


1	Name of Faculty	Mrs. Venkata Sushma Chinta		
2	Designation	Assistant Professor		
3	Nature of Job/Appointment	Regular		
4	Date of Joining	20-01-2014		
5	E-mail	Venkatasushmachinta_mech@cbit.ac.in		
6	Education Qualifications	<b>Name of the Degree</b>		<b>Class</b>
	Ph. D	Doctor of Philosophy (mechanical)		Pursuing
	PG	M. E. (CAD/CAM)		First
	UG	B. Tech. (Mechanical)		First
7	Work Experience			
	Teaching	12 Years		
	Research	--		
	Industry	--		
	Others	--		
8	Area of Specialization	CAD/CAM, Composites, Fracture Mechanics, FEA		
9	Professional Memberships	--		
10	Responsibilities held at Institution Level	Co-Coordinator for "Home Coming 2017", CBIT ALUMNI MEET from Mechanical Department on 25th December 2017.		
11	Responsibilities held at Department Level	<ol style="list-style-type: none"> <li>1. Program Content committee member of Alumni, MED, CBIT</li> <li>2. Coordinator for Industrial visit of V sem Mechanical and Production students to Steel Plant, Hindustan Shipyard LTD, Visakhapatnam from 25th to 29th September 2019.</li> <li>3. Coordinator for Conducting Solid works Associate-CSWA exam for VII sem mechanical and production students on 18/09/2019</li> <li>4. Member, Informatics Group, MED, CBIT.</li> <li>5. Member, Anti-Ragging Committee</li> </ol>		
12	Research Guidance	--		
13	Awards Received	<ol style="list-style-type: none"> <li>1. Received best paper Award for the paper titled "Investigation of Mechanical properties of bidirectional carbon / glass reinforced Epoxy hybrid composites" on 30/06/2018.</li> <li>2. Received silver medals from CBIT for the best academic performance in M.E (CAD/CAM) during the years 2012 &amp; 2013.</li> </ol>		
14	Courses Handled at Under Graduate / Post Graduate Level.	Mechanics of Materials, CAD/CAM, CAD and FEM, Programming and program solving, object-oriented programming language using C++, Engineering Graphics and Design		
15	No. of Papers Published	National Journals –NIL	International Journals – 13	
		National Conference – 01	International Conference – 04	
16	Projects Carried out	--		
17	Patents	--		
18	Technology Transfer	--		
19	Invited Speaker	Resource person for the "Finite Element Applications in Mechanical and Civil Engineering (FEAMCE-2017)" under TEQIP-II during 23rd-28th January, 2017 at CBIT.		
20	No. of Books/Chapter Published with details	Proceedings on "Emerging Trends in Composite Materials and Industrial Applications", Vrinda Publishing House, ISBN 978-93-85518-09-6.		
21	Details of Short-Term Training Programs / Faculty Development Programs / Seminars / Workshops. Other Trainings (Attended and/or Organized).	<ol style="list-style-type: none"> <li>1. Organized a One Week Online Faculty Development Program as a coordinator on "Emerging Trends in Composite Materials and Industrial Applications", during 28-06-20 to 02-07-2020.</li> <li>2. Coordinator for the Alumni talk by Mrs. M. Lakshmi Prasanna, DGM(IMM), BDL, Kanchan Bagh (Alumni Knowledge Partner) on 19th February 2020 on "supply chain management".</li> <li>3. Successfully completed one-week faculty development program on "Industry 4.0- A Vision of Design &amp; Manufacturing", organized by CBIT, Hyderabad during 16/06/2020 to 20/06/2020.</li> <li>4. Successfully completed ATAL Faculty development program on "3D printing &amp; Design" by NITW during 15/06/2020 to</li> </ol>		

		<p>19/06/2020.</p> <ol style="list-style-type: none"> <li>5. Successfully completed Two-day online FDP "Effective technical report writing using Latex organized by MGIT, Hyderabad during 08/06/2020 to 09/06/2020.</li> <li>6. Successfully completed one-week faculty development program on "OBE &amp; NBA Accreditation" organized by CBIT, Hyderabad during 28/05/2020 to 01/06/2020.</li> <li>7. Successfully participated in the "IIC Online Sessions conducted by Institution's Innovation Council" of MHRD's Innovation Cell, New Delhi from 28<sup>th</sup> April to 22nd May 2020 during COVID-19 nationwide lockdown.</li> <li>8. Successfully completed A 3-day workshop on "Effective and Efficient Online Teaching in the Age of Corona, A Hands-on workshop" on 17th May 2020 (during 16-24) involving three days of video lectures and hands-on-work by IIT Bombay Bodhi Tree Platform.</li> <li>9. Successfully completed an online 5 weeks non-credit course "Mechanics of Materials I: Fundamentals of Stress &amp; Strain and Axial Loading" authorized by Georgia Tech and offered through Coursera on 06/05/2020.</li> <li>10. Successfully Completed "Materials Science: 10 Things Every Engineer Should Know" authorized by University of California, Davis and offered through Coursera on 29/04/2020.</li> <li>11. Successfully completed one-week AICTE recognized faculty development program on "CAD/CAM" from 27/04/2020 to 01/05/2020 by NITTTR, Chandigarh.</li> <li>12. Successfully completed one-week AICTE recognized faculty development program on "Climate Change, Disaster and Pandemic Management: Technological Interventions for Sustainable Development" from 20/04/2020 to 24/04/2020 by NITTTR, Chandigarh.</li> <li>13. Successfully Completed "Digital Manufacturing and Design" an online non-credit course offered by university of buffalo the state university of New York through Coursera on 20/04/2020.</li> <li>14. Successfully completed one-week faculty development program on Finite Element Methods for beginners from 20/04/2020 to 24/04/2020 by CHITKARA University, Punjab.</li> <li>15. Successfully completed one-week AICTE recognized faculty development program on "cloud, Fog and Edge computing" from 14/04/2020 to 18/04/2020 by NITTTR, Chandigarh.</li> <li>16. Successfully completed one-week AICTE recognized faculty development program on "Internet of Things" from 10/04/2020 to 14/04/2020 by NITTTR, Chandigarh.</li> <li>17. Successfully completed one-week faculty development program on "Manufacturing of Composites" by NPTEL (Aug-Oct2019).</li> <li>18. Successfully completed one-week faculty development program on "Essential Computational Techniques for Research" organized by Malla Reddy Engineering College from July1st- 6 th, 2019.</li> </ol>
22	Details of Journal Publications/ Conferences (National and International)	
		<p><b>International/National Journals from the Year 2017</b></p> <ol style="list-style-type: none"> <li>1. Venkata Sushma Chinta &amp; P Radhakrishna Prasad (2020), "Investigation of Damage Detections on Glass/Jute-Epoxy, Glass-Epoxy and Jute-Epoxy Composite Beams with An Edge Crack Using Modal Analysis", International journal of Mechanical and production Engineering Research and Development, Volume 10, issue3, pp. 401-407.</li> <li>2. Venkata Sushma Chinta., Ravinder Reddy P., Eshwara Prasad K., Venkata Sai Kiran B. (2020) "Experimental and Finite Element Analysis of Fracture Parameters of woven Glass/Epoxy Composite" Recent Trends in Mechanical Engineering, Lecture Notes in Mechanical Engineering. pp. 649-660, Springer, Singapore.</li> <li>3. Venkata sushma chinta, P. Ravinder Reddy, Koorapati Eshwara Prasad, Krishna Sai Vadapally, Sathola Anand, B. Venkata Sai Kiran(2019), Characterization of Glass/Jute Hybrid Fibre Reinforced Epoxy Composite for Axial Flow Fan Blade, Volume 7, issue3, pp. 32-43.</li> <li>4. Venkata Sushma Chinta, P. Ravinder Reddy, Koorapati Eshwara Prasad, Krishna Sai Vadapally (2019), Investigation of Fracture Parameters of Jute/Glass Reinforced Hybrid Composite and Analysis by Using FEA, Lecture Notes in Mechanical Engineering, Springer, pp. 215-228</li> <li>5. Venkata Sushma Chinta, P. Ravinder Reddy, Eshwara Prasad Koorapati, Sathola Anand (2019), Investigation of Fracture Toughness of Bidirectional Jute / Epoxy Composite and Analysis by using FEA, International journal of Mechanical and production Engineering Research and Development, Volume 8, pp. 449-456.</li> <li>6. Venkata Sushma Chinta, Y Nagini, V Sandhya, E Hima Nandini, Shaheen,J Suteja(2018) " Investigation of Mechanical properties of bidirectional carbon / glass reinforced Epoxy hybrid composites", International journal of Mechanical and production Engineering Research and</li> </ol>

Development, Volume 8, pp. 449-456.

7. Venkata Sushma Chinta, Kokkula Monika (2018), "Augmentation of Heat Transfer in Forced Convection Using Twisted Tape Inserts", International Journal of Creative Research Thoughts", Volume 6, issue1, pp. 955-965.

**International /National Conferences from the Year 2017**

1. Venkata Sushma Chinta, "Investigation of Fracture parameters of Jute/Glass reinforced Hybrid composite and Analysis by using FEA", 1st International conference on emerging trends in mechanical Engineering, ICETME-2018, SRIT, Anantapuram, 20th -22nd Dec2018, ISBN:968-81-939258-8-4.
2. Venkata Sushma Chinta, "Experimental and Finite Element Analysis of Fracture parameters of Glass-Epoxy Composite", 4th -5th Jan2019, 2nd International conference on innovations in mechanical Engineering, ICIME-2019, Gurunanak Group of Institutes, Hyderabad, ISBN:978-81-939248-8-4.