

SHIWANI ANURAG SHRIVASTAVA

Faculty Id	:	
Date of Birth	:	15 jan , 1991
Designation	:	Ass. Professor
Years of Experience	:	Teaching : 3.5 years
		Industry : 1 year
Email Id	:	sshiwanisinhaa@kgr.ac.in
Phone Number	:	9035001711
Faculty Web Page	:	-
Employment Status	:	Full Time - Ratified by JNTUH
Areas of Specialization	:	<ul style="list-style-type: none">• Environmental engineering and management.• Waste water treatment and disposal• Air pollution and control technology.• EIA Laws and Protocol.• Industrial Health and Safety.• Sustainable development and Life cycle assessment.• Remote sensing and Gis.• Land use / Land cover classification, Image Interpretation.• Catastrophe Management using SWAT (Soil Water Analysis Tool)
UG Degree	:	CIVIL ENGINEERING,2012 , PRIST UNIVERSITY, Thanjavur , TamilNadu
PG Degree	:	Environmental Sc and Engineering, 2015, Birla Institute Of Technology, Mesra, Ranchi, Jharkhand
Ph.D	:	Aspirant
UG Subjects Taught	:	Water supply engineering, Sewage Disposal Engineering, Air Pollution and Control Technology, Ecology, Solid Waste Management, Environmental Science, Remote Sensing and Gis, Strength of Materials, Concrete Technology.
Projects handled	:	<ol style="list-style-type: none">1. Basin Change Analysis using GIS2. Runoff Estimation and Vulnerability Assessment of Bagmati River Basin

- using Arc-Swat
3. Land Use Land Cover Preparation of river basin using GIS
 4. Design of Primary Treatment unit in Sewage Treatment Plant
 5. Assessing and Treating the Physio-Chemical Characteristics of Kitchen waste water using Artificial Wetlands Technique.
 6. Rainwater Harvesting to improve ground water level using LU/LC classification in telephone colony , Saroornagar, Hyderabad
 7. Biological nutrient removal from municipal waste water : A step towards sustainability
 8. Cognizance of engineers about waste water treatment in their daily life
 9. A small –scale hydroponic cropping of herbs and vegetables for limited resource growers in Moinabad.
 10. Making of liquid fertilizers from domestic waste.

PAPERS PUBLISHED:

INTERNATIONAL JOURNALS

1. K. Ravikumar, Praveena Rao, **Shiwani**, Sarita, SenthilThambi, Ashutosh Das and MukeshGoel, (2012), “Study of Relationship of Potential Kidney Stone with Water (Consumption and Quality) and Dietary Habits of People in Urban Thanjavur using GIS”, *International Journal of Earth Sciences and Engineering*, Vol. 5, No 6(1), 1788-1796.[SCOPUS – SJR Impact Factor – 0.17][ISSN – 0974-5904]
2. Shiwani ,(2017), “Rainwater Harvesting to improve ground water level using LU/LC classification in telephone colony , Saroornagar, Hyderabad “, *International journal of creative research thoughts*, vol. 6, 1 December 2017 , ISSN-2320-2882 , 5.97 Impact Factor .

CONFERENCE/WORKSHOPS/FDP AND TRAINING PROGRAMS ATTENDED

1. Participated in the workshop regarding Concrete-Past, Present & Future. Held on 21th September 2011 at PRIST University, west campus, vallam, Thanjavur.
2. Participated in Microsoft Dream Spark Yatra 2011 at 26th March 2011.
3. Attended workshop on “ERT-Tech for pollution studies & seismic zones of India, on 22nd September 2011 at PRIST University, west campus, vallam, Thanjavur.
4. Participated in ‘One-Day Orientation Program on GIS’. Date and venue: 5th March 2011, PRIST University, West Campus, Thanjavur, Tamil Nadu. Collaboration: Indian Geo-Informatics Centre, Chennai.

5. Attended a training program on “A Practical Approach to GIS data Creation & Spatial Analysis” from 5th to 9th September 2011 at centre for Environmental Engineering, PRIST University.
6. Participated in Science & Technology Exhibition –PRGISSTE 2010, held from 7th October 2010 to 10th October 2010 at PRIST University, west campus, vallam, Thanjavur.
7. Attended Training Program on “Hydraulic Structure under Gandak canal renovation” by Bindeshwer Sah, Assistant Engineer, Tirhut Canal Sub Division no-2, during 20th July '10 to 3st august '10 @ Vaishali, Bihar.
8. Attended Training Program on “Construction of seismic structure ” by Kamalesh Nand Sinha , Assistant Engineer , Drainage and Investigation division, during 2 june'10 to 16st June '10 @ Muzaffarpur, Bihar.
9. Participated in National Workshop on Recent trends in PHOTONICS AND NANOTECHNOLOG during 13th to 20th march 2009@ PRIST University, Thanjavur, Tamil Nadu.
10. Attended 4th International Conference on Transformations in Engineering Education at Hyderabad, 2017.
11. Attended workshop on IONCUDOS – Outcome Based Education Platform, at Vardhaman College of Engineering, 6th January 2017, Hyderabad.
12. Awarded for presenting a paper titled “Cognizance of Engineers about wastewater treatment as experimental approach in daily life” at Fourth International Conference on Transformations in Engineering Education, *held during January 6-8, 2017, at Vardhaman College of Engineering, Hyderabad.*
13. Attended one week faculty development program conducted by center for engineering education development (CEED) at KGR CET, Hyderabad, *held during December 4-9, 2017.*
14. Awarded for presenting a paper titled “ Catastrophe Management using SWAT- A Step to combat disaster” at 2nd National Conference on Engineering , Science, Technology in Industrial Applications and Significance of Free open source software, *December , 2017.*

ACHIEVEMENT

- ☞ I won Rajan Scholarship award for doing Society Based Civil Engineering Projects. January, 2017.
- ☞ I won “Golden Merit Certificate , for presenting best research paper on 2nd National Conference on Engineering , Science, Technology in Industrial Applications and Significance of Free open source software organized on 22nd December 2017 by KGR CET, HYDERABAD

BOOKS PUBLISHED:

Title of the Book: “Flood Assessment & Management in Bagmati River Basin a Geo informatics Approach” (ISBN 978-93-85477-93-5)

Authors: Shiwani, K.Avishek, K.Paul

Publisher: *Bonfring.*

Date of Publication: July 2016

RESEARCH PROJECTS UNDERTAKEN:

None