


1	Name in Full	Name: Ms. Shilpa B Kodli Address: Kasturi Nilaya, Near Keerthi college, Prashant Nagar-B, Kalaburagi Phone: 9483060840 Email: shilpakodli@gmail.com shilpa_kodli@vtu.ac.in	
2	Date of Birth	12 February 1980	
3	Qualification	B.E(CSE), M. Tech (CSE)	
4	Date of Entry into Services	28 January 2014	
5	Designation	Assistant Professor	
6	Academic profile	SSLC – Encl. No. 1 PUC – Encl. No. 2 UG – Encl. No. 3 PG – Encl. No. 4	
7	Positions held	Assistant Professor	
8	Courses Taught	Courses Taught: Annexure-1	
9	Areas of Specialization	Wireless Networking, Distributed Computing, Cloud Computing	
10	Orientation/ Training / Refresher Courses/ Workshops and Conference attended with details	Orientation: Annexure-2 Workshop: Annexure-3 Conference: Annexure-4	
11	Seminars attended with details	NIL	
12	Details of Publications	Publications: Annexure-5	
13	Paper Reviewer	NIL	
14	Details of extension Services (Association with Social Organization)	NIL	
15	Details of Consultation Industry / Business other Institutions.	NIL	
16	Invitation as Guest faculty /Programmes done	Programme Organized: Annexure-6	

17	Representation on BOS/ Syllabus committees of Universities	BoE Member, MCA Board, Visvesvaraya Technological University, Belagavi for the AY: 2018-19 and 2021-22				
18	Details of Research Guidance	Not Applicable				
19	Number of Research scholars	Not Applicable				
20	Number of students register for Ph.D program	Not Applicable				
21	No of students registered for Ph.D	Not Applicable				
22	No of Ph.D in progress	Not Applicable				
23	Any other Information	Details of PG Project Guidance: Annexure-7 Social Responsibility Programs: Annexure-8 Member of Various Committees: Annexure-9 Others: Annexure-10				
24	No. of student for mentoring (Category wise)	<ul style="list-style-type: none"> • Category wise • Gender wise • Caste wise 				
		Year	SC	ST	OBC	GEN
		2014-2015				
		2015-2016				
		2016-2017				
		2017-2018				
		2018-2019				
2020-2021						
25	Professional Summary / Work Experience	Work Experience: Annexure-11				
26	Professional Memberships	Life Member of ISTE (LM-125477) – Encl. No. 5				

Courses Taught: Annexure-1

1. 10MCA452 –Unix System Programming
2. 10MCA52 – System Simulation and Modeling
3. 13MCA16 - C Programming Laboratory
4. 13MCA17 - Unix Programming Laboratory
5. 13MCA21 – Data Structures Using C
6. 13MCA26 – Data Structures Using C Lab
7. 13MCA28 – OOP Using C++ Laboratory

8. 13MCA354 – Operations Research
9. 13MCA36 - Java Programming Laboratory
10. 13MCA38 - Computer Networks Laboratory
11. 13MCA41 - Analysis & Design of Algorithms
12. 13MCA46 – Algorithms Laboratory
13. 13MCA52 – System Simulation and Modeling
14. 16MCA11 – Data Structures Using C
15. 16MCA 38 - Analysis and Design of Algorithms Laboratory
16. 16MCA48 – Software Testing Laboratory
17. 16MCA542 – Cloud Computing
18. 17MCA11 – Data Structures Using C
19. 17MCA25 – System Software
20. 17MCA 38 - Analysis and Design of Algorithms Laboratory
21. 17MCA542 – Cloud Computing.
22. 17MCA57 – .Net Laboratory
23. 18MCA16 – C++ Programming Lab.
24. 18MCA22 – Data Structures Using C++
25. 18MCA24 - Computer Networks
26. 18MCA27– Data Structures Lab
27. 18MCA33 - Design and Analysis of Algorithms
28. 18MCA352 – Optimization Techniques
29. 18MCA38 - Algorithms Lab
30. 18MCA46 – Professional Communications and Report Writing
31. 18MCA551 – System Simulation and Modeling
32. 20MCA11 - Data Structures with Algorithms
33. 20MCA11 - Data Structures with Algorithms Lab
34. 20MCA22 - Object oriented Programming with Java
35. 20MCA28 - Java Programming Laboratory

Orientation: Annexure-2

1. TEQIP-1.3 Sponsored “ 21 Days Orientation Programme” organized by VTU Human Resource Development Cell (VTU HRDC) Belagavi, from 18.02.2019 to 11.03.2019

Workshops: Annexure-3

1. 3 days online FDP on “ IoT Applications using Python “, organized by RNSIT, Bengaluru From 22-24 Sept, 2021.
2. E & ICT Academy and IIT Kanpur (A Joint Initiative of MeitY & IIT Kanpur) Jointly organized One week online faculty development programme on “Core Java”, from 21 -26 June 2021.
3. E & ICT Academy and IIT Kanpur(A Joint Initiative of MeitY & IIT Kanpur) Jointly organized One week online faculty development programme on “Cloud computing”, from 7- 12 June 2021
4. AICTE ATAL one week online FDP on “Block chain”, organized by PDACE, Kalaburagi from 2-6 November 2020.
5. Faculty Development Programme on Virtual Labs for affiliated Engineering Colleges under VTU Belagavi for Computer/Information Science Engineering and related domains organized by Visvesvaraya Technological University, Belagavi in association with National Institute of Technology, Surathkal on 22 October 2020.
6. Ministry of Electronics and Information Technology (MeitY), Govt. of India supported Two week online faculty development programme on “Python Programming”, Jointly organized by Electronics and ICT Academies (MNIT Jaipur, NIT Patna, PDPM IIIT DM Jabalpur) from 7-18 September, 2020.
7. 5 days National level FDP on ”Opportunities and Challenges of Post Pandemic Era: an Overview”, organized by BMSIT&M Bengaluru from 10 -14 August 2020.
8. VTU CPGS Kalaburagi and IIIT Allahabad jointly organized one week online FDP on “Exemplary Practices in Teaching - Learning and Evaluation of Courses in Computer Science & Information Technology” from 3-7 August 2020.
9. Ministry of Electronics and Information Technology (MeitY), Govt. of India supported Two week (equivalent to 3 credit 40 hours course) online faculty development programme on “Advanced Optimization Techniques and hands-on with MATLAB/SCILAB” Jointly organized by Electronics and ICT Academies MNIT Jaipur, NIT Patna, PDPM IIIT DM Jabalpur from 13- 24 July 2020
10. Five Days Online Faculty Development Programme on “Contemporary Research Trends in Electronics & Communications, and Computer Science” organized by Visvesvaraya Technological University, Centre for PG Studies, Kalaburagi in association with IETE, from 06 – 10 July 2020.
11. Three days Virtual Hands-on Training program on “PYTHON for DATA ANALYSIS”, Organized by School of Computing & Information Technology, REVA University, Bengalure, from 17-19 June 2020.
12. Five days Online FDP on “Data Science & IOT”, organized by SECAB Institute of Engg. & Technology in Association with ISTE from 9 -13 June 2020.
13. Live Webinar on “Covid-19 Lockdown Effect-Impact on Indian Economy and Stock Market” organized by Department of Management Studies, VTU’s CPGS Kalaburagi, in association with Anand Rathi Shares and Stocks Brokerage Ltd, Kalaburagi on 06th June 2020.

14. Five days Online course on “Stress Management” Organized by Dept. Of Management & Research, AVS Collge of Arts & Science, Salem, Tamilnadu, from 13-17 April 2020.
15. TEQIP 1.3 Sponsored One Week Faculty Development Programme on “IoT Trends & Strategies with Machine Learning”, Organized by Department of CSE, VTU’s CPGS, Kalaburagi, from 30.12.2019 to 04.01.2020.
16. TEQIP-III sponsored one day workshop on ”NAAC Awareness Programme(New Format-2018)”, Organized by Dept. of Mechanical Engineering, VTU’s CPGS Kalaburagi, on 30.11.2019
17. One day workshop on “3DM Classroom Visual e-Content for Engineering Students” by Kshithija Infotech Pvt. Ltd. at VTU Regional Office, Kalaburagi, on 27.11.2018
18. TEQIP Sponsored one day workshop on “AICTE New Model Curriculum for PG Courses (MBA/MCA/M.Tech.), held on 06.08.2018 at B. N. M. Institute of Technology, Bengaluru.
19. TEQIP-1.3 Sponsored One week Faculty Enrichment Programme on “Discrete Mathematical Structures”, Organized by VTU CPGS, Kalaburagi, from 27.07.2018 to 31.07.2018.
20. Two Weeks AICTE Sponsored Faculty Development Program on “Biomedical Signal Processing and Analysis for Cognitive Neuroscience Study”, Organized by PDA college of Engg. Kalaburagi, from 01-12 January 2018.
21. Two days Workshop on “Usage of Open Source Softwares in Technical Institutes” organized by Eunio Labs in association with VTU Regional Office, Kusnoor Road, Kalaburagi, on 6-7, October 2017
22. VTU-PDACE jointly organized one day workshop on “Use of e-Resources for Teaching and Research”, on 19.05.2017.
23. TEQIP-II Sponsored One week short term training program on, “Automation using IOT”, organized by PDA college of Engg. Kalaburagi fro 23-28 January 2017.
24. Two days National Level Workshop on “Internet of Things (IoT)” organized by VTU Postgraduate Centre and Regional Office, Kalaburagi, on 18-19, March 2016.
25. One Week Workshop on Faculty Skillsets – Discovering the Teacher in You!, Organized by VTU Regional Office, Kalaburagi, from 08.12.2014 to 13.12.2014.
26. Two days NASSCOM Training program on “Train the Trainers”, Organized by VTU P.G. Centre, Bangalore, from 12-13 May 2014.
27. VTU-VGST Sponsored Faculty Development Programme on “Role of Teachers: Challenges and Opportunities in Technology” Organized by Department of PG Studies, VTU Regional Office, Gulbarga, from 7-10, May 2014.
28. Training of Evaluation on Outcome Based Education & Accreditation 1st phase 5/3/2014, 2nd phase on 21st,22nd & 23rd March 2014 held @ VTU, Kalaburagi
29. One day Faculty Development Programme on “Roles of Teachers: Challenges and opportunities” Organized at Visvesvaraya Technological University, Belgaum, on 23/2/2014.

30. One week FDP Program on “Cloud Computing Technology and Its Applications” Organized by PDACE, Gulbarga, from 20-24 March 2013.

Conference: Annexure-4

1. Presented paper on “A Systematic Review on Load Balancing Techniques in Cloud Computing Environment “ at Inter National Conference (ICCRAES-2016), organized by PDACE, Kalaburagi, 4th to 5th October 2016.
2. Presented a paper titled “A Study and Analysis of Various Scheduling Algorithms in Cloud Computing” in the Two-Day National Conference on Recent Innovations in Information, Communication Technology, and Management (RIICTeM-2015) held at VTU’s Postgraduate Centre and Regional Office, Kalaburagi on 21 – 22 May 2015), ISBN: 978–81–921740–4–4, pp. 206-209
3. Presented a paper titled “Self-healing routing capability in VANET, a cognitive agent based approach” at 2nd International Conference on “Communication, Computation, Management & Nanotechnology”, (ICN-2011) organized by REC Bhalki, from 23rd to 25th September 2011.

Publications: Annexure-5

1. *Shilpa Kodli, Sujata Terdal*, “Hybrid max-min genetic algorithm for load balancing and task scheduling in cloud environment” International Journal of Intelligent Engineering & Systems, pp. 63-71, Vol.14, No.1, 2021, DOI: 10.22266/ijies2021.0228.07.
2. *Shilpa B.Kodli, Soniya V langote*, “Identification for liver fibrosis based on chronic HBV using Image inference”, International Journal of Creative Research Thoughts (IJCRT), pp 408-411, Volume 9, Issue 12 December 2021 | ISSN: 2320-2882, Impact Factor: 7.97
3. *Shilpa B.Kodli, Sushma*, “Fast Global Smoother”, International Journal of Technical Innovation in Modern Engineering and Science (IJTIMES), pp. 693-699, Vol. 4, Issue 8, August 2018, e - ISSN 2455-2585, Impact Factor: 5.22.
4. *Vividha Kulkarni, Sunita, Shilpa B Kodli*, “Improved Effective Load Balancing Technique for Cloud”, International Journal of Scientific Research in Science And Technology (IJSRST), pp. 368-375, Vol. 4, Issue 9, August 2018, Online ISSN : 2395-602X, Impact Factor: 5.327.
5. *Shilpa B.Kodli, Vinita, Ashwini R S*, “Comparative Analysis of Existing Load Balancing Algorithms in Cloud Computing”, International Journal of Research and Analytical

- Reviews (IJRAR), pp 336-342 Vol.5, Issue 3, July – Sept, 2018. E- ISSN: 2348-1269, Impact Factor 5.75.
6. *Shilpa B.Kodli, Mangesh Jagtap, Milind Anandan*, “A secure Dissemination Data Approach using Repudiate Integrity Based Encryption in Cloud” , International Journal of Scientific Research in Computer Science , Engineering and Information Technology (IJSRCSEIT), pp. 471-475, Vol. 2, Issue. 4, August 2017, ISSN : 2456-3307.
 7. *Shilpa B.Kodli, Aradhana Hanakune*,”Cross Domain Opinion Grading Using Sentiword Embeddings”, International Advanced Research Journal in Science, Engineering and Technology (IARJSET), PP 320-322, Vol. 4, Issue. 7, August 2017, ISSN 2394-1588, Impact Factor: 4.821
 8. *Shilpa B.Kodli, Shruti Vadga*, “A Novel Approach for Collision Tolerant Packet Scheduling for Underwater Data Transmission”, International Advanced Research Journal in Science, Engineering and Technology (IARJSET), Vol. 4, Issue. 7, August 2017, ISSN 2394-1588 , Impact Factor: 4.821
 9. *Shilpa B.Kodli, Zeba Juhi*, “Pattern Recognition Approach for Fish Mask Segmentation and Detection from Video’,International Journal of Advanced Research in Computer Science (IJARCS), PP. 671-674, Vol. 8, Issue 7, August 2017, ISSN 0976-5697, Impact Factor:5.845
 10. *Shilpa B.Kodli, Mahantesh*, “A Profit Maximization Scheme in Infrastructure Oriented Cloud Environment”, International Journal of Scientific Research in Computer Science , Engineering and Information Technology (IJSRCSEIT), PP. 545-549, Vol. 2, Issue 4, August 2017, ISSN 2456-3307.
 11. *Shilpa B.Kodli, Huda Fatima, Rohini*, “Automatic Assigned Key Based Query Search on Textual Datasets”, International Journal of Engineering and Scientific Research (IJESR), PP. 51-58, Vol. 5, Issue 9, Sept 2017, ISSN 2347-6532, Impact Factor:6.60
 12. *Shilpa B.Kodli, Shivaprasad Ghangre, Santoshkumar*, ”Energy Efficient Virtual Machine Consolidation and Task Migration in Cloud Datacenters”, International Journal of Advanced Research in Computer Engineering and Technology (IJARCET), pp 1113.-1117, Vol. 6, Issue7, July 2017 , ISSN 2347-6532, Impact Factor: 5.12
 13. *Shilpa B.Kodli, Pooja Fulari*, “Dynamic Real Time Scheduling Technique For Overloaded Jobs To Improve The Performance In Mobile Cloud”, International Journal of Engineering Science And Computing (IJESC), PP. 51-58, Vol. 7, Issue7, July 2017, ISSN 2250-1371, Impact Factor:5.611.
 14. *Shilpa B.Kodli , Shripriya G, Kanchan*, “Disaster Recovery Based Non Preemptive Improved Weighted Round Robin Technique for Resource Scheduling and Load Balancing in Cloud Environment “, International Journal For Scientific Research and Development (IJSRD), pp. 1863-1865, Vol. 5, Issue5, Aug. 2017, ISSN 2321-0613, Impact Factor:5.00.
 15. *Shilpa B.Kodli ,AnnapurnaMath.*, “A Proficient R-Tree Based Indexing Technique for Location Finding Using Cloud”, International Journal of Engineering Science And

Computing (IJESC), pp. 14200-14201, Vol. 7, Issue7, July 2017, ISSN 2250-1371, Impact Factor:5.611

16. *Shilpa B Kodli , Malashree S Valsang*, “Dynamic Rebalancing Technique for QOS Provisioning in Cloud Storage Service”, International Journal of Computer Science and Mobile Computing (IJCSMC), PP 223-229, Vol. 5 , Issue 8, August 2016, ISSN 2320–088X , Impact Factor: 5.837.
17. *Shilpa B Kodli , Pramila D Reshmi*, “ Multi-Cloud Data Storing Strategy with Cost Efficiency and High Availability”, International Journal of Science and Research (IJSR) , PP 1450-1453, Vol. 5 , Issue 8, 2016, ISSN 2319-7064.
18. *Shilpa Kodli, Priya Maski*, “A Novel Approach for Efficient Data Slicing and Replication in Cloud”, International Journal of Computer Science and Mobile Computing (IJCSMC), PP 216 – 222, Vol. 5, Issue. 8, August 2016, ISSN 2320–088X, Impact Factor: 5.258.
19. *Megha Rani Raigonda, Dr. Sujata Terdal and Shilpa B Kodli* “A Review on Scheduling algorithms in Cloud Environment”, International Journal of Emerging Technology in Computer Science and Electronics (IJETCSE) , Vol. 23, Issue. 6, 2016, ISSN 0976 – 1353.

Programme Organized: Annexure-6

1. Organizing Committee Member for Two Days workshop on “Expert Training on Programming Skills” from 09 – 10 March 2018.
2. Organizing Committee Member for TEQIP 1.3 Sponsored One Week Faculty Enrichment Programme on “Discrete Mathematical Structures “at VTU’s Centre for PG Studies, Kalaburagi, from 27 – 31 July 2018.
3. Organizing Committee Member for Joint Board of studies and Board of appointment of examiners at VTU’s Regional Office, Kalaburagi on 17 September 2018.
4. Organizing Committee Member for One Week Faculty Development Program under TEQIP 1.3 “ IoT Trends and Strategies using Machine Learning” organized by Department of CSE, VTU CPGS, Kalaburagi, from 30 – 31 December 2019 & 01 – 04 January 2020
5. Organizing Committee Member for One Week Online FDP on “Exemplary Practices in Teaching-Learning and Evaluation of Courses in Computer Science & Information Technology” jointly organized by VTU’s CPGS, Kalaburagi and IIIT, Allahabad, from 03 – 07 August 2020

Details of PG Project Guidance: Annexure-7

Sl. No.	Academic Year	No. of Projects Guided
1	2013-2014	06
2	2014-2015	04
3	2015-2016	09
4	2016-2017	16
5	2017-2018	16
6	2018-2019	05
7	2019-2020	03
8	2020-2021	05

Social Responsibility Programs: Annexure-8

1. Member for Awareness of Voting for Lok Sabha Election 2014, among students on 3rd April, 2014 in Kalaburagi.
2. Member for plantation program in VTU, Kalaburagi campus, on the eve of World Environment Day on 5th June 2014 with Department of Forests, Govt. of Karnataka.
3. Member for Swachh Bharat Mission (SBM), Swachh Bharat Abhiyan (SBA), or Clean India Mission is a country-wide campaign initiated by the Government of India in 2014 on birth anniversary of Mahatma Gandhi.
4. Member for awareness program to students and society at large on Cracker Free Deepavali Festival, on 20th October, 2014.
5. Member for plantation drive in VTU, Kalaburagi campus on World Environment Day on 5th June 2015 with Department of Forests, Govt. of Karnataka.
6. Member for plantation of saplings in VTU campus, on World Environment Day on 5th June 2016 with Department of Forests, Government of Karnataka.
7. Member for plantation of saplings in VTU campus, on World Environment Day on 5th June 2017 with Department of Forests, Government of Karnataka.
8. Member for Mass Yoga Demonstration on International Yoga day in VTU campus, Kalaburagi on 21 June, 2017.
9. Member for plantation of saplings in VTU campus, on World Environment Day on 5th June 2018 with Department of Forests, Govt. of Karnataka.
10. Member for International Yoga day in VTU campus, Kalaburagi on 21 June, 2018.
11. Member for “One Student One Tree” campaign for the idea of a green and healthy environment
12. Member for plantation drives in VTU campus, on World Environment Day on 5th June 2020 with Department of Forests, Govt. of Karnataka.

Member of Various Committees: Annexure-9

1. Member, Joint Board of Studies Committee, VTU's Regional Office, Kalaburagi
2. Member, Swachhata Abhiyan Committee, VTU's Regional Office, Kalaburagi
3. Member, Anti Ragging Squad Committee, VTU's Regional Office, Kalaburagi
4. Member, IQAC Committee, VTU's Regional Office, Kalaburagi
5. Member, Student Welfare Committee, Department of CSE (MCA), VTU's CPGS, Kalaburagi
6. Member, Discipline Committee, Department of CSE (MCA), VTU's CPGS, Kalaburagi
7. Worked as Internal Assessment Coordinator, Department of CSE (MCA), VTU's CPGS, Kalaburagi

Others: Annexure-10

1. Worked as Women's Hostel Warden for the academic year 2019-20

Work Experience: Annexure-11

Sl. No	Organisation	Designation	Duration	Total Experience
1	VTU's Centre for PG Studies, Kalaburagi	Assistant Professor	28 January 2014 to till date	8 Years
2	BLDEA's V.P.Dr.P.G.Halakatti College of Engineering and Technology, Bijapur	Assistant Professor	01/01/2012 to 27/01/2014	2 Years 1 Month
3	BLDEA's V.P.Dr.P.G.Halakatti College of Engineering and Technology, Bijapur	Lecturer	17/08/2006 to 31/12/2011.	5 Years 5 Months
4	Basavakalyan Engineering College, Basavakalyan	Lecturer	04/09/2004 to 6/08/2006	1 Year 11 Months
				Total: 17 Years & 5 Months