

**COMPILATION OF DATA OF TECHNICAL PERSONS HAVING EXPERIENCE IN THE FIELD OF ENVIRONMENT SCIENCES AND ENGINEERING FROM PUNJAB.**

Sr. No.	Name & Designation of person	Department	Qualification	Experience in the Environment or allied field	Specialized works and expertise	Mobile / E-mail id	Environment related Projects/ outstanding activity/paper published
<p><b>Adesh Institute of Medical Sciences and Research, NH-7, Barnala Road, Bathinda Punjab (India)- 151101</b></p> <p><b>Contact Person: Dr. Varun Mohan Malhotra, Dean Academics, AIMSAR      Email - aimsr@adeshuniversity.ac.in      Mobile No. : 98723-66168</b></p>							
1.	Dr. Tanvir Kaur Sidhu Professor & Head of the Department of Community Medicine	Community Medicine	MBBS MD-Community Medicine	Has vast experience of teaching and training Medical Students (both MBBS & MD) in Environmental Health.	Co-Supervisor of PG Thesis Investigator & co-author – Study of utilization of Community RO water and awareness about it among rural households in Bhalaiana.	9815903976 <a href="mailto:sidhutanvir@gmail.com">sidhutanvir@gmail.com</a>	<p>Kaur H, Coonar PPS, Sidhu TK, Singh G, Malhotra V.A study of utilization of community reverse osmosis water and awareness about it among rural household in rural health and training centre Bhalaiana. International Journal of Community Health and Medical Research. 2018:55-62</p> <p>Gupta V, Goyal A, Sidhu TK. A survey to identify adverse health effects associated with stubble burning. Journal of Research in Medical Education and Ethics. 2017;7(2):11423.</p> <p>Practice of environmental sanitation and hygiene in the light of "Swacha Bharat Abhiyan": a study among female residents of rural Punjab, India Sourabh Paul, Shyam Mehera, Gurkirat Sidhu, Varun Malhotra, Tanvir K. Sidhu, Paresh Prajapati International Journal of Community Medicine and Public Health 2020 Oct;7(10):4017-4027</p> <p>Swachh Bharat Summer Internship Programme: An opportunity of Community Based Service Learning Practice for Medical Students in india S Paul, S Mehra, G Sidhu, V Malhotra, TK Sidhu, P Prajapati International Journal of Medicine and Public Health 2021, 11 (2), 118-123</p>
2.	Dr. Amandeep Kaur, Professor	Microbiology	M.Sc. Microbiology, Ph.D. Medical Microbiology	Coordinator Environmental Studies (Trained more than 500 students in Undergraduate and Postgraduate Students in last 2 years).	Teaching Experience two Years of EVS to MBBS and M.Sc. students of AIMSAR as per UGC Curriculum	9888288284 <a href="mailto:Amansaini78@rediffmail.com">Amansaini78@rediffmail.com</a>	Member, Bio-medical Water Management Committee, AIMSAR

Sr. No.	Name & Designation of person	Department	Qualification	Experience in the Environment or allied field	Specialized works and expertise	Mobile / E-mail id	Environment related Projects/ outstanding activity/paper published
<b>Avantha Centre for Industrial Research &amp; Development, Thapar Technology Campus, Bhadson Road, Patiala, Punjab (India)- 147004</b> <b>Contact Person: Ms. Nirmal Sharma      Email Id: nirmal@avantharesarch.org      Mobile No. : 9812002683</b>							
3.	Ms. Nirmal Sharma (NS), Research Engineer	Environment & Resource Management	M.Tech. Environmental Science & Engineering	Prevention and abatement of pollution through process modifications for pulp and paper industry.  Water Conservation and recycling.  Techno - economic process for the wastewater treatment and Environmental Assessment	18 years of experience in field of Environment	9812002683  <a href="mailto:nirmal@avantharesarch.org">nirmal@avantharesarch.org</a>	<b>Joint list of projects carried out by the Avantha centre (Faculty name is abbreviated in the bracket</b> (* Ms. Nirmal Sharma(NS), Dr. Subir Barnie(SB), Dr. Varun Kumar (VK), Mr. Om Prakash Mishra(OPM), Dr. Puneet Pathak(PP), Dr. Nishi Kant Bhardwaj (NKB)) Secondary sludge treatment and disposal methods for pulp & Paper industry (PP, NS) Removal of colour in pulp and paper mill effluent by ozonation and other advanced treatment methods (NS, PP, OPM, NKB) Selection of flocculants for dewatering of fibrous sludge (PP, NS) Laboratory scale on AOX removal of high AOX containing effluents (NS, PP) Pilot Scale trial of MBBR-ASP at BGPPL, Unit-Ballarpur (PP) Control of bulking sludge in aero bic treatment process in pulp & paper mill (NS, PP) Natural augmentation of nitrogen for activated sludge process treating pulp & paper mill effluent (SB, NKB)
4.	Dr. Subir Barnie (SB), Research Scientist	Environment & Resource Management	Ph.D. Botany	Techno-economic process for the waste water treatment  Environmental analysis	29 years of experience in field of Environment	9992000981  <a href="mailto:subir@avantharesarch.org">subir@avantharesarch.org</a>	Optimization of nutrients for activated sludge process treating pulp & paper mill effluent (SB, NS, PP) Study of non-process elements in recovery cycle (SB, NS, PP) Environment assessment and process Improvement at BILT Unit-Kamalapuram (PP, NS) Isolation and evaluation of efficient microorganisms for treatment of wastewater from pulp and paper mill (PP, VK, NKB)

Sr. No.	Name & Designation of person	Department	Qualification	Experience in the Environment or allied field	Specialized works and expertise	Mobile / E-mail id	Environment related Projects/ outstanding activity/paper published
5.	Dr. Varun Kumar (VK), Research Scientist	Environment & Resource Management	Ph.D. Forest Biotechnology	Techno-economic process for the wastewater treatment	10 years of experience in field of Environment	9760011271 <a href="mailto:varun@avantharesearch.org">varun@avantharesearch.org</a>	Techno-economical process for wastewater treatment to meet the discharge norms at BILT Unit- Kamalapuram (PP, NS, NKB)
				Environmental analysis			Biochemical abatement of pollution load in wastewater to meet the future stringent norms for agro based pulp and paper mills (SB, PP, NKB)
6.	Mr. Om Prakash Mishra (OPM), Research Scientist	Pulping & Bleaching	M.SC. Environment Science	Prevention and abatement of pollution through process modification for pulp and paper industry	30 years of experience in field of Environment	9812327299 <a href="mailto:opm@avantharesearch.org">opm@avantharesearch.org</a>	Preparation and application of adsorbents prepared from solid waste of pulp and paper mill for reduction in pollution load (NS, PP, SB)
							Water and air audit of Punjab Chemical and Crop Protection, Punjab (NS, NKB)
							Water audit of IOL Chemicals and Pharmaceuticals Ltd, Barnala, Punjab (NS, NKB)
							Improvement in quality of rice straw pulp through modification in pulping and bleaching process (NS, OPM, NKB)
7.	Dr. Puneet Pathak (PP), Research Scientist	Nanotech. & Advanced Biomaterials	Ph.D. Industrial Microbiology	Chemical and biological processes for treatment of wastewater, Biorefinery	10 years of experience in field of Environment	8607488484 <a href="mailto:puneet@avantharesearch.org">puneet@avantharesearch.org</a>	Study on organosolv pulping of agro residues (NS, OPM, NKB)
							Utilization of Banana Stem Juice for renewable energy and value added products (PP, NKB)
							Process development for cost effective production of fungal endoglucanase, lipase and amylase for deinking of newsprints and MOW papers (PP, NKB)
8.	Dr. Nishi Kant Bhardwaj (NKB), Director	Director	Ph.D. Chemical Engineering	Prevention and abatement of pollution through process modification for pulp and paper industry, Techno-economic process for the wastewater treatment	31 years of experience in field of Environment	8950089516 <a href="mailto:nishi@avantharesearch.org">nishi@avantharesearch.org</a>	Improvement in ECF bleaching by hot acid pretreatment and hot chlorine dioxide for AOX reduction (NS, OPM, NKB)
							Use of indigenous enzyme for reduction in refining energy (NS, OPM, NKB)
							Developing bleaching-sequence using eco-friendly chemicals (peracetic acid/oxygen/ozone) for improving pulp quality and pollutants reduction (OPM, NS, NKB)
							Environment friendly bleaching sequence for mixed agro and hardwood pulps (SB, OPM, NS)

Sr. No.	Name & Designation of person	Department	Qualification	Experience in the Environment or allied field	Specialized works and expertise	Mobile / E-mail id	Environment related Projects/ outstanding activity/paper published
							<p>Effective of prehydrolysate liquor recycling on rayon grade pulp making process and quality (NS, OPM, NKB)</p> <p>Evaluation of different raw materials (banana stem, sarkanda, rice straw, lemon grass etc.) for papermaking (NS, OPM, NKB)</p> <p>Reduction in pollutants generated during bleaching at BILT-SGU to fulfil the CPCB charter for paper mills situated at Ganga River Basin (NS, OPM, NKB)</p> <p>Production of Cellulosic ethanol and other value added products from sugarcane tops/rice straw/banana stem (PP, VK, NKB)</p>
<b>Punjab Agriculture University, Ludhiana, Punjab (India)-141004</b>							
9.	Dr. Tejdeep Kaur Kler Principal Ornithologist	Zoology	Ph.D.	<p>Ecology &amp; avian biology</p> <p>Animal diversity assessment</p> <p>Beneficial aspects of avian species of different feeding guilds in agricultural ecosystem</p> <p>management of depredatory species &amp; their damage assessment in cereal, oil seed &amp; horticultural crops</p> <p>species dependence on habitat constituents in varied ecosystems</p> <p>formulating holistic plans to preserve habitat elements and to manage animal populations in Indian Air Force stations.</p>	<p>25 years of surveying, monitoring and analysing trends of bird populations</p> <p>Species diversity indices and avian richness in relation to habitat types like wetlands, agricultural areas and in urban areas.</p> <p>Avian species specific requirements of forging, nesting, roosting and breeding preferences in context of indigenous trees, shrubs, crop types and architectural designs of rural residential and urban habitations</p>	9855965904 <a href="mailto:tejdeepkler@pau.edu">tejdeepkler@pau.edu</a>	<p>Principal Investigator of Indian Council of Agricultural Research funded All India Network on Vertebrate Pest Management (Agricultural Ornithology).</p> <p>Principal Investigator of University Grants Commission funded major research project. Collaborative project with State Wildlife Department.</p> <p>As member of State Govt. Committee on Sparrow revival.</p> <p>Involved in formulating FAO project on biodiversity in agriculture with Punjab Agricultural Management and Extension Training Institute. Subject matter expert to 'Centre of Restoration of Ecology of Punjab' of Punjabi University Patiala.</p> <p>Avian Expert to Indian Air Force Stations.</p> <p>Principal Investigator of Conservation and Restoration of Ecology of River Beas in the wake of spillage of molasses in River Beas" funded by Punjab Pollution Control Board.</p>

Sr. No.	Name & Designation of person	Department	Qualification	Experience in the Environment or allied field	Specialized works and expertise	Mobile / E-mail id	Environment related Projects/ outstanding activity/paper published
10.	Dr. Dhanwinder Singh Principal Soil Chemist	Soil Science	Ph.D (Soil Science)	Heavy metals pollution in soil and water	15 years of experience in the field	9988246643 <a href="mailto:dhanwinder@pau.edu">dhanwinder@pau.edu</a>	Research papers published in national and international journals of repute
11.	Dr Priya Katyul Microbiologist	Microbiology	Ph.D (Microbiology)	Co-Investigator in the project entitled "Conservation and restoration of Ecology of River Beas including rejuvenation of Aquatic life in the wate of Spillage of Mollasses in the river Beas".	Working in the field of Water Microbiology	9991117787 <a href="mailto:drpkatyul@pau.edu">drpkatyul@pau.edu</a>	"Risk assessment of Heavy metal pollution on Human health in relation to water quality of River Beas (India)" has been submitted to Journal, Environmental Pollution. "Heavy metal resistant bacteria has been identified on the basis of Molecular characterization and their 16S rRNA sequences has been deposited in NCBI wide the accession no. GenBank MZ882154, GenBank MZ902928, GenBank MZ902932, GenBank MZ902992, GenBank MZ902994 and OK258312".
<b>Centre for Sustainable Habitat, Guru Nanak Dev University, G.T. Road, Amritsar</b>							
<b>Contact Person : Dr. Ashwani Luthra</b> <b>Email : <a href="mailto:gnducsh@gndu.ac.in">gnducsh@gndu.ac.in</a></b> <b>Mobile no. : 8146557234</b>							
12.	Dr. Dr. Aswani Luthra	Planning	Master of City & Regional Planning Ph.D	Built Environment Transport Emissions Green Mobility Air/ Noise Pollution Solid Waste Mngt. Wastewater and Sanitation	31 years of experience in the field	8146557234 <a href="mailto:ashwani.planning@gndu.ac.in">ashwani.planning@gndu.ac.in</a>	Undertaking and monitoring the research projects undertaken as per the mandate of the Centre
13.	Dr. Kiran Sandhu	Planning	Master of City & Regional Planning Ph.D	Built Environment Solid Waste Mngt. Wastewater and sanitation	25 years of experience in the field	9501244377 <a href="mailto:kirandeep.planning@gndu.ac.in">kirandeep.planning@gndu.ac.in</a>	Supervising Ph.D/PG/UG level research on environmental challenges
14.	Dr. Gopal Joshi	Planning	Master of City & Regional Planning Ph.D	Built Environment Wastewater and sanitation	26 years of experience in the field	9356002636 <a href="mailto:gopal.plan@gndu.ac.in">gopal.plan@gndu.ac.in</a>	Supervising Ph.D/PG/UG level research on environmental challenges
15.	Dr. Ritu Raj	Planning	M. Plan (Environment)	Built Environment Air/ Noise Pollution Solid waste Mngt. Wastewater and Sanitation Green Energy	10 years of experience in the field	8054160025 <a href="mailto:rituraj.plan@gndu.ac.in">rituraj.plan@gndu.ac.in</a>	Supervising Ph.D/PG/UG level research on environmental challenges

Sr. No.	Name & Designation of person	Department	Qualification	Experience in the Environment or allied field	Specialized works and expertise	Mobile / E-mail id	Environment related Projects/ outstanding activity/paper published
<b>Sant Baba Bhag Singh University, Padhiana, Post Office- Khiala, Distt. Jalandhar, Punjab</b>							
Email : <a href="mailto:registrar@sbbsuniversity.ac.in">registrar@sbbsuniversity.ac.in</a> Contact No. : 9356142931							
16.	Dr. Vikas, Associate Professor & Director R&D	Agriculture, University Institute of Science (UIS)	Ph. D	Environmental Biotechnology	More than 10 years of experience in the field	8219913958 <a href="mailto:vikasam@gmail.com">vikasam@gmail.com</a>	Environment related Teaching & Research
17.	Dr. Indu Sharma, Associate Professor & Registrar	Botany (Life Sciences & allied Health Sciences), University Institute of Science (UIS)	Ph .D	Environmental Stress Management, Plant Stress Physiology and Biochemistry	More than 10 years of experience in the field	9356142931 <a href="mailto:indu.gndu@gmail.com">indu.gndu@gmail.com</a>	Environment related Teaching & Research
18.	Dr. Vikrant Jaryan, Associate Professor	Agriculture, University Institute of Science (UIS)	Ph .D	Agroforestry, Invasion Biology & Ecology	More than 10 years of experience in the field	9599761765 <a href="mailto:drvikrantjaryansbbsu@gmail.com">drvikrantjaryansbbsu@gmail.com</a>	Environment related Teaching & Research
<b>Shaheed Bhagat Singh State University, Moga Road, Ferozepur Cantt-152004</b>							
Contact person: Dr. Sangeeta Sharma E-mail ID: <a href="mailto:rajivarora@sbsstc.ac.in">rajivarora@sbsstc.ac.in</a>							
19.	Mr. Surinder Singh, Assistant Professor	Chemical Engineer	M.Tech	Sewage Treatment Plants	2 years and 7 months experience in Saudi Arabia related to sweet, Sewage water treatment plants and its supply and recycling	8283801469 <a href="mailto:sSurinder303@gmail.com">sSurinder303@gmail.com</a>	
20.	Dr. Rajiv Arora, Associate Professor	Chemical Engineer	P.hD	Environmental Problems	Environmental Problems	9463385619 <a href="mailto:rajivarora@sbsstc.ac.in">rajivarora@sbsstc.ac.in</a>	
21.	Dr. Amit Arora	Chemical Engineer	P.hD	Environmental Problems	M.Tech in Environmental Science & Engineering and guiding Ph.D in environmental areas as well as working in carbon capture.	8427672776 <a href="mailto:amitarora@sbsstc.ac.in">amitarora@sbsstc.ac.in</a>	

Sr. No.	Name & Designation of person	Department	Qualification	Experience in the Environment or allied field	Specialized works and expertise	Mobile / E-mail id	Environment related Projects/ outstanding activity/paper published
<b>Dr B R Ambedkar National Institute of Technology, Jalandhar</b>							
22.	Dr. A.K Agnihotri, Professor (HAG)	Civil Engineering	PhD	Geo-environmental	16 years of experience in environmental field	9876082977 <a href="mailto:agnihotriak@nitj.ac.in">agnihotriak@nitj.ac.in</a>	<ul style="list-style-type: none"> <li>• DPR Appraisal of 15 MLD Effluent Treatment Plant (CETP) of Bahadurke Textile and Knitwear Ludhiana</li> <li>• DPR Appraisal setting up 150 KLD (ZLD) Electroplating common effluent treatment plant at Jalandhar.</li> <li>• Guided 12 PhD and 52 M.Tech. thesis in Geotechnical and Geo-environmental Engineering</li> </ul>
23.	Dr. Davinder Singh, Assistant Professor	Civil Engineering	PhD	Environmental Engineering/ Geo-environmental	20 years of experience in environmental field	9815451690 <a href="mailto:singhdj@nitj.ac.in">singhdj@nitj.ac.in</a>	<ul style="list-style-type: none"> <li>• DPR Appraisal of 15 MLD Effluent Treatment Plant (CETP) of Bahadurke Textile and Knitwear Ludhiana</li> <li>• DPR Appraisal setting up 150 KLD (ZLD) Electroplating common effluent treatment plant at Jalandhar.</li> <li>• Member Representative of Technical Institution which appraised the project of 15 MLD CETP DPR (Ministry of Environment, Forest and Climate Change)</li> <li>• 20 M.Tech. thesis in Geotechnical and Geo-Environmental Engineering.</li> </ul>
<b>Thapar Institute of Engineering &amp; Technology, Patiala</b>							
24.	Dr. Anoop Verma, Associate Professor and Head	School of Energy and Environment	M.Tech. (Environmental Engg.), PhD	Advanced waste water treatment, indoor and outdoor air pollution control, Water disinfection, Eco-sustainable toilets, Solid waste management (Waste to Energy)	22 years of experience in environmental field	9815654776 7015396659 <a href="mailto:anoop.kumar@thapar.edu">anoop.kumar@thapar.edu</a>	Environmental audit of industries, Application of advanced techniques for color removal in final treated effluent, ETP/STP performance assessment, Solid waste management, Fouling control in heat transfer equipments

Sr. No.	Name & Designation of person	Department	Qualification	Experience in the Environment or allied field	Specialized works and expertise	Mobile / E-mail id	Environment related Projects/ outstanding activity/paper published
25.	Dr Gaurav Goel, Assistant Professor	School of Energy and Environment	Ph D	Integrated Solid and Hazardous waste Management, Valorisation of waste in construction materials, properties of construction materials	15 years of research and field experience in solid and liquid waste management	9650584217 <a href="mailto:goel.gaurav@thapar.edu">goel.gaurav@thapar.edu</a>	Has been part of consultancy projects to provide Environmental audits, Hazardous waste audit in chemical industry; Worked on developing novel and value added materials from industrial, agricultural and other types of wastes
26.	Dr. Dhamodharan. K, Assistant Professor	School of Energy and Environment	M.Tech, Ph. D	Integrated Solid and Hazardous waste Management; Waste to energy and Value added products; Biomethanation; Sustainable technology for circular economy	10 + years of research and field experience in solid and liquid waste management	8876191155 <a href="mailto:dhamodharan@thapar.edu">dhamodharan@thapar.edu</a> <a href="mailto:krishna.120187@gmail.com">krishna.120187@gmail.com</a>	Being a part of Integrated solid waste management in Ecotourism zones, Sikkim; Hazardous waste audit in chemical industry; Treatment of Hazardous waste; Solid waste management in Rural and semi-urban areas; Conversion of Institutional waste to energy; Etc.
27.	Dr . Amit Dhir	School of Energy and Environment	Ph.D	NABET approved FAE in Air Quality; Air Modelling; , Air Pollution Control; EIA; ETP Adequacy	23 years of experience in environmental field	8968176900 <a href="mailto:amit.dhir@thapar.edu">amit.dhir@thapar.edu</a>	Air Modelling including dispersion and receptor techniques, EIA of "A" category projects, Environmental audits, of Pharmaceutical, pulp & paper plants, ETP adequacy of industries
28.	K.S.Babu	School of Energy and Environment	M.Tech(Environmental Engg)	Water and Wastewater Engineering, River quality monitoring, EIA	25 years of experience in environmental field	9814904630 <a href="mailto:ksbabu@thapar.edu">ksbabu@thapar.edu</a>	EIA in developmental projects, carrying capacity, Energy production from fruit and vegetable processing waste, Establishing water testing laboratories in Punjab
29.	Dr. Ashutosh Kumar, Assistant Professor	School of Energy & Environment	Ph.D. in Environmental Engineering	Wastewater Treatment Technologies	8+ years of experience in environmental field	9693869939 <a href="mailto:ashu.kumar@thapar.edu">ashu.kumar@thapar.edu</a> <a href="mailto:ak10907030@gmail.com">ak10907030@gmail.com</a>	Environmental audit of industries, ETP/STP performance assessment, Solid waste management, Landfill gas emission modelling
30.	Dr. Shilpi Verma, Assistant Professor	School of Energy & Environment	Ph.D.	Wastewater Treatment Technologies	9 years of experience in environmental field	7906418680 <a href="mailto:shilpi.verma@thapar.edu">shilpi.verma@thapar.edu</a>	Involved as a team member for a consultancy project on sewage treatment; being a part of hazardous waste audit team

Sr. No.	Name & Designation of person	Department	Qualification	Experience in the Environment or allied field	Specialized works and expertise	Mobile / E-mail id	Environment related Projects/ outstanding activity/paper published
31.	Dr. N.Tejo Prakash	School of Energy & Environment	Ph.D.	Biotransformations	> 25 years of experience in environmental field	9872043262 <a href="mailto:ntejoprakash@thapar.edu">ntejoprakash@thapar.edu</a>	Involved in biotransformation studies of selenium
32.	Dwarikanath Ratha, Associate Professor	Civil Engineering Department	Ph.D	Prepared EIA studies (Hydrologic Study) with respect to groundwater	Conducted EIA study for Shreyans Industries, Ahmedgarh; Satia Industries, Muktsar	8360270224 <a href="mailto:dnath.ratha@thapar.edu">dnath.ratha@thapar.edu</a>	Conducted EIA study for Shreyans Industries, Ahmedgarh; Satia Industries, Muktsar
33.	Dr Richa Babbar, Associate Prof.	Civil Engg.	Ph.D.	<ul style="list-style-type: none"> <li>• Design of rainwater harvesting structure</li> <li>• Study of the groundwater flow pattern</li> <li>• Vetting of hydraulic design of water treatment plant</li> <li>• Contaminant transport in groundwater</li> <li>• Environmental hydrology</li> </ul>	more than 10 of experience in field of environment	9780310043 <a href="mailto:richa.babbar@thapar.edu">richa.babbar@thapar.edu</a>	<p>Design of rainwater harvesting structure - Designed for Municipal Corporation Samana, Gian Sagar Educational Trust</p> <p>Study of the groundwater flow pattern - Studied for Ramky Enviro Engineers Ltd</p> <p>Vetting of hydraulic design of water treatment plant - Water Supply &amp; Sanitation Department, Govt of Punjab</p> <p>Contaminant transport in groundwater - Research study sponsored by CSIR, Govt of India</p> <p>Co-Investigator for CSIR funded project on: <b>Analysis of Virus Transport through subsurface media</b></p> <p>Hydrological Modeling and Management Practices to Augment Reservoir Capacity in Wadi Shueib Catchment Area –Jordan: Geo-Informatics Approach (Thesis Awarded)</p> <p>Simulation of runoff induced soil erosion and its impact on water quality from a watershed in Shivalik foot hills, India (Thesis submitted)</p> <p><b>Ph.D. thesis topic:</b> Development of DSS for water quality management of a tropical river. <i>The work required extensive field water quality monitoring (sampling and analysis) and modeling of River Hindon (tributary of River Yamuna)</i></p> <p><b>Visiting fellow (6 months duration)</b> at Purdue University, Indianapolis (USA) for conducting research on managing non point pollution in an agricultural watershed</p>

Sr. No.	Name & Designation of person	Department	Qualification	Experience in the Environment or allied field	Specialized works and expertise	Mobile / E-mail id	Environment related Projects/ outstanding activity/paper published
34.	Dr. Tapas Karmaker, Associate Professor	Civil Engineering Department	Ph.D	Study of the Groundwater flow pattern treatment plant	---	8054581075 <a href="mailto:tkarmaker@thapar.edu">tkarmaker@thapar.edu</a>	Studied for Ramky Enviro Engineers Ltd vetted for Water Supply and Sanitation Department, Govt of Punjab
35.	Dr. Prem Pal Bansal Professor & Head	Civil Engineering Department	Ph.D	Use of waste plastic in concrete	Development of concrete using waste plastic in lab	9815270900 <a href="mailto:ppbansal@thapar.edu">ppbansal@thapar.edu</a>	
36.	Dr Tanuj Chopra	Civil Engineering Department	Ph.D.	Use of waste plastic in roads	Construction of roads using waste plastic	7837122924 <a href="mailto:tchopra@thapar.edu">tchopra@thapar.edu</a>	
37.	DR. Naveen Kwatra, Professor	Civil Engineering Department	Ph.D.	Use of stuble waste in civil construction	Development of stub; ewaste for building construction	9988821166 <a href="mailto:nkwatra@thapar.edu">nkwatra@thapar.edu</a>	Soil Expert, Expert in structural analysis, Having DST project along with PPCB on use of stubble waste in civil construction

#### Disclaimer

1. In order to facilitate and support the Industrial Sector, educational institute, Local Bodies, Government Department and Undertakings, Government Agencies, various operations and processes to solve their problems relating to industrial operations and processes and other allied activities and to maintain environmental norms through emerging technologies and scientific approach, the Punjab Pollution Control Board has compiled a list of technical persons/institutes working in the field of environment on the basis of data provided by various Universities, Education Institutes, Retired Officers, Research Centres etc. of the State of Punjab.
2. The above Comprehensive list of technical persons/institutes is only indicative and suggestive.
3. PPCB has not authorized any of the above named technical persons/institutes or has given recommendations for availing their services for technical, environmental or other related issues. However, anyone may consider to avail the services of the above named persons/ institutes as per their own wisdom and convenience to solve the problems through emerging technologies and scientific approach, if they desire so.
4. Any Institutes/research centres or individuals may forward his/her/their details for inclusion/updation in the list as per the above format only on email id. [msppcb@gmail.com](mailto:msppcb@gmail.com) or [hq2see@yahoo.com](mailto:hq2see@yahoo.com) through their respective institution.