTER) ”World Academic Publishing Company ,Hong Kong
(ii)	Editor of International Journal of Traffic & Transport Engineering, (IJTTE) Belgrade SERBIA
(iii)	Reviewer of International Journal of Environmental Science and Technology(IJEST) (Springer)
(iv)	Reviewer of Proceedings of the Institution of Civil Engineers – Transport ,ISSN: 0965- 092X, E- ISSN: 1751-7710 , London U.K
(v)	Reviewer of Journal of Transport ISSN 1648-4142 print / ISSN 1648-3480 online, Taylor & Francis (UK) with VGTU Lithuania
(vi)	Reviewer of Environmental Engineering & Management Journal , Romania Print ISSN: 1582-9596(Impact factor 1.435)
(vii)	Reviewer of Environmental Monitoring & Assessment Journal ISSN0167-6369(print), ISSN-1573-2959 ,Springer
(viii)	Reviewer of BRITISH JOURNAL OF SCIENCE & TECHNOLOGY , Science Domain International London
(ix)	Nominated as member of Section committee for UP & Uttarakhand for 03 years (2009-2011) by Indian Society for Technical Education New Delhi
(x)	Chairing the technical session in International/National Conferences
(xi)	National Merit Scholarship during the period 1975-1982
(xii)	Development of noise prediction model for noise evaluation in metropolitan cities like Lucknow in Ph.D work
(xiii)	Gold Medal for best paper in Indian Geo-Technical Society Journal, Oct. 1987
(xiv)	STA member of prestigious program of Govt of India PRADHAN MANTRI GRAM SADAK YOJNA
(xv)	Expert member for Central Govt Confidential works New Delhi
(xvi)	Member of Scientific Committee in International Conference organized by International Journal of Traffic & Transport Engineering (ICTTE 2012),BELGRADE SERBIA
(xvii)	Member of Advisory board of International Journal of Research Review in Engineering Science and Technology(IJRREST) INDIA
(xviii)	Consultant for multistoried buildings in Lucknow and THIRD PARTY EVALUATOR for UP Projects Corporation Ltd works
(xix)	Member of Scientific Committee in International Conference organized by International Journal of Traffic & Transport Engineering (ICTTE 2016),BELGRADE SERBIA

9. ORGANIZATION OF SEMINAR, CONFERENCES ETC:

(i)	Organised First National Workshop of Civil Engineering Department on Environmental Pollution: Perspectives and Practices”. as Convener on 30 th April 2004 in the Institute .
(ii)	Organization of Six nos of 6 days training courses on “Pavement Design and DPR Preparation” for Assistant and Junior Engineers of state Govt Engineers under Pradhan Mantri Gram Sadak Yojna (PMGSY) Programme of Government of India (2005-07).
(iii)	Conduction of 10 nos of 2 days training programmes on Quality Control in PMGSY Constructions as Deputy Coordinator (2005-06)
(iv)	Conduction of 6 nos, 2 days training programmes on Social and Environmental Issues in PMGSY for Assistant and Executive Engineers of UPPWD and Rural Engineering Services in (2005-07) .
(v)	Organised First National Seminar on “Environmental Degradation: Problems and Preventions” in the capacity of Co -Convener at S D College of Engineering & Technology Muzzafarnagar , 17.09.2005 .
(vi)	Assisted in organizing the National workshop on “Sustainable Pollution Control” organized by Department of Civil Engineering Institute of Engineering & Technology, Dec 08-09,2005
(vii)	Organised National Seminar on “Recent Trends in Science, Technology & applications” in the capacity of Add. Convener at S D College of Engineering & Technology Muzzafarnagar ,7-8 Jan 2006.
(viii)	Organised National Seminar on “Public Participation For Environmental Control” at S D College of Engineering & Technology Muzaffarnagar , 7 April 2007 in the capacity of Co – convener
(x)	Organised National Seminar on “ Recent Strategies of Management, technology & Environmental Control” organised by S D College of Engineering & Technology College Muzaffarnagar, Feb 9-10 2008 as Addl. Convener .
(xi)	Assisted in organizing the National Seminar on “Sanitation-The Challenges Ahead” organized by Department of Civil Engineering ,Institute of Engineering & Technology Lucknow ,March 26, 2008
(xii)	Organised an “International Conference on Recent Trends in Management ,Technology and Environment” S.D College of Engineering & Technology Muzzafarnagar U .P , 28-29 Nov 2009 in the capacity of Additional convener / Secretary .
(xiii)	Organised an “national workshop on Frugal Engineering in Institute of Engineering & Technology on 4 Nov 2013 as Co-coordinator
(xiv)	Organised 3 days training program for Junior/Assistant Engineers of Rural Engg Deptt During 28-30 May 2015
	Organised 3 days training program for Junior/Assistant Engineers of Rural Engg Deptt During 29-31 Jan2018

10. PARTICIPATION IN :

(A) Conferences/ Work Shops

(i)	Attended a National Work shop on Renewable Energy Sources in Rural Areas organized at I.E.T. Lucknow , 19-20 Jan 1994
(ii)	Participated in a workshop Remote Sensing & its Application organized by Remote Sensing Application Centre Lucknow held , 7-8 Feb 2001.
(iii)	Participated in National seminar on integrated Development of rural and arterial road network for socio economic growth organized by Indian Roads Congress at Delhi , 5-6 Dec 2003
(iv)	Participated in National workshop on Sustainable Pollution Control organized by Department of Civil Engineering ,Institute of Engineering & Technology Lucknow, Dec 8-9 2005 .
(v)	Participation in KN Singh Memorial Second Seminar on Quality Enhancement in Higher & Technical Education ,. Kamla Nehru Institute of Physical Sciences & KNIT Sultanpur , March 04-05 2006
(vi)	Participation in International Seminar on Innovations in Construction and maintenance of Flexible Pavements Agra , 2-4 Sept 2006 organised by Indian Roads Congress at Agra.
(vii)	Participation in International Work shop on Transportation Asset Management organized by IIT Roorkee and Indian Roads Congress , 11th October 2006, Delhi.
(viii)	Participation in National Conference & Exposition on Rural Roads 22-24 May 2007 Vigyan Bhawan Delhi, organized by National rural roads agency Delhi .
(ix)	Participation in Workshop on “National Building Code of India-2005”, organized by Institution of Engineers (India) UP Chapter , 06-07 October 2007 .
(x)	Participated in National workshop on “Sanitation-The Challenges Ahead” organized by Department of Civil Engineering ,Institute of Engineering & Technology Lucknow, March 26, 2008.
(xi)	Participated in workshop on practical’s on MATLAB for B. Tech courses organized by Department of Computer Science ,Institute of Engineering & Technology Lucknow, April 8-10 , 2008 .
(xii)	Participated in One day National Workshop on Frugal Engineering organized by Institute of Engineering & Technology Lucknow on Oct 4 , 2013
(xiii)	Participated in One day National Workshop on Institute Industry academia organized by Institute of Engineering & Technology Lucknow on sept 2013
(ix)	Participation in National Seminar on “Management and Technology of Control of disasters “ held on 23-24 Nov 2013 at S D Engineering & Technology , Muzzafarnagar
(x)	Participation in Indian Geotechnical Conference : Geo-nest 2017 held during 14-16 Dec 2017 at IIT Guwahati

(B) Participation in Short Term courses/ Workshops

(i)	3-days “Fluorosis Training Camp”. Feb 3-5 , 1994 organized by Indian Toxicological Research Center Lucknow under “Rajeev Gandhi National Drinking Water Mission”
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	North Zone Lucknow
(ii)	One week AICTE sponsored short term course in Soft Computing Tools In Civil Engineering organized by IIT Kharagpur , 13-19 Nov 2006 .
(iii)	One week short term course in Water Quality and its management organized by National Institute of Hydrology and Central Soil & materials Research Station New Delhi , 16-20 July, 2007.
(iv)	One week AICTE sponsored short term course in Urban transport Planning organized by IIT Roorkee , 24-28 June , 2007
(v)	Participation in faculty Development Program in Probability and Statistical Tools for researchers ,30 March to 30April 2009 , organised by IET Lucknow
(vi)	Participation in faculty Development Program in Research Methodology , 30 March to 30 April 2009 ,organised by IET Lucknow
(vii)	Participation in 6 days training program i.e. 21-26 May 2012 at Indian Academy for Highway Engineers , sponsored by National Rural Roads Agency ,Ministry of Rural Development ,Govt of India
(viii)	Participation in two days National Workshop on “Water Proofing Applications in Civil Engineering “ organized by National Institute of Technical Teachers Training and Research Chandigarh , 27-28 Sept 2012
(ix)	Participation in 5 days training program on “Planning strategies for accessibility and Universal Design organized by Deptt of Architecture & Civil Engineering , IIT Roorkee during 11-15 ,Nov 2013
(x)	Participation in 2 days National Seminar on “RECENT ADVANCES IN CIVIL ENGINEERING organized by Association of Consulting Civil Engineers(I) Mysore centre during 18-19 January 2019

11.RESEARCH PAPERS PUBLISHED :88

Papers in International journal	
1	Ankit kumar, Avneesh Tiwari, Tauqeer Alam, A. k. Shukla “Carbon Footprint of Solid Waste in Lucknow, India ”International Journal of Technical Innovation in Modern Engineering and Science (IJTIMES), ISSN: 24552585, March 2019
2	Avneesh Tiwari, Tauqeer Alam, Ankit kumar, A. k. Shukla “Control of Odour, Volatile Organic Compounds (VOCs) & Toxic Gases Through Bio-filtration An- Overview ” International Journal of Technical Innovation in Modern Engineering and Science (IJTIMES), ISSN: 24552585, March 2019
3	Sudhanshu Bhushan, A.K.Shukla. (2018). “Study Of Noise Pollution Level Using Noise Indices in the Study Of City Of Lucknow, Uttar Pradesh, India”Journal of Emerging Technologies and Innovation Research, (ISSN- 2349-5162) JETIR/Vol.5/Issue7/ July 2018/PP201-207.
4	Ajay kumar Vasanwal, A.K.Shukla. “Study Of Noise Exposure Level (Annoyance) And Noise Parametre At Diwali Festival In Metropolitan City: Lucknow, India” Journal of Emerging Technologies and Innovation Research, (ISSN- 2349-

	5162)JETIR/Vol.5/Issue7/July2018/PP224-229.
5	Rajeev Upadhyay, A.K.Shukla “Assessment Of Auditory And Non Auditory Impact Of Noise In Hospitals And Mitigation Measures To Provide Sustainable Hospital Environment” Journal of Emerging Technologies and Innovation Research, (ISSN-2349-5162)JETIR/Vol.5/Issue7/July2018/PP245-248.
6	Shukla.A.K. “An Approach For Design of Noise Barriers on Flyovers In Urban Areas In India” International Journal for traffic & transport Engineering , vol.1. no 2 .Sept 2011, pp. 158– 167,ISSN 2217-544X SERBIA, Belgrade (downloads more than 3300 as on 10 Feb 2016)
7	Shukla. A.K. “Prediction Of Vehicular Pollutants SO ₂ And NO _x By General Finite Line Source Model For Medium Sized Metropolitan City” , International Journal of Advanced Engineering Technology , India ,(E ISSN 0976-3945) IJAET/Vol.II/ Issue II/April-June, 2011/pp 27-36
8	Shukla. Arvind. Kumar , Jain Sukhvir. Singh, Parida. Manoranjan. Srivastava. Jyoti. Bhutan. (2009) “Performance of FHWA model for prediction of traffic noise: A case study of metropolitan city, Lucknow (India)”, TRANSPORT vol. 24, no. 3, 2009,pp. 234-240 Lithonia.
9	Shukla. A.K. , Jain, S.S., Parida. M. and Srivastava. J.B. (2008). Performance of traffic noise models for metropolitan cities. International Journal Environmental Engineering and Management, Romania, ISSN: 1582-9596 ,Journal citation reports , Impact factor 1.435) vol.7, no.4, pp 447-452, July/August 2008
Papers in National Journals	
1	Shukla. A.K. , “ Determination of Air Quality Index For Lucknow Metropolitan City (India)” ,Indian Journal of Environmental Protection (International monthly Journal), . vol. 30 no.3 pp219-224 , March 2010
2	Shukla. A.K. , Jain S.S., Parida M., Sharma S.P., “Performance of CORTN Model for Prediction of Traffic Noise in Metropolitan Cities: A Case Study of Lucknow” . Indian Highways vol. 34, no. 8, pp 59-66, August 2006
3	Shukla. A.K. Jain .Dr .S.S. ,Parida M. “Assessment of traffic impact on ambient air quality in Lucknow City” . , “ Indian Highways” vol. 35, no. 4, pp 19-31, May 2006.
4	Shukla. A.K. , Jain S.S., Parida M., Sharma S.P., “Management of Air Pollution due to Vehicular Emission in Growing Metropolitan Cities :A Case study of Lucknow”. Indian Journal of transport Management vol. 29, no. 4, pp. 457-476, Oct-Dec 2005.
5	Shukla. A.K. , Jain S.S., Parida M., Sharma S.P., “Prediction of Traffic Noise by FHWA Model for Indian Cities”, Indian Journal of Environmental Protection (International monthly Journal), vol. 25, no. 12, pp 1109-1120,Dec 2005.
6	Shukla.A.K. , Jain S.S. ,Parida. M. “Assesment of traffic noise for various land use in mixed traffic conditions : A case study of Lucknow” . Indian Journal of Air pollution Control . vol. 5, no. 2, pp 11-17, Sept. 2005.
7	Shukla.A.K. . Jain S.S., Parida. M., “Noise Pollution Status of Metropolitan City Luck now”. Indian Journal of Environmental Protection (International monthly Journal),. vol. 25, no.2, pp 126-136, Feb 2005.
8	Pandey.B.B, Singh A.K., Rao Mohan .L.N., Shukla. A.K. , “A Pneumatically

	operated apparatus for testing of soils under repeated loadings” , Indian Geo-Technical Journal 17 , (4) Oct.1987
Papers in International Conferences with ISBN	
1	Sudhanshu Bhushan, A.K.Shukla “Study Of Noise Pollution Level Using Noise Indices in the Study Of City Of Lucknow, Uttar Pradesh,India” International Conference on Engineering Technology, Science and Management Innovation(ICETSMI-2018).22 July ,2018,MCCIA,Pune.ISBN 978-93-87433-30-4.
2.	Ajay kumar Vaswanal, A.K.Shukla. “Study Of Noise Exposure Level (Annoyance) And Noise Parametre At Diwali Festival In Metropolitan City: Lucknow, India”International Conference on EngineeringTechnology,Science and Management Innovation(ICETSMI-2018).22 July ,2018, MCCIA ,Pune.ISBN 978-93-87433.
3.	Rajeev Upadhyay, Dr A.K.Shukla “Assessment Of Auditory And Non Auditory Impact Of Noise In Hospitals And Mitigation Measures To Provide Sustainable Hospital Environment” International Conference on Engineering Technology, Science and Management Innovation(ICETSMI-2018).22 July ,2018,MCCIA,Pune.ISBN 978-93-87433.
Papers in National Conferences with ISBN	
1.	Ajay kumar Vaswanal and A.K.Shukla. “Study of Noise pollution level in Metropolitan city: Lucknow at pre Diwali, Post Diwali and Diwali Day” National conference on “Technology and Environmental Management for Smart India 21-22 April, 2018, S. D. College of Engineering and Technology, Muzaffarnagar, pp 121-125, ISBN 978-93-87146-12-9
2	Sudhanshu Bhushan and A.K.Shukla. “GIS Based Assessment of Noise Pollution in Lucknow City of Uttar Pradesh” National conference on “Technology and Environment Management for Smart India 21-22 April, 2018, S. D. College of Engineering and Technology, Muzaffarnagar, pp 155-161, ISBN 978-93-87146-12-9
3	Rajeev Upadhyay and A.K.Shukla. “Occupational Noise Assessment and Management Hospitals Using Noise Exposure Indicator (NEI)” National conference on “Technology Environmental Management for Smart India 21-22 April, 2018, S. D. College of Engineering and Technology, Muzaffarnagar, pp 183-186, ISBN 978-93-87146-12-9
4	Ruchi Singh,S.P.Shukla,N.B.Singh A.K.Shukla, Markendya Singh and Dharendra Singh “Bioplastics: An option for Environmental Sustainability” Proceedings of National Seminar on “Make in India: vision ,strategy & Goal 28-29 March, 2015, S. D. College of Engineering and Technology, Muzaffarnagar, pp 29-36, ISBN 978-93-84898-54-4
5	A.K Shukla; N B Singh,S.P.shukla, “Performance Study of Public Transport and Intermediate Public Transport in Lucknow City” , Proceedings of National Seminar on “Make in India: vision ,strategy & Goal 28-29 March, 2015, S. D.

	College of Engineering and Technology, Muzaffarnagar, pp 78-89, ISBN 978-93-84898-54-4
6	N. B Singh, S.P.Shukla , A.K.Shukla, V.Pathak, Markendya Singh,Dhirendra and Ruchi Singh Vermicomposting: Sustainable Waste Management in Paper & Pulp Mills Proceedings of National Seminar on “Make in India: vision ,strategy & Goal ,28-29 Mar 2015, S. D. College of Engineering and Technology, Muzaffarnagar, pp 118-124, ISBN 978-93-84898-54-4
7	Singh Dhananjai. Singh N.B, Shukla. S.P. (2011). Shukla. A.K. Yadav. Shiva. Kumar, Khan Maimoona. Sahu. Renu. Shankar Vijay, Atulesh. Kumar Sandeep. Singh Kumar Neeraj,“Biomass And Biogas Energy Resource Management: An Option For Socio Economic Growth Of Rural Area” Proceedings of National Seminar on “Management Of Technologies For Advancing Rural India” 5 th - 6 th February, 2011, S. D. College of Engineering and Technology, Muzaffarnagar, pp 295-302, ISBN10:0230-33254-4, ISBN13:978-0230-33254-4
8	Atulesh. Shukla. S.P., Singh N.B., Shukla. A.K. , Yadav. Shiv. Kumar, Shankar Vijay, Kumar Sandeep. Sachan. Smita. Kumar Singh Neeraj. Khan Maimoona.(2011) “Monitoring Of Air Pollutants In Rural Areas Using Passive Sampler”, Proceedings of National Seminar on “Management Of Technologies For Advancing Rural India” 5 th - 6 th February, 2011 , S. D. College of Engineering and Technology, Muzaffarnagar , pp 10-17, ISBN10:0230-33254-4 , ISBN13:978-0230-33254-4
9	Shukla. A.K. , Singh. N.B, Shukla. S.P..(2011) “Criteria For Assessment Of Performance PMGSY Roads” , Proceedings of National Seminar on “Management Of Technologies For Advancing Rural India” 5 th - 6 th February, 2011 , S. D. College of Engineering and Technology, Muzaffarnagar, pp 310-317, ISBN10:0230-33254-4, ISBN13:978-0230-33254-4
10	Yadav. Shiv. Kumar, Shukla. S.P., Singh N.B., Shukla. A.K. , Singh Neeraj. Kumar, Sachan. Smita. Atulesh. Singh Dhananjai. Kumar Sandeep. Khan Maimoona, “ Assessment Of Traffic Noise Level At Boundary Of Rural Area On A National Highway” Proceedings of National Seminar on “Management Of Technologies For Advancing Rural India” 5 th - 6 th February, 2011 , S. D. College of Engineering and Technology, Muzaffarnagar, pp 93-102, ISBN10:0230-33254-4, ISBN13:978-0230-33254-4
11	Singh Neeraj. Kumar, Shukla. S.P. Singh N.B, Shukla. A.K. , Yadav. Shiv. Kumar, Atulesh. Singh Dhananjai. Shankar Vijay, Kumar Sandeep. Sahu. Renu. “Status Of Water Supply In Rural Areas Of India” , Proceedings of National Seminar on “Management Of Technologies For Advancing Rural India” 5 th - 6 th February, 2011 , S. D. College of Engineering and Technology, Muzaffarnagar , pp 246-53, ISBN10:0230-33254-4, ISBN13:978-0230-33254-4

12	Shukla. Ankita. Shukla. A.K. and Shukla. S.P. (2009). Primary pollutants Emission from vehicles and its unsympathetic health impact on inhabitants in Lucknow City, Proceedings of the Civil Engineering Conference—Innovation without Limits (CEC-09), 18–19 September 2009, NIT, Hamirpur, 579-584. ISBN 93-80043-34-1.
13	Jain .Dr .S.S., Parida. M, Shukla.A.K. (2003) , “Traffic Management and Air Pollution” in National Conference “Advances in Civil Engineering : Perspectives of Developing Countries , held at HBTI Kanpur India during 15-16 Feb 2003 ,ISBN 81-7764-418-1.
Papers in International conferences	
1	Tauqeer Alam, A.K. Shukla, “Vehicular Emission in Lucknow using COPERT 5 Program” in First International Conference on Clean and Renewable Energy (ICCARE 2019), organized by National Institute of Technology, Durgapur from July 10-12, 2019.
2	Avneesh Tiwari, A.K. Shukla, “Seasonal Variability of Air Pollutants” in First International Conference on Clean and Renewable Energy (ICCARE 2019), organized by National Institute of Technology, Durgapur from July 10-12, 2019.
3	Ankit Kumar, A.K. Shukla, “Vehicular Emissions at Traffic Intersections in Lucknow” in First International Conference on Clean and Renewable Energy (ICCARE 2019), organized by National Institute of Technology, Durgapur from July 10-12, 2019.
4	Tauqeer Alam, A.K. Shukla, “Vehicular Emission Inventory of Lucknow” in International Conference on Recent Advancement in Civil Engineering and Infrastructural Developments (IC-RACEID-2019) organized by G.H. Raisoni College of Engineering, Nagpur, India from July 5-6, 2019
5	Avneesh Tiwari, A.K. Shukla, “Role of Meteorology in Seasonal Variation of Air Pollution” in International Conference on Recent Advancement in Civil Engineering and Infrastructural Developments (IC-RACEID-2019) organized by G.H. Raisoni College of Engineering, Nagpur, India from July 5-6, 2019
6	Ankit Kumar, A.K. Shukla, “Estimation of Carbon Dioxide Emission from Vehicles in Lucknow” in International Conference on Recent Advancement in Civil Engineering and Infrastructural Developments (IC-RACEID-2019) organized by G.H. Raisoni College of Engineering, Nagpur, India from July 5-6, 2019
7	Apoorva Shukla, A.K. Shukla, “ Effect of Ban of Firecrackers in 2017 on PM_{2.5} and CO Concentrations in Lucknow City” in 7 th International Conference on Multidisciplinary Research at Institution of Engineers Chandigarh on June 30,2019.
8	Sudhanshu Bhushan,A.K.Shukla, “Development of Noise map using GIS for Lucknow Metropolis” in the International Conference on Infrastructure and development (ICID 2018) , Department of civi Engineering, MBCET, Thirvantpuram, conducted from 21-23 June ,2018.
9	Ajay Kumar Vasanwal, A.K.Shukla, “Comaritive Study Of Noise Descriptors And Noise Exposure Level Due To Diwali Noise In Metropolitan City:Lucknow” in the International Conference on Infrastructure and development (ICID 2018) , Department of civi Engineering, MBCET, Thirvantpuram, conducted from 21-23 June

	,2018.
10	Rajeev Upadhyaya,A K shukla “Economic viability of Electric Rickshaw & CNG Auto rickshaw in Lucknow Metropolitan City” in the International Conference on Recent Advances In Transport Infrastructure (RAT-MANIT 2018),Department of civil Engineering and Architecture & Planning ,Maulana Azad National Institute ofTechnology , Bhopal conducted from 13 th -14 th February ,2018
11	Shukla. S.P., Kumar, A., Singh, N.B. and Shukla. A.K. (2009). Environmental hazards of mercury emissions, Proceedings of International conference on recent trends in management, technology & environment, 28-29 November 2009, S. D. College of Engineering and Technology, Muzaffarnagar, 7-15. ISBN 023-032-820-2.
12	Singh, N.B., Shukla. S.P. and Shukla. A.K. (2009). Effect of earthworm population on substrate pH during vermicomposting, Proceedings of International conference on recent trends in management, technology & environment, 28-29 November 2009, S. D. College of Engineering and Technology, Muzaffarnagar, 20-24. ISBN 023-032-820-2.
13	Shukla. A.K. , Shukla. S.P., Singh, N.B. and Shukla. A. (2009). Application of general finite line source model for prediction of SO ₂ and NO _x concentration in Lucknow metropolitan city, Proceedings of International conference on recent trends in management, technology & environment, 28-29 November 2009, S. D. College of Engineering and Technology, Muzaffarnagar, 45-53. ISBN 023-032-820-2.
14	Shukla. S.P., Mishra. V., Singh, N.B. and Shukla. A.K. (2009). The greed is now green in color: Carbon credits, Proceedings of International conference on recent trends in management, technology & environment, 28-29 November 2009, S. D. College of Engineering and Technology, Muzaffarnagar, 58-63. ISBN 023-032-820-2.
15	Shukla. A.K. , Yadav. LS, Singh NB, Srivastava. J.B. “Standards, strategies and guidelines to mitigate air and noise pollution from urban areas” in the International Conference on Civil Engineering in the New Millennium: Opportunities and Challenges (CENeM-2007) January 11-14 , 2007 Bengal Engineering and Science University, Shibpur, Howrah, WB, India (ISBN81-902768-6-7)
Papers in National Conferences /workshops & Others	
1	Shukla. A.K. , “Environmental Analysis & Modeling of Metropolitan Transport System” Seminar on "R& D activities in IET Lucknow" , 20.06.2002
2	Jain .Dr .S.S., Parida. M. Shukla. A.K. , “Traffic Management and Air Pollution” National Conference “Advances in Civil Engineering : Perspectives of Developing Countries , held at HBTI Kanpur India , 15-16 Feb 2003.
3	Shukla. A.K. , “Traffic Related Air Pollution for Lucknow Metropolitan City” National Conference on “Environment, Health and Sustainable Development” organized by I.D.C Foundation Delhi , 12-13 Feb 2004.
4	Shukla. A.K. “Development of Traffic Management Strategies for Lucknow” National seminar, “Strategies in Traffic Engineering & Management”, organized by MSRIT Bangalore , 12-13 Feb 2004.
5	Shukla. A.K. , Jain S.S. ,Parida. M, on “Analysis of Accident Black Spots for

	Metropolitan City: A case Study” National seminar , “Strategies in Traffic Engineering & Management” , organized by MSRIT Banglore , 12-13 Feb 2004
6	Shukla. A.K. , Bhargava. Anuj. “Vehicular Noise Pollution Status in Lucknow”. workshop organized by Civil Engineering Department , Institute of Engineering & Technology , 30 April 2004 .
7	Shukla. A.K. ,Bhargava. Anuj . “A Study of Traffic Noise for Various Land Use for Mixed Traffic conditions” workshop organized by Institute of Environment & Management , Lucknow , Sept 18 , 2004
8	Shukla. A.K. , Srivastava.J.B. “Development of Road Infrastructure in Hilly region maintaining Environmental balance”, National workshop on “Environmental & Pollution Awareness in hilly Areas” organized by College of Technology , Pant agar, 30 ,Oct 2004.
9	Kumar Brind, Srivastava. J.B. , Shukla. A.K. , “Strategies of Noise Pollution Control on Hill Roads” workshop “Environmental & Pollution Awareness in hilly Areas” organized by College of Technology , Pantnagar , 30, Oct 2004.
10	Shukla. A.K. , Srivastava. J.B., “Safer Roads: Role Of NGOs” National conference “Traffic Engineering & Road Safety in India - Problems & Prospect” organized by Traffic Engineers & Safety Trainers, Banglore ,26-27 Nov 2004.
11	Shukla. A.K. Srivastava. J.B. “ Traffic Safety Management For Medium Sized Metropolitan Cities For Indian Scenario” conference “Traffic Engineering & Road Safety in India - Problems & Prospect” organized by Traffic Engineers & Safety Trainers,26-27 Nov 2004 Banglore .
12	Shukla. A.K. , “An Overview of technology & uses of Recycled plastics in Construction” National conference on “Building Materials & Technology for Sustainable Development” , at SBST, CEPT, Ahmedabad, January 21-22, 2005.
13	Shukla. A.K. “Use of some Industrial Waste in Soil Stabilization : An Overview “ , National seminar on “Advances in Geotechnical Engineering” (AGTE-2005), NIT-Rourkela, 21-22 January, 2005
14	Shukla. A.K. , “Road Developments : Past and Future” , National Conference “Advances in Road Transportation” (ART-2005), February 12-13, 2005 Civil. Engg. Deptt. NIT-Rourkela
15	Shukla. A.K. “Transportation Planning for Minimization of Vehicular Pollution: A Case study of Lucknow”, National Seminar on “Solid And Hazardous Waste Management: Problems And Solutions” Held at International Development Center Foundation (IDC Foundation) ,28-29 April, 2005
16	Shukla. A.K. , Yadav.L.S, Srivastava. J.B. ,”Some Solutions for Better Traffic Management with Minimal Pollution” National Conference on ‘Environmental degradation: Problems and Preventions’ at SDCET, Muzaffarnagar 17.09.2005.
17	Shukla. A.K. , Srivastava. J.B , Jain S.S ,Parida. M, “Mitigation of Urban Vehicular Noise Pollution: An Approach” National conference ‘Environmental degradation: Problems and Preventions’ at SDCET, Muzaffarnagar 17.09.2005.
18	Shukla. A.K. . Jain S.S, Parida . M. and Srivastava. J.B. “Strategies for Abatement of Air Pollution in Metropolitan Cities” Seminar on “Urban Transport Planning & Management” organized by CIRT Pune20-22 Oct 2005 .

19	Yadav. Pankaj. Singh N.B, Shukla. S.P, Shukla. A.K , Durgesh. Pratap. Ranjana. Shukla “Synthesis And Characterisation Of Novel Cobalt Complex For Application Towards Catalytic Oxidation Of Organic Pollutant (Phenol) in the Environment “.Seminar on Recent Trends in Science, Technology & its applications” S D College of Engineering & Technology Muzaffarnagar, 7-8 Jan 2006.
20	Shukla. A.K , Parida. M, Jain. S.S, Srivastava. J.B, Singh N.B, Kumar Arun . “Out Door Noise Abatement Measures: A Design Approach” . Seminar “Recent Trends in Science, Technology & its applications” College of Engineering & Technology Muzaffarnagar ,7-8 Jan 2006.
21	Shukla. A.K , Parida. M , Jain S.S, “Geographical Transferability of Traffic Noise Prediction model” National seminar on “Environmental Effects on Civil Engineering Structures” organized by Department of Civil Engineering Sri .Venkateswara University, Tirupati 14-15 July 2006
22	Shukla.A.K “ Environmental and Social Issues in PMGSY roads” 1st National conference on “Civil Engineering : Advancement and Challenges” , Deptt. of Civil Engg. MMEC Ambala. March 9- 10 , 2007, .
23	Shukla. A.K .,Srivastava. J.B.,Singh. N.B, “A New Vision in urban planning To Achieve Clean Air ” in a National Seminar On “Public Participation For Environmental Control” .organised by SD Engineering College Muzaffarnagar , 7 April 2007 .
24	Yadav. Pankaj. Pratap. Durgesh. .Singh N.B, Shukla. A.K “ Photochemical Smog: Sources, Effects On The Environment And Its Control” , National seminar on “Public Participation For Environmental Control” .organised by S D Engineering College Muzaffarnagar , 7 April 2007
25	Shukla.A.K , Srivastava, J.B ,Jain S.S, Parida M, Singh. N .B, Shukla. Ranjana. “Urban Transport Planning For Reduction of Vehicular Air Pollution” in a national seminar on “ Public Participation For Environmental Control” organised by S D Engineering College Muzaffarnagar , 7 April 2007 .
26	Singh N.B, Mishra Amit, Yadav Pankaj, Pratap Durgesh, Shukla A.K. , Bhargava D.S. ‘ Study Of The Rapid Environmental Impact Assessment Of Lather Complex” in a national seminar on “ Public Participation For Environmental Control” organised by S D Engineering College Muzaffarnagar , 7 April 2007 .
27	Singh N. B, Yadav. Pankaj. Pratap. Durgesh. Shukla. A.K , “Vermicomposting – An Eco-Friendly Technology For Solid Waste Management” .National Conference on “Environment Pollution & Health : Problem and Solution” ,organised by International Development foundation Center ,19- 20 April 2007 New Delhi .
28	Shukla. A. K , Singh N.B, “Assessment of Environmental Capacity of certain routes in Lucknow city” National Seminar ‘Recent Strategies of Management, Technology & Environmental Control” organised by SD Engg. College Muzaffarnagar , Feb 9-10 2008
29	Mishra. Brajesh. Singh N.B, Shukla. A.K , Yadav. Pankaj. Pratap. Durgesh. ‘E-Waste: A Threat In India “National seminar on ‘Recent Strategies of Management, Technology & Environmental Control” organised by SD Engineering College Muzaffarnagar Feb 9-10 2008

30	Singh N.B, Yadav. Pankaj. Shukla A. K , Shukla. S.P “ Engineered Solid Waste Disposal System- A Case Study for Lucknow Cantonment Area “ National seminar on ‘Recent Strategies of Management, Technology & Environmental Control” organised by SD Engineering College Muzaffarnagar, Feb 9-10 2008
31	Shukla. A.K , Yadav. A, Gauba. A, Dhasmana. H, Verma. S.K. and Srivastava. S. (2008). Social and environmental effect of transport infrastructure development, Proceedings of national conference on climate change and impact on health, 22-23 May 2008, International development centre foundation, New Delhi, 55-60.
32	Shukla.A.K , Srivastava. J.B. “ Role of Public Participation in Maintenance of Rural Roads” All India Seminar on “Highway Development: Design , construction ,Operation & repairs” organized by Institution of Engineers (India),Lucknow, 16-17 Nov 2008 at IEI Lucknow.
33	Shukla. A.K, Shukla. S.P, Singh N.B, Pandey. Chakrapani “Role Of Community and Governance In Sustainability of Few Environmental Issues”, National Conference on Recent Advances in Civil Engineering,4-5 March 2011 , Arya College of Engineering & Research Centre Jaipur , Rajasthan.
34	Shukla A.K. “Causes and measures for prevention of disasters due to land slides in hilly areas” National Conference on “Management & Technology of Control of Disasters , 23-24 Nov 2013 at SD College of Engg & Technology, Muzzafarnagar
35	Markandeya, SP Shukla, NB Singh, AK Shukla, V Pathak, VK Singh, D Singh and R Singh “Fly ash and its utilization in india” National Conference on Skill India Initiative S D Engg College ,Muzzafarnagar 27-28 Feb 2016
36	D. Dwivedi, SP Shukla, NB Singh, AK Shukla, V Pathak, VK Singh, Markandeya, D Singh, R Singh “Development of air quality models in india: a review” ” National Conference on Skill India Initiative S D Engg College ,Muzzafarnagar 27-28 Feb 2016
37	Ruchi Singh, SP Shukla, V Pathak, NB Singh, AK Shukla, VK Singh “An ANN Application for River Water Quality Forecasting” National Conference on Skill India Initiative S D Engg College ,Muzzafarnagar 27-28 Feb 2016
38	V.K.Singh ,K. Narayan, N.B.Singh, S.P.Shukla and A.K.Shukla “Seismic retrofitting Of School Building in LakhimpurKheri, Uttar Pradesh” National Conference on Skill India Initiative S D Engg College ,Muzzafarnagar 27-28 Feb 2016
39	A. K. Shukla · S. P Shukla, N B Singh V K Singh ,Apoorva Shukla “comparison between bus transport and intermediate public transport (ipt) in Lucknow metropolitan city “National Conference on Skill India Initiative S D Engg College ,Muzzafarnagar 27-28 Feb 2016
40	A K Shukla ,Apoorva Shukla “measures to enhance road safety on urban roads” National Conference on “CONVERGENCE OF TECHNOLOGY AND

MANAGEMENT FOR ADVANCING INDIA” S D Engg College ,Muzzafarnagar 25-26 Feb 2017

12. Review/Evaluation of books and conference proceeding

- (i) Review of a book on Airport Engineering Published by M/s Tata Mc-Graw-Hill,1990.
- (ii) Evaluation of a book 'Urja Sansadhno Ki Khoj Mein ' written by Shri Sukh Dev Prasad & Published by Kitab Ghar(book)
- (iii) Technical editing of Environmental part of Proceedings of *International Conference on Recent Trends in Management ,Technology and Environment”* at S.D College of Engineering & Technology Muzzafarnagar 28-29 Nov 2009 with Professor Prof. D.S. Bhargava (retired Prof IIT Roorkee) .
- (iv) Editing of Proceeding on National seminar on Recent Strategies of Management, Technology & Environmental Control” organised by SD Engineering College Muzaffarnagar , Feb 9-10 ,2008
- (v) Editing of Proceeding on National seminar on “ Public Participation For Environmental Control” organised by SD Engineering College Muzaffarnagar , 7 April 2007
- (vi) Editing of Proceeding on National seminar on “Recent Trends in Science, Technology & its applications “ organized by SD Engineering College Muzaffarnagar , 7-8 Jan 2006.
- (vii) Editing of Proceeding on National seminar on Environmental degradation: Problems and Preventions” organized by SD Engineering college , Muzaffarnagar , 17.09.2005.
- (viii) Editing of Proceedings of National workshop “Environmental Pollution: Perspectives and Practices” organized by Civil Engineering Department , Institute of Engineering & Technology , 30 April 2004 .

14. Other Responsibilities:

1	Dy Coordinator (State Technical Agency) Pradhan Mantri Gram Sadak Yojna
2	Co- Coordinator M.Tech Environmental Engg Programme
3	Worked as Principal Investigator of AICTE funded National Coordinated Project on Environment Interaction , April 2001-June 2004
4	Worked as Principal Investigator of AICTE funded National Coordinated Project on Road Traffic safety , April 2002-March 2007
5	Warden Hostel Raman Bhawan IET Lucknow
6	Incharge Security IET Lucknow
7	Nodal Officer Civil Works TEQUIP I (World Bank project)
8	Member for confidential works of Union Public service
9	Expert member for various selection committees
10	Departmental study Tour In- charge

11	Member of board of Studies of Lucknow University
12	Expert member of UP subordinate Commission
13	Ex-Member of Section Committee for UP & Uttarankhand of Indian Society for Technical Education Delhi
14	Worked as Assistant Coordinator State Engineering Examinations 1992 .
15	Worked as External Examiner for B. Tech. with Kanpur University, Gorakhpur University, Bundelkhand University and U.P. Technical University, Lucknow.
16	Worked as Member, inspection committee for affiliation, U.P. Technical University, Lucknow
17	Worked for Counseling guidance/ counseling duty for UG/PG admission.
18	Member Discipline Committee of IET Lucknow
19	Ex-Member of Academic Committee of IET Lucknow
20	State Technical agency Coordinator for State Water & Sanitation Mission Govt of UP
21	Departmental Incharge for purchase of items under TEQUIP-II
22	Departmental representative for library matters of Institute
23	Worked as Head of Deptt wef 21.08.1988 to 29 .04.1996
24	Worked as Incharge Civil Maintenance
25	Coordinator M Tech Environment Engineering

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