

1 Name of Faculty Smt. ASWARI SULTANA BEGUM
 2 Designation Assistant Professor
 3 Nature of Job/Appointment Regular
 4 Date of Joining 07 - 12 – 2016
 5 E-mail asbegum_civil@cbit.ac.in



6 Education Qualifications	Name of the Degree	Class
Ph. D	Doctor of Philosophy (Civil)	Pursuing
PG	M. Tech. (Geotechnical)	First
UG	B. E. (Civil) (Andhra University)	First

7 Work Experience

Teaching	10 Years 3 Months
Research	--
Industry	7 years (International and National Experience) Highways Consultancy
Others	8 years (software)

8 Area of Specialization Geotechnical Engineering

9 Professional Memberships Member, IGS Number: LM – 3966

10 Responsibilities held at Institution Level ----

11 Responsibilities held at Department Level

1. Worked as In-Charge, UG Computer Center, from 2017 to 2019.
2. In-charge of website content for CED, from 11-08-2018 to 2019.
3. In-charge of Civil Engineering Association, from 2017 to till 2019.
4. Convener, Civilizations, from May 2017 to 20-07-2019.
5. In-charge Engineering Geology lab 2020 to till date.
6. In-charge student's internships and internship coordinator for Sem VII and SEM VIII.
7. In-charge Geotechnical lab 2022 to 2022 Dec.
8. In-charge department MoUs
9. Mentor T Hub- T Tribe for Civil Engineering student's 2019-till date.
10. Mentor

12 Research Guidance -

13 Awards Received -

14 Courses Handled at Under Graduate / Post Graduate Level.

Geotechnical Engineering, Foundation Engineering, Advanced Foundation Engineering, Building Planning and Services, Building Construction Practice, Building Construction and Concrete Technology, Engineering Graphics, Urban and Rural Planning, Disaster Mitigation and Management, Engineering Geology, Disaster and Risk Reduction Management, Engineering Geology lab, Geotechnical Engineering Lab, AutoCAD Lab and Environmental Engineering Lab.

15 No. of Papers Published

Springer Book Chapter	International Journals – 03
– 01	
National Conference	International Conference –
– 02	01

16 Projects Carried out --

17 Patents --

18 Technology Transfer --

19 Invited Speaker --

20 No. of Books/Chapter Published with details --

21	Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops/Other Trainings (Attended and/or Organized).	
		<ol style="list-style-type: none"> 1. Attended online one week national level faculty development program on Essential Maths for Data Science and Machine Learning organized by CBIT from 05-02-2024 to 09-02-2024. 2. Attended online one week online FDP on Quality Education through OBE organized by CBIT from 22-01-2024 to 27-01-2024. 3. Attended online 5 day online International FDP on NLP and ChatGPT Applications from 14-08-2023 to 19-08-2023. 4. Attended one day webinar on DRR: Seismic Retrofitting of Masonry and RC Building conducted by Ultratech Cement Ltd on 08-07-2023. 5. Attended online one week national level faculty development program on Recent Trends in Data Science for Engineering organized by CBIT from 26-06-2023 to 30-06-2023. 6. Attended online 5 day International FDP on Data Analyst organized by APSSDC from 19-06-2023 to 23-06-2023. 7. Attended online one week online FDP on Quality Education through OBE organized by CBIT from 22-01-2024 to 27-01-2024. 8. Attended and presented paper in JNTUH golden jubilee ICIET 2022 international conference during 15-09-2022 to 17-09-2022. 9. Attended IGS short course series on Landslides during 9/09/2022, 10-09-2022, 16-09-2022 and 17/09/2022. 10. Attended and presented paper online in ASMI 2022 conducted by Sreenidhi college of education during 24-08-2022 to 25-08-2022. 11. Attended two week in-house hands-on FDP on "Python Programming" organized by CDC, CBIT from 10-8-2022 to 22-08-2022. 12. Attended one week short term course on "Smart Materials Processing and Applications" conducted by NITTTR Chandigarh held from 25-07-2022 to 27-07-2022. 13. Attended a two day workshop on Transportation Geotechnics organized by Geotechnical Society Vellore - Chapter and SCE during 15-08-2022 to 16-08-2022. 14. Attended FDP on Soft Computing Techniques in Geotechnical Engineering with Emphasis on Pile Foundations conducted by NIT Warangal during 14-03-2022 to 26-03-2022. 15. Attended AICTE sponsored one week short term program on "Recycling materials in highway construction" held from 19-07-2021 to 24-07-2021. 16. Attended and published paper in International conference IC-SAFRI 2021 conducted by CBIT during 26-06-2021 to 27-06-2021. 17. Attended UHV I FDP conducted by AICTE during 16-08-2021 to 20-08-2021. 18. Successfully Completed "Autodesk Certified Professional: AutoCAD for Design and Drafting Exam Prep" an online course authorized by Autodesk and offered through Coursera on 22-05-2020 19. Successfully Completed "Mastering Bitumen for better roads and innovative applications" an online course authorized by Ecole des Ponts ParisTech and offered through Coursera on 22-05-2020 20. Successfully Completed "NBA Accreditation and Teaching-Learning in Engineering" conducted by NPTEL Swayam based on assignments due to covid-19 during 26-06-2020 21. A One Week Online Faculty Development Program on "Recent Trends and Research Scope in Civil Engineering" by CBIT Civil Engineering Department during 06-07-2020 to 10-07-2020 22. Successfully attended online STTP conducted by VRSEC on "Recent Advances in Forensic Analysis of Sub and Superstructures" during 29-06-2020 to 04-07-2020. 23. A three day Online Faculty Development Program "Pavement

		<p>Design, construction and Rehabilitation” conducted by VBIT during 25-06-2020 to 27-06-2020</p> <ol style="list-style-type: none"> 24. A One Week Online Faculty Development Program under ATAL academy by AICTE during 15-06-2020 to 19-06-2020 25. A One Week Online Faculty Development Program under Indo-Japan Webinar Series on Geotechnics for Disaster Mitigation during 8-06-2020 to 13-06-2020. 26. A One Week Online Faculty Development Program under CBIT on OutcomeBased Education and NBA Accreditation during 28-05-2020 to 01-06-2020 27. A two day National Workshop on “Geotechnical Practices and Challenges” conducted by CVR college during 10-01-2020 to 11-01-2020 28. A One Week Online Development of Laboratory Instruction and Manual” byNITTTR, Kolkata during 04-02-2019 to 08-02-2019 29. A One Week Inhouse Faculty Development Program conducted by CBIT during December 2018 30. A One Week Inhouse Faculty Development Program conducted by CBIT during June 2017 31. A One Week Inhouse Faculty Development Program conducted by CBIT during December 2016 32. Attended the two week audit course on “Research Methodologies” conductedby JNTUK, Kakinada during 01-05-2016 to 15-05-2016 33. Attended the two week audit course on “IPR and Patents” conducted by JNTUK, Kakinada during 06-05-2016 to 30-05-2016. 34. Attended Research Methodology organized by BITS, Pilani, HyderabadCampus during 11-04-2014 to 12-04-2014.
22	Details of Journal Publications/Conferences (National and International)	
	<p>International Journal</p> <ol style="list-style-type: none"> 1. A Study on Geotechnical Properties of Expansive Soil Treated with Rice Husk Ash and Terrasil, The InternationalJournal of Engineering and Science (IJES) Volume 7 Issue 8 Ver. III Pages PP 93-99 2018 ISSN (e):2319 – 1813 ISSN (p): 23-19 – 1805 2. A Study of Undrained Shear Strength Behaviour on Black Cotton Soil with Granite Dust by Aswari Sultana, K Jyothi Raju and S Durga Prasad, Vol 6 Issue 2, February 2018, JETIR180337. (https://www.jetir.org/trackauthorhome.php?a_rid=180337) 3. Study on Geotechnical Properties of Expansive Soil Treated with Quarry Dust and Sodium Hydroxide, International Journal of Science and Research (IJSR) ISSN: 2319-7064 Index Copernicus Value (2016): 79.57 Impact Factor (2017): 7.296 <p>Springer Singapore Book Chapter</p> <ol style="list-style-type: none"> 4. Stabilizing Expansive Soil with Industrial Waste of Coir and Terrasil S B Aswari and G V R Prasada Raju2022 IOP Conf. Ser.: Earth Environ. Sci. 1086 012020. 5. Influence of TerraZyme on Compaction and Consolidation Properties of Expansive Soil Aswari SB, Prasada RajuGVR, Prasad DSV and Anjan Kumar M, BVC Engineering College, Odalarevu, published in 2021IGC SpringerSingapore chapter <p>International /National Conferences</p> <ol style="list-style-type: none"> 1. Evaluation of Water Quality Index in Gandipet Lake Surroundings Ramanarayan Sankriti, Saravanan Subbarayan, Aswari Sultana Begum, Allu Venkatakrishna Reddy, Banoth Naveen IC-SAFRI 2021 conducted byChaitanya Bharathi Institute of Technology, Hyderabad. 2. Utilisation Of Copper Slag As A Replacement Of Fine Aggregate In Concrete Mixes - A Study Of Strength Properties, National conference on sustainable materials and management systems in civil engineering, ISBN:978-81-932824-8-9. 3. Characterisation and Behavioural Analysis of Granular Pile anchors in Terms of Heave and Strength, National Conference conducted by Vasavi College of Engineering, Hyderabad. 	