

## DEPARTMENT OF ENVIRONMENTAL SCIENCE & ENGINEERING

(I) Name : Environmental Science & Engineering

(II) Year of Establishment : 1994

(III) (a) **Vision of the Department:** Pursuance for excellence to achieve Sustainable Development.

(b) **Mission of the Department:** To impart training for capacity building, to tackle various Environmental Challenges in an Eco-friendly manner.

(c) **State the objective of the Department:**

- i) To offer professional and job-oriented Course curricula
- ii) To strengthen R & D activities.
- iii) To offer consultancy and extension activities to stakeholders

(IV) Programme (s) offered in the department

Programme	Sanctioned intake	Present students' strength
Ph.D.	12	2+8
P.G.		
M.Sc. (EVS)	50+5	10
M.Tech. (ESE)	20	8
M.Tech (GIS)	20	6
U.G	----	--
Any other	----	--

(V) Faculty details (Attach a list of the Faculty along with their qualifications, teaching and research experiences, and any specific achievements (if any)

	Sanctioned	Filled	Under CAS
Professor	2	----	
Associate Professor	2	-----	
Assistant Professor	8	5 +6	6 are promoted as Professor

**List of the Regular Faculty along with their qualification and experience**

Name of Teacher	Designation	Qualification	Experience (Years)
Dr. Parveen Sharma	Professor	M.Sc., Ph.D.	27.5
Dr. (Ms.) Asha Gupta	Professor	M.Sc., Ph.D.	25
Dr. Mukul Bishnoi	Professor	M.Sc., Ph. D	25
Dr. Rajesh Kumar	Professor	M.Tech., Ph. D	19.5
Dr. Jitender Pal	Professor	M.Tech., Ph. D	19.5
Dr. Anu Gupta	Assistant Professor	M.Tech., Ph. D	12
Dr. Santosh Bhukal	Assistant Professor	M.Sc., Ph.D.	8.5
Dr. Anita Singh Kirrolia	Assistant Professor	M.Sc., Ph.D.	10
Dr. Lakhvinder Singh	Assistant Professor	M.Sc., Ph.D.	10

**(VI) Office staff details**

Designation	Sanctioned	Filled
Assistant-cum-DEO	1	-
Lab.Tech. Instrumentation	1	-
Store Keeper	1	1
Technical Asstt. Gr.II	1	-
Lab.Attndt	3	3
Clerk	1	1
Steno-Typist	1	1
Peon	2	2
Technical Asstt.Gr.I	1	2
Lab. Technician	2	2

**(VII) a. Students detail in respect of M.Sc., M.Tech. M.Pharm., M.Ph.Th., M.Com. MBA and MCA Programmes**

Programme	Sanctioned Intake	Students admitted 1 <sup>st</sup> Year	Students Present in Final Year
Ph.D.	12	02	08
M.Sc. (EVS)	50+5(1 <sup>st</sup> Year) and 40+5 (2 <sup>nd</sup> Year)	10	20
M.Tech. (ESE)	20	8	8
M.Tech (GIS)	20	6	10

**b. Students' detail in respect of B.Tech., B.Pharm. and B.P.Th. Programmes: NA**

**c. Detail of Foreign Students if any, admitted in the Department: NA**

**(VIII) Research Scholars**

Intake capacity	Total no of Ph.D. students	Registered during the year	Thesis completed during the year	Specify number of different fellowships
As per University norms	50	12	12	UGC-BSR, NFOBC, JRF, NFSC, AICTE

**(IX) Sponsored Research/ Consultancy Projects:**

**(a)**

Total No. Of projects in progress during the academic current year	Total no. Of Projects awarded during academic current year	Total No. Of projects completed during academic current year
02	03	03

**(b)**

Title of the Project	Name of the Investigator(s)	Status: Completed/ In progress	Nature: Research/ Consultancy	Month & Year of Award
Multifunctional Green Synthesized Nanocomposites for Sensing and Remediation of Industrial Pollutants	Dr. Santosh Bhukal (PI)	Completed	Research	27/11/2024

Inspection of Grossly Pollution Industries (GPIs) discharging into main stem of River Ganga and its tributaries 2025.	Dr. Pushpa Rani	Ongoing	Consultancy	
Synthesis of Agro- Based Adsorbent for Textile Dye Removal: An Economical and Sustainable Approach for Wastewater Treatment	Dr. Pushpa Rani	Completed	Research	27/11/2024
Inspection of Grossly Pollution Industries (GPIs) discharging into main stem of River Ganga and its tributaries 2025.	Dr. Mukesh Kumar	Ongoing	Consultancy	

**(X) Number of Publications of the Faculty (in Total)**

Books and Book Chapters/Monographs etc		Research papers		Research papers		Other Articles
International	National	SCI/Scopus	UGC Care	Refereed	Non refereed	
06	02	39	1			

**(XI) Faculty wise detail of publication during the period**

**a) Books/Book Chapters/ Monograph etc.**

S. No.	Name of the teacher	Title of the book/chapters published	Title of the Chapter	Year of publication	ISBN/ISSN number of the proceeding	Name of the publisher
1	Anuj Sharma, Praveen Sharma, Sharma Mona	Algae as a Natural Solution for Challenges in Water-Food-Energy Nexus	Appraisal and identification of algal bloom region, prevention and management approaches	2024	978-981-97-2370-6	Springer Nature Singapore
2	Kumari, S., Gupta, A., Neha, Nisha, Ankur, & Yadav, S.	Microplastic Pollution in India and Its Environmental Impacts	Microplastic Pollution in India: An Emerging Concern	2025 (11-41)	978-3-031-92529-0	Springer Nature
3	Divya Yadav, Sweta Kumari, Santosh Bhukal, Sumistha Das, Sangita Yadav	Microplastic Pollution in India and Its Environmental Impacts	Microplastic in the Sediment Ecosystem of India	2025	978-3-031-92529-0	Springer Nature Switzerland

4	Shafila Bansal, Simranjot Kaur, Ayushi Pathak, Priya Saharan, Santosh Bhukal	Technology-mediated Learning During the Pandemic	An attribute to physical, psychological, and mental distress among students	2024	9781003491712	Routledge India
5	Shafila Bansal, Santosh Bhukal, Shivangi Jain, Parul	Technology-mediated Learning During the Pandemic	Challenges in conducting practical courses during Covid-19	2024	9781003491712	Routledge India
6	Rishi Mittal, Santosh Bhukal	Hydroponics and Environmental Bioremediation	Sustainable approach for agriculture and environmental remediation using hydroponics and their perspectives	2024	978-3-031-53257-3	Springer Nature Switzerland
7	Sanju Bala Dhull, Jyoti Rani, Pawan Kumar Rose, Mohd. Kashif Kidwai, Anita Singh Kirrolia, Gulden Goksen and Natoavina Falizarzao	Biotechnological Advances in Agriculture, Healthcare, Environment and Industry	Nutrigenomics and Personalized Diet: Recent Advancements and Applications	2024	9781032642567	CRC Press
8	Sanju Bala Dhull, Anita Singh Kirrolia, Pawan Kumar Rose, Mohd. Kashif Kidwai, Jyoti Rani, and Natoavina Falizarzao	Waste Management	Food Waste: Exploring Opportunities and Challenges for Sustainable Management	2025	9781774919712	CRC Press

**XI (b) Research Papers/ Publications**

<b>Serial No.</b>	<b>Title of paper</b>	<b>Name of the author/s</b>	<b>Name of Journal</b>	<b>Year of Publication</b>	<b>Publisher</b>	<b>Vol No.</b>	<b>Pages</b>	<b>SCI/ SCOPUS (Yes/No)</b>
1.	One-pot biogenic fabrication of novel carbon embedded green mesoporous magnetite (Fe <sub>3</sub> O <sub>4</sub> @MBC) nanocomposite from mango-leaf biowaste: An economical and recyclable nanoadsorbent for improved sequestration of toxic metal ions from synthetic and electroplating wastewater	Chander, S., & Gupta, A	Water, Air, & Soil Pollution	2025	Springer Nature	19	237	Yes
2.	Fabrication of mango-leaf biowaste mediated green magnetite (Fe <sub>3</sub> O <sub>4</sub> @MBE NPs) and modified EDTA/Fe <sub>3</sub> O <sub>4</sub> @MBE NCs for enhanced heavy metals sequestration: Characterisation, simulation modelling, mechanism, cost-effectiveness and electroplating wastewater performance	Chander, S., & Gupta, A	Separation and Purification Technology	2025	Elsevier	358	130246	Yes
3.	Sequestration of Ni <sup>2+</sup> and Zn <sup>2+</sup> utilising agricultural biowaste based amorphous M-SiO <sub>2</sub> and modified green M-SiO <sub>2</sub> /Fe <sub>3</sub> O <sub>4</sub> nano-adsorbents: modelling and electroplating wastewater performance	Chander, S., Yadav, S., Singh, R., Sharma, H. R., & Gupta, A	Journal of Industrial and Engineering Chemistry	2025	Elsevier	145	303-325	Yes

4.	Fabrication and Characterization of TiO <sub>2</sub> Nanoparticle Enhancing SPI Biocomposites for Food Packaging Applications	Kashyap, A., Kumari S., Yadav, S., Sethi N., Luhach, N., & Gupta, A	Annals of Biology	2025	Agri bioresearch	06	-	Yes
5.	Advancements in PLA-Based Bioplastics: Enhancing Mechanical Properties with Protein Additive for a Sustainable Circular Economy	Kumari, S., Yadav, S., Sethi, N., Luhach, N., Bishnoi, N. R., & Gupta, A.,	Annals of Biology	2025	Agri bioresearch	07	-	Yes
6.	Bacterial Culture Optimization for Enhanced Lead Oxide Nanoparticle Synthesis: Towards Sustainable Nanotechnology.	Punia, S., Yadav, S., & Gupta, A.	International Journal of Environmental Sciences	2025	IJES	11(3s)	939-949	Yes
7	Current trends in microplastic removal using biodegradation approaches and advancement– A review	Ashish Solanki, Vibhuti Sharma, Praveen Sharma, Dushyant Kumar	Journal of Industrial and Engineering Chemistry	2025	Elsevier	153	94-107	Yes
8	Controlled Crystallinity of SnO <sub>2</sub> Nanoparticles Through Solvent Engineering and Thermal Treatment	Jitender Josuna, Praveen Sharma, Vinod Kumar Garg	International Journal of Environmental Sciences	2025	Elsevier	11(2)		
9	Efficient removal of Lambda-cyhalothrin from simulated water using Co-composted-biochar: A modern-day substituent of conventional bio adsorbent	Vibhuti Sharma, Ashish Solanki, Praveen Sharma, Dushyant Kumar	Environmental Pollution	2025	Elsevier	369	125842	Yes
10	Optical and structural behavior of hydrothermally synthesized ZnO nanoparticles at various temperatures with NaOH molar ratios	Jitender Josun, Praveen Sharma, Vinod Kumar Garg	Results in Optics	2024	Elsevier	14	100601	Yes

11	Cotton waste to activated carbon: structural characterization	Jyoti Bala, Shabnam Kamboz, Rajesh Kumar Lohchab, Mikhlesh Kumari	Indian Journal of Environmental Protection	2025	Kalpana Corporation			Yes
12	Innovative use of immobilized zinc oxide-impregnated activated carbon (ZnO@CB) for effective treatment of leachate: modeling and predictive assessment	Kulbir Singh, Lohchab R.K, Gourav Goel, Sadiq Abdullani Waziri, Hakim Aguedal, Yacine Allab, Mohamed El Aamine Aissaoui, el Melani, Iddou Abdelkader, Bing Liu, Mitsudharu Terasnhima, Suresh Kaswan	Environmental Science and Pollution Research	2025	Springer	32(23)	13803-13819	Yes
13	Unlocking The Rice Straw Agro-Waste Potential as Activated Carbon: Pyrolysis and Characterization	Shabnam Kamboj, Jyoti Bala, Lohchab R.K, Kulbir Singh, Mikhlesh Kumari	Nature Environment and Pollution Technology	2025	Technoscience Publications	24 (3)		Yes
14.	A Facile Method for Synthesis of $\alpha$ -Fe <sub>2</sub> O <sub>3</sub> Nanoparticles and Assessment of Their Characterization	Paramjeet Dhull, Lohchab R.K, Mikhlesh Kumari, Kulbir Singh, Anil Kumar Bhanchar and Shaloo	Nature Environment and Pollution Technology	2024	Springer	32	1-36	Yes
15.	A comprehensive review on anaerobic digestion with focus on potential feedstocks, limitations	Paramjeet Dhull, Lohchab R.K, Sachin Kumar, Nisha Yadav	Environmental Science and Pollution Research	2024	Elsevier	61	103345	Yes

	associated and recent advances for biogas production							
16.	Current and prognostic overview of digestate management and processing practices, regulations and standards	Paramjeet Dhull, Lohchab R.K, Sachin Kumar, Mozhiarasi Velusamy, Benish Rose Pm	Biocatalysis and Agricultural Biotechnology	2024	Springer Science and Business Media Deutschland	196(6)	1-22	Yes
17.	Evaluation of Dynamic Characteristics and Contemporary Management of Institutional Solid Wastes	Kulbir Singh, Lohchab R.K, Mikhlesh Kumari, Anil Nain	International Journal of Environmental Analytical Chemistry	2024	Taylor & Francis	35 (1)	1-21	Yes
18.	Comparative investigation of naphthalene and pyrene adsorption by modified nanocellulose with titanium oxide.	Ranwala, P., and Pal, J.	Chemical Papers	2024	Springer	78(7)	4175-4187	Yes
19.	Sustainable Biomass Conversion: Impact of NaCl Pretreatment on Cabbage Waste.	Sunder, Yadav S., & Pal, J.	Nature Environment and Pollution Technology	2024	Technoscience Publications	24(2)		Yes
20.	Optimisation of process parameters for lignocellulosic biomass degradation by <i>Pseudomonas</i> sp. using response surface methodology.	Sunder, Yadav S., & Pal, J.	International Journal of Biological Macromolecules	2025	Elsevier	309	142792	Yes
21.	Remediation of chromium (III) and cadmium (II) from the aqueous media by algal-based nanocellulose (A-CNF).	Kumar, S., Yadav, M., Rani, P., Sahil, & Pal, J.	Water Conservation Science and Engineering,	2025	Springer	10(1)	19	Yes

22.	A Novel Biosorbent-based Freshwater Acid Treated Carbonized Algal Biomass for Efficient Removal of Hexavalent Chromium.	Ranwala, P., Yadav, A., & Pal, J.	Water, Air, & Soil Pollution,	2025	Springer	236(9)	577	Yes
23.	Impact of Print Pollution on the Health of Workers in Printing Industries of India.	Sharma, D. K., Pandey, A., & Pal, J.	International Journal of Environmental Health Engineering	2025	Wolters Kluwer - Medknow	14(7)	35.	Yes
24.	Comparative adsorption study of naphthalene and pyrene on modified nanocellulose with zinc oxide.	Ranwala, P., & Pal, J.	International Journal of Environmental Health Engineering	2025	Springer	83	11	Yes
25	Physical, chemical composition and morphological analysis of rice husk reinforced epoxy composites	Gupta, A., Kataria, P., & Sharma, V.	Oxford Open Materials Science	2025	Oxford	5(1)	1-9	Yes
26.	Multiparametric Investigation of Chemically Treated and Untreated Sugarcane Bagasse Fiber-Reinforced Epoxy Composites with Wood Apple Shell as Filler: From Waste to Green Composite.	Sharma, V., Priyanka, Verma, M., Kumar, D., & Gupta, A	International Journal of Polymer Science	2025	Wiley	(1)	2181735	Yes
27.	Smart Cities and Environmental Sustainability: Industry 5.0 Applications	Lata, M., Gupta, A. & Kumar, V.	Int. J. of Global Environmental Issues (IJGENVI)	2025	Inderscience Publication	23(4)	393-407	Yes

28.	Agricultural waste management: a policy perspective from India. International Journal of Technology, Policy and Management	Siwach, D., & Gupta, A.	International Journal of Technology, Policy and Management	2024	Inderscience Publication	24(4)	358-374	Yes
29.	Agriculture waste management: a bibliometric analysis	Gupta, A., Siwach, D., & Kumar, V.	International Journal of Global Environmental Issues	2024	Inderscience Publication	23(1)	1-22	Yes
30.	Adsorption potential of ionic liquid-modified ZnO nanoparticles for highly efficient removal of azo dye: detailed isotherms and kinetics	Karmjeet Nain, Divya Dhillayan, Shafila Bansal, Qudrat Hundal, Priya Saharan, Santosh Bhukal	Environmental Science and Pollution	2024	Springer Berlin Heidelberg	Vol. 31, Issue 28	40083–40099	Yes
31.	Evaluating ESG practices and their impact on regional development: A study of Tier-1 automobile companies and investors' preferences	Sumit Kumar, Mona Sharma, Santosh Bhukal, Deepak Bansal	The Deccan Geographer	2024	—	Vol. 62, Issue 5	138–148	No (UGC Care Listed)
32.	Surface modified novel synthesis of Spirulina-assisted mesoporous TiO <sub>2</sub> @CTAB nanocomposite employed for efficient removal of chromium (VI) in wastewater	Rishi Mittal, Shyamalee Patar, Anuj Sharma, Rachna Bhateria, Abhishek Kumar Bhardwaj, Rajiv Kashyap, Santosh Bhukal	Applied Surface Science	2025	Elsevier	Vol. 680	NA	Yes
33.	Biowaste-derived multifunctional CeO <sub>2</sub> @carbon dot nanospheres for efficient sono-catalytic degradation of Rhodamine B dye and electrochemical sensing of 4-nitrophenol	Vinit Kumar, Indu Kaushal, Ashok K. Sharma, Sourabh Sharma, Ashok Kumar, Santosh Bhukal, Jyoti Rani, Priya Saharan	Applied Surface Science	2025	(Elsevier)	Vol. 688	162351	Yes

34.	Fabrication of BMIM-PF <sub>6</sub> modified mesoporous ZnO-IL and CuO-IL NMs for CV dye adsorption: Modeling, mechanism, and textile effluent decolourisation feasibility	Karmjeet Nain, Subhash Chander, Shafila Bansal, Santosh Bhukal	Journal of Molecular Structure	2025	Elsevier	Vol. 1335	141963	Yes
35.	Environmentally benign nanotechnology: transforming elements into nano-agrochemicals for sustainable farming	Divya Yadav, Sumistha Das, Divya Dhillayan, Sashi Yadav, Santosh Bhukal	Discover Agriculture	2025	Springer International Publishing	Vol. 3, Issue 1	67	Yes
36.	Exploring the synergy between microbial fuel cells and constructed wetlands in dairy waste water treatment: A comprehensive review	Surender Singh, Anita Singh Kirrolia, Diksha Pannu, Narsi R. Bishnoi	Journal of Water Process Engineering	2025	Elsevier	71, March, 107211	1-27	Yes
37.	Frontier in dark fermentative biohydrogen production from lignocellulosic biomass: Challenges and future prospects.	Pushpa Rani, Deepak Kumar Yadav, Arti Yadav, Narsi R. Bishnoi, Vivek Kumar, Chhotu Ram, Arivalagan Pugazhendhi, Smita S Kumar	Fuel	2024	Elsevier	366	131187	Yes
38.	Polycyclic aromatic hydrocarbons in sewage-irrigated vegetables from industrial cities in Haryana, India	Kiran Bishnoi, Pushpa Rani and Narsi R. Bishnoi	Environmental Monitoring and Assessment	2024	Springer International Publishing	196 (4)	337	Yes

39.	Comparative study for enzymatic hydrolysis of sugarcane bagasse using free and nanoparticle immobilized holocellulolytic enzyme cocktail	Arti Yadav, Pushpa Rani, Deepak Kumar Yadav, Rishi Mittal, Asha Gupta, and Narsi R. Bishnoi	Waste Management Bulletin	2024	Elsevier	2	191-202	Yes
40.	Screening of best growth media for Chlorella vulgaris cultivation and biodiesel production	Deepak Kumar Yadav, Meenu Yadav, Pushpa Rani, Arti Yadav, Nisha Bhardwaj, Narsi R Bishnoi, Anita Singh	Biofuels	2024	Taylor & Francis	15(3)	271-277	Yes
41.	Enhanced Phenanthrene Biodegradation by <i>Bacillus brevis</i> Using Response Surface Methodology	Kiran Bishnoi, Pushpa Rani, Narsi R Bishnoi	Nature Environment and Pollution Technology	2024	Technoscience Publications	23(3)	1517-1526	Yes

**(XII) Participation of faculty in Seminars/Conferences/Workshops/Webinars and Refresher Courses etc. during the period**

**(a) Total Number of Seminars/Conferences attended by faculty and papers presented**

<b>Positions</b>	<b>Attended</b>			<b>Papers presented</b>		
	International	National	Total	International	National	Total
Professors, Associate Professors & Assistant Professors	01	-	01	6	1	7

**(b) International Conferences/ Seminars/ Workshops/Webinars**

<b>Name of the Teacher/ Faculty</b>	<b>Title of paper presented</b>	<b>Theme of conference/ Seminar/ Workshop</b>	<b>Name of Host organization</b>	<b>Place</b>	<b>Dates/ Duration</b>	<b>Funded by UGC/ DST/ CSIR/ AICTE/ University</b>
Anu Gupta	Impact of Industrial Waste on the Chemical Properties and Water Absorption Behaviour of Hospital waste Reinforced Composites	International Conference on Corporate Social Responsibility & Sustainable Development	Society for Education and Research Development (SERD), the Southern Institute of Social Sciences (SISS)	Ho Chi Minh City, Vietnam	June 16–17, 2025	-----
Anu Gupta	Embracing Circular Economy in E-Waste Management	International Conference on Sustainable Computing	Society for Education and Research Development (SERD), the Southern Institute of Social Sciences (SISS)	Ho Chi Minh City, Vietnam	June 16–17, 2025	-----
Santosh Bhukal	Invited as Keynote Speaker	International Conference on Sustainable Technologies for Viksit Bharat (ICSTVB-2025)	Department of Environmental Science, Amity University	Gwalior (M.P.), India	8–9 April 2025	Conference Organizers
Santosh Bhukal	Participant	Women in Space and Allied Sciences Leadership Programme (WiSLP)	Institute of Technology Indore in collaboration with British Council (UKIERI)	Indore, M.P., India	18–21 February 2025	British Council (UKIERI)

Santosh Bhukal	Adsorption potential of ionic liquid-modified nanoparticles for highly efficient removal of water pollutants	7th International Conference on CSR & Sustainable Development	Society for Education and Research Development (India) & Janabdarra University	Yogya karta, Indon esia	10–11 June 2024	Conference Organizers
Santosh Bhukal	Exploring the use of hydrophobic ionic liquid for wastewater treatment	Global Challenges in Environment, Food, and Biotechnology for Sustainable Development	Faculty of Environmental, Food & Biotechnology, GJUS&T	Hisar, Harya na, India	21–23 February 2024	University Sponsored
Santosh Bhukal	Algal-Mediated Synthesis of Multifunctional Nanocomposite for Sustainable Approach Towards Environmental Remediation	2nd International Symposium on Advances in Algal Research	IIT Guwahati & JNTUH	Guwa hati / Hyder abad, India	17–18 Decembe r 2024	Institute / Symposium Organizers

**(c) National Conferences/ Seminars/ Workshops**

Name of Teacher/ Faculty	Title of paper presented	Theme of conference/ Seminar	Name of Host organization	Place	Dates/ Duration	Funded by UGC/DST/ CSIR/ AICTE/University
Santosh Bhukal	Eco-Nano Frontiers: Exploring the Environmental Implications of Algae-Based Nanomaterials	National Conference on Environment and Sustainability (NACONES-2025)	Department of Environmental Studies, Kurukshetra University	Kuruks hetra, Haryan a	24 January 2025	University Sponsored

**(d) Regional/ State Level Conferences/ Seminars/ Workshops: NIL**

**(e) Orientation Courses/Refresher courses: 01**

Name of Teacher/Faculty	Title of FIP/ Refresher Course	Host organization	Date
Dr. Mukesh Kumar	Faculty Induction Programme	Malaviya Mission Teacher Training Centre (MMTTC), GJUS&T,	23.06.2025-19.07.2025

Dr. Pushpa Rani	Faculty Induction Programme	Hisar Malaviya Mission Teacher Training Centre (MMTTC), GJUS&T, Hisar	23.06.2025- 19.07.2025
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**(f) National/International Webinars Attended**

Name of Teacher/Faculty	Title of Webinar	Host organization	Date
Dr. Anita Singh Kirrolia	From forest to market Advancing forest-based bioeconomy solutions to ensure resource supply meets growing demand	Food and Agriculture Organization of the United Nations	26 June 2025
Dr. Anita Singh Kirrolia	Water and Global Security: Harnessing the Power of Nature-Based Solutions	Collaboration between the Nature-Based Solutions Platform, WUR Student Challenges, NL2120, and the Ramsar Convention on Wetlands	18 June, 2025
Dr. Pushpa Rani	Resources, Technology and Climate Change: A Geo-Sustainable Vision for Viksit Bharat @2047, RTC 2025	Department of Geography, Guru Jambheshwar University of Science and Technology, Hisar	18 <sup>th</sup> March, 2025
Dr. Pushpa Rani	Relevance of Guru Jambheshwar Ji's Ethical, Spiritual and Environmental Thinking in the Present Times	Department of Geography, Guru Jambheshwar University of Science and Technology, Hisar	22-23, August, 2024

**(g) Total number of Oriented Courses attended:**

- i. Oriented Courses/Refresher Courses :02
- ii. Webinars :04
- iii. Total :06

**(XIII) Association with National and State Level Bodies (Give teacher-wise details): NA**

S. No	Teacher Name	Association
1.	Dr. Pushpa Rani	Lifetime membership of Indian Science Congress Association (ISCA), Kolkata

**(XIV) Detail of Consultancy Project/Work in Department: -NA**

**(XV) Lectures (other than class) delivered (Give teacher wise detail): Nil**

**(XVI) Additional Duties Performed/Positions held in the University (Teacher-wise)**

<b>Sr. No.</b>	<b>Name of Teacher</b>	<b>Additional Positions</b>	<b>Duration From To</b>
	Prof. Asha Gupta	<ul style="list-style-type: none"> <li>• Dean Faculty of FBEST,</li> <li>• Chairperson, Deptt. of Civil Engg.</li> <li>• Chairperson, Deptt. of ESE</li> </ul>	2022, 2019-Till date 2023 till date
	Dr. Santosh Bhukal	<ul style="list-style-type: none"> <li>• Village Programme Officer under Swachh Bharat Swasth Bharat scheme.</li> <li>• Coordinator, Girls Hostel-II</li> </ul>	2018 Till date 2024 till date
1.	Dr. Lakhvinder Singh	<ul style="list-style-type: none"> <li>• Departmental sports Coordinator</li> <li>• Departmental IQAC Coordinator</li> <li>• Performed proctorial duties during various occasions/Events in the University</li> </ul>	Session 2024-2025
4.	Dr. Anita Singh Kirrolia	<ul style="list-style-type: none"> <li>• Member of PGBOS</li> <li>• Member of Academic council</li> <li>• Co-ordinator of M. Tech. (Geoinformatics courses) and Ph.D. courses</li> <li>• Coordinator of the Ph. D. Programme vide letter no. ESE/24/413 Dated 10.07.2024</li> <li>• Training &amp; placement coordinator of the department</li> <li>• Coordinator of Diploma Programme “Diploma in Industrial Health &amp; Safety”.</li> <li>• Alumni Coordinator of the Department of Environmental Sciences &amp; Engineering</li> <li>• Acted as NEP Coordinator at Departmental Level</li> <li>• Acted as Staff Council Secretary</li> </ul>	2024-2025
05	Dr. Mukesh Kumar	<ul style="list-style-type: none"> <li>• Warden Boys Hostel-III</li> <li>• Nodal Officer, Solid Waste management</li> </ul>	20.05.25 to till date 21.05.25 to till date

**Awards/ Honours received by Faculty**

<b>Name of the Teacher</b>	<b>Title of the Award</b>	<b>Name of the Awarding Agency</b>	<b>National / International</b>	<b>Date Conferred</b>

Prof Asha Gupta	Research Award	Guru Jambheshwar University of Science & Technology, Hisar	National	28-05-2025
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**(XVII) Training/Internship& Placement activity Information of the Department: Nil**

**(XVIII) Detail of Academic Activities/Professional Activities/ Programmes Organized in Department during the year:**

- i. Seminar / Conference / Refreshers course / Workshop / Training Programme / webinar : Nil
- ii. Extension lecture: (with resource person & date): Nil
- iii. Students tour Nil
- iv. Industry interaction programs: (with name of company & date): NA

**(XIX) Awards/ Honours received by Faculty (Give teacher-wise details about title of award, awarding agency and date of conferment): -**

Dr. Anu Gupta	AAUW FELLOWSHIP	July ,2024	AAUW, USA
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**(XX) Any other important Information/ Achievement of the Department: Nil**