


1	Name in Full	<ul style="list-style-type: none"> • Name: Prof. Shubhangi Digamberrao Chikte • Address: Dept of CSE, VTU CPGS, Kalaburagi • Phone: 9448716838 • E-mail id: shubhangidc@vtu.ac.in 	 <p style="text-align: center;">Photo</p>
2	Date of Birth	28/11/1972	
3	Qualification	BE M Tech PhD	
4	Date of Entry into Services	01/01/2014	
5	Designation	Professor & Program Coordinator	
6	Academic profile	PhD 2010 PG 2001 UG 1995	
7	Positions held	Lecturer, Assistant Professor, Professor	
8	Courses Taught	Protocol Engg, Machine Learning Techniques, advanced algorithms, Storage rea networks, wireless communication, research methodology, Artificial intelligence and machine learning , Information and network security	
9	Areas of Specialization	Image processing, Machine learning	
10	Orientation/ Training / Refresher Courses/ Workshops and Conference attended with details	Total 36 Details attached in Annexure-1	
11	Seminars attended with details	Details attached in Annexure-1	
12	Details of Publications	24-Conferences Details attached in Annexure-2 149-International Journals	
13	Paper Reviewer	Reviewed the Technical Papers for International Conference on Current Research & Applications in Electrical Science (ICCRAES-16) at PDACE kalaburagi conducted on 4-5 October 2016. Reviewer of IJCSA, Elsevier. Reviewer of IJAIT, JOVI(Journal of Visualization-Elsevier),IJCSA, IJCER	
14	Details of extension Services (Association with Social Organization)	Chaired the Technical Sessions at International Conference on Current Research & Applications in Electrical Science (ICCRAES-16) at PDACE kalaburagi conducted on 4-5 Coordinator women empowerment cell services, Red cross cell, NSS Cell	

15	Details of Consultation Industry / Business other Institutions.																															
16	Invitation as Guest faculty /Programmes done	Key note speaker at international conference on computing technologies 2021 at st. Xavier's catholic college of engg, Nagercoil, kanyakumari. Guest lecturer in PDA College of engg, Kalaburagi , Shetty Institute of technology, District science centre, Kalaburagi. Central university of Karnataka. Gulbarga university, Gulbarga.																														
17	Representation on BOS/ Syllabus committees of Universities	BOS PDA College of Engg, Kalaburagi BOS KBN University. BOS CUK.																														
18	Details of Research Guidance	Details attached in Annexure-3																														
19	Number of Research scholars	08																														
20	Number of students awarded Ph.D	06																														
21	No of students registered for Ph.D	02																														
22	No of Ph.D in progress	02																														
23	Any other Information	National/International & State awards: 08(Details attached in Annexure-4) National & International patents: 17 (Details attached in Annexure-5) Chairman IETE Gulbarga sub centre Editorial board member of various Journals Other responsibilities carried out (Details attached in Annexure-6)																														
24	No. of student for mentoring (Category wise)	<ul style="list-style-type: none"> • Category wise • Gender wise • Caste wise <table border="1"> <thead> <tr> <th>Year</th> <th>SC</th> <th>ST</th> <th>OBC</th> <th>GEN</th> </tr> </thead> <tbody> <tr> <td>2015-2016</td> <td>01</td> <td>-</td> <td>06</td> <td>-</td> </tr> <tr> <td>2016-2017</td> <td>01</td> <td>-</td> <td>05</td> <td>-</td> </tr> <tr> <td>2017-2018</td> <td>-</td> <td>-</td> <td>06</td> <td>-</td> </tr> <tr> <td>2018-2019</td> <td>-</td> <td>-</td> <td>07</td> <td>01</td> </tr> <tr> <td>2019-2020</td> <td>01</td> <td>-</td> <td>09</td> <td>-</td> </tr> </tbody> </table>	Year	SC	ST	OBC	GEN	2015-2016	01	-	06	-	2016-2017	01	-	05	-	2017-2018	-	-	06	-	2018-2019	-	-	07	01	2019-2020	01	-	09	-
Year	SC	ST	OBC	GEN																												
2015-2016	01	-	06	-																												
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2018-2019	-	-	07	01																												
2019-2020	01	-	09	-																												
25	Professional Summary / Work Experience	Worked as BOE member for CSE & MCA Subject expert for Guest faculty selection & Permanent faculty selection at various universities. Key note speaker in International conference. Advisory Board Member, Technical Board Member at various conferences, workshops, seminars and FDP's.																														

		Organized workshops, Seminars, Technical /Expert talks for student under ISTE Student chapter. Coordinator of National conference at VTU Kalaburagi. Organized Conference, workshops, seminars, symposia (Details attached in Annexure-7)
26	Professional Memberships	FELLOW of IEI (Membership no. F-122177-5) FELLOW of ISTE(LM-124694) FELLOW of IETE(F-501814) Chairman of IETE

Annexure-1

Orientation/ Training / Refresher Courses/ Workshops and Conference attended

1. Advanced Mathematics for Science & Engg(AICTE - ISTE Sponsored two week short term training program) 18 th -29 th Aug 2003 at PDACEG
2. Industry Institute Interaction(one day seminar) 10 th JULY 2004 at PDACEG
3. Principles of effective teaching for engg. College teachers(AICTE - ISTE Sponsored two week short term training program) 02 -14 th Aug. 2004 at GLOBAL ACADEMY OF TECHNOLOGY, BANGLORE
4. Oracle database 10g:Administration workshop I Ed I(ORACLE University Course) 2 - 6 th sept.2005 at ORACLE Bangalore
5. CGI Programming & Web Design(3 day workshop) 24 th -26 Sept.2005 at PDACEG
6. Advances in Material science(AMS-06)(seminar & presented paper) 9-10 Jan. 2006 at GUG
7. Broadband Communication(2 day workshop) 28 th -29 th Apr 2006 at REC, Bhalki
8. Image processing for beginners(2 day workshop) 21 st -22 nd April 2006, at PDACEG
9. Pattern recognition & Image processing(2 day workshop) 15-16 May 2006 at KBNCEG
10. Recent trends in signal processing and wireless communication
11. (2 day workshop) 1-2 March 2007, at GNDEC, Bidar
12. IET-UK International conference on " Information and Communication Technology"(presented paper) 20-22 Dec. 2007, at MGR University Chennai
13. International conference on Advances in Computing"(presented paper) 21-2Feb. 2008, at ACM,AEC Chapter Chikhali
14. International conference on Content Based Image Retrieval"(presented paper) 16-18 July 2008, at PESIT Bangalore
15. ICAC3-09 (International conference on advances in computing, communication and control-2009) 23-24 Jan.2009FR.C.Rodrigues college of Engg. Mumbai
16. International Conference on future Information Technology(IPCSIT),

Singapore, Sept 16-18-2011 , (Received Excellent paper award ICFIT 2011).
17. Faculty Enablement Program On Industry elective “Building Enterprise Applications” 30 July- 3 August 2012, at INFOSYS Bangalore
18. Exploring new learning opportunities in IT and Embedded Domain(2 days Faculty development program) 5-6 oct. 2012, at PDACEG
19. Pervasive computing and software defined Radio(1 day workshop) 6 Nov. 2012, at PDACEG
20. IPR “ One Day Workshop on VTU/VTU Training The Trainer” at VTU RO Gulbarga, 18/02/2014
21. One day FDP program on “Role of Teachers: Challenges and opportunities” at VTU Belgaum, 23/02/2014
22. Four days workshop on Training of Evaluators on Outcome Based Education and Accreditation by NBA” Phase-I & Phase-II at VTU RO Gulbarga, 05/03/2014 ,21/03/2014 & 23/03/2014
23. Four days VTU-VGST FDP on “ Role of Teacher: Challenges and opportunities in Technology” at VTU RO Gulbarga, 07/05/2014 TO 10/05/2014
24. One day training cum workshop on free and open source software’s for staff on FOSS(Free open source software), 20/09/2014
25. One week FDP on “Performance Analysis of Computer Networks” at PDACE Gulbarga. 22/09/2014 TO 26/09/2014
26. “One Week Workshop on Faculty Skill sets -Discovering the Teacher in You” at VTU RO Kalaburagi. 08/12/2014 TO 13/12/2014
27. National Conference on Recent Innovation in INFORMATION, COMMUNICATION, TECHNOLOGY, and MANAGEMENT (RIICTeM-2015) at Kalaburagi 22/06/15 TO 25/06/15
28. One week, National winter training program on, BIG Data and Hadoop, PDA college of Engg. Kalaburagi 29-02-2016 TO 4-03-2016
29. Technical advisor, chair person and reviewer of “International Conference on Current Research and Applications in Electrical Science, ICCRAES-2016,” held on 4th and 5th October, 2016 in Pooja Doddappa Appa College of Engineering, Kalaburagi (PDACEK),
30. One week short term training program on “Dynamic web designing using PHP, MYSQL, and Javascript” ,” held on 4th and 5th October, 2016 in Pooja Doddappa Appa College of Engineering, Kalaburagi (PDACEK), 18-22 January 2017
31. One week FDP on “Automation using Internet of Things”, ,” held on 23 and 28 January , 2017 in Pooja Doddappa Appa College of Engineering, Kalaburagi (PDACEK),
32. Two week AICTE Sponsored FDP on “ Biomedical signal processing and analysis for cognitive neuroscience study”, held on 1 to 12 January , 2018 in Pooja Doddappa Appa College of Engineering, Kalaburagi (PDACEK),
33. One week TEQIP 1.3 Sponsored Faculty Enrichment Programme on “ Discrete Mathematical Structures “ at VTU Centre for PG Studies, RO, Kalaburagi held on 27/07/18 to 31/07/18
34. One week online faculty development programme on “Exemplary Practices in Teaching-Learning and Evaluation of Courses in Computer Science & Information Technology” in association with IIIT, Allahabad at VTU Centre for PG Studies, RO, Kalaburagi held on 03/08/2020 to 7/08/2020

35. Faculty Development Program On “Contemporary research trends in electronics and communication and computer science” Organized by Regional office VTU, Kalaburagi held on 6/7/2020 to 10/7/2020

36. Technical Talk on “Management Skills in Computer science & Engineering” Organized by Regional office VTU, Kalaburagi held on 23/06/2020

Annexure-2

Details of Publication

International Journal Publications

1. Shubhangi d.c , “Multiclass SVM Classifier with Neural Network for Handwritten Character Recognition” published in International Journal of Computer Science and Applications Vol. 1, No. 3, December 2008 ISSN 0974-1003 pp 205-208.
2. Shubhangi d.c , “Multiclass SVM Classifier for English Handwritten Digit Recognition”, published in Advanced IETECH International Journal of Computations IETECH Journal of Advanced Computations, Vol. 2, No: 4, © IETECH Publications, 2008, pp 232-236.
3. Shubhangi d.c , “Handwritten English Character Recognition By Combining SVM Classifier”, published in International Journal Of Computer Science And Applications, Vol. 2, No. 2, Nov./Dec. 2009, pp 122-126.
4. Shubhangi d.c , “English Handwritten Character And Digit Recognition Using Multiclass SVM Classifier And NGCC Approach” published in Advanced IETECH International Journal Of Computations.Vol. 3,No. 3, 2009, pp. 85-90.
5. Shubhangi d.c , “English Handwritten Character And Digit Recognition using Multiclass SVM Classifier And Using Structural Micro Features” published in International Journal of Recent Trends in Engineering. Vol. 2, No. 2, Nov 2009, pp 193-195.
6. Shubhangi d.c , “Determination of Writers Age Using English Handwritten Document”, published in International Journal of Computer Science and Applications. Jan./Feb. 2010, Vol. 3, No.1, pp 1-6.
7. Shubhangi d.c , “Edge detector of Femur bones in X-Ray images- A comparative study of age detectors”, published in International Journal of Computer Applications. March 2012, Vol. 42, No.2, pp 13-16.
8. Shubhangi d.c , “Authentication watermarking for transmission of hidden data using Biometrics Technique”, published in International Journal of Emerging technology and Advanced Engineering. May. 2012, Vol. 2, No.5, pp 357-362.
9. Shubhangi d.c , “Multi-Biometric approaches to face and fingerprint biometrics”, published in International Journal of Engineering Reasearch and technology(IJERT) . July. 2012, Vol. 1, Issue 5.
10. Shubhangi d.c , “Universal Impulse noise filter based on genetic programming ”, published in International Journal of Engineering Reasearch and technology(IJERT) . July. 2012, Vol. 1, Issue 5.
11. Shubhangi d.c , “IMAGE EDGE DETECTION USING MORPHOLOGICAL OPERATION”, published in International Journal Of Research In Computer Application & Management(IJRCM) ISSN 2231-1009 VOLUME NO. 2 (2012), ISSUE NO. 8 (AUGUST), PP 97-101
12. Shubhangi d.c. , “ Skeletal Bone Age Analysis Using Emroi Technique”, IOSR Journal of Computer Engineering (IOSR-JCE) e-ISSN: 2278-0661, p- ISSN: 2278-8727Volume 12, Issue 3 (Jul. - Aug. 2013), PP 06-13

13. Shubhangi d.c. , “Human skin cancer recognition and classification by unified skin texture and color features” IOSR Journal of Computer Engineering (IOSR-JCE) e-ISSN: 2278-0661, p- ISSN: 2278-8727 Volume 12, Issue 4 (Jul. - Aug. 2013), PP 42-49.
14. Shubhangi d.c. , “An automated pelvic bone geometrical feature measurement utilities on CT scanning” IOSR Journal of Computer Engineering (IOSR-JCE) e-ISSN: 2278-0661, p- ISSN: 2278-8727 Volume 12, Issue 4 (Jul. - Aug. 2013), PP 50-56
15. Shubhangi d.c. , “A Novel Method for Averting Jamming Invasion in Wireless Network with Packet Hiding Methods” International Journal of Emerging Trends in Engineering and Development Issue 4, Vol.4(June-July2014) ISSN 2249-6149, PP 1-10
16. Shubhangi d.c. , “Gender Identification in Digital X-ray Images of Femur Bone”, International Journal Of Technological Exploration And Learning(IJTEL) IJTEL,ISSN: 2319-2135, VOL.3, NO.2, APRIL 2014,PP 421-424
17. Shubhangi d.c. , “A Novel cryptographic approach providing authentication for vehicular Ad-Hoc network” International Journal of Emerging Trends in Engineering and Development Issue 4, Vol.3(June-July2014) ISSN 2249-6149, PP 917-928
18. Shubhangi d.c. , “ Control of coding in DTN’s for progressive packet arrivals dynamically”, IOSR Journal of Computer Engineering (IOSR-JCE)e-ISSN: 2278-0661,p-ISSN: 2278-8727, Volume 16, Issue 4, Ver. V (Jul –Aug. 2014), PP 106-111
19. Shubhangi d.c. , “Anonymity Protection in MANETs By Zone Partitioning”, International Journal Of Technological Exploration And Learning (IJTEL), , ISSN: 2319-2135, VOL.3, NO.4, AUGUST 2014, pp 552-558
20. Shubhangi d.c. , “Personality Trait Identification –A survey”, IJCSN International Journal of Computer Science and Network, ISSN (Online) : 2277-5420 ,Volume 3, Issue 2, April 2014, pp 16-29
21. Shubhangi d.c. , “Energy Efficient and Path Stability for Routing Protocol in Ad-Hoc Network”, INTERNATIONAL JOURNAL OF TECHNOLOGICAL EXPLORATION AND LEARNING, (IJTEL) ISSN: 2319-2135, VOL.3, NO.4, AUGUST 2014 pp 567-571
22. Shubhangi d.c. , “Comparison Of Different Methods Of Image Edge Detection With Morphologic Method”, Journal Of Innovations In Computer Science And Engineering (JICSE) ISSN:2278-0947, VOL.4(1), Jul-Dec-2014 pp 31-36
23. Shubhangi d.c. , “ Triangle Area Map Powered Multivariate Correlation Analysis For Anomaly Based Denial-Of-Service Attack Detection”, International Journal of Computer Engineering and Applications, Volume IX, Issue VI, June 2015
24. Shubhangi d.c. , “Online Direction Computation Using Current Traffic Index”, International Journal of Computer Science and Mobile Computing, Vol.4 Issue.6, June- 2015, pg. 1147-1153
25. Shubhangi d.c. , “Privacy Preserving Public Auditing Mechanism Using HARS For Cloud Data Sharing In Oruta”, International Journal of Computer Science and Mobile Computing, Vol.4 Issue.5, May- 2015, pg. 653-661
26. Shubhangi d.c. , “Ciphertext-Policy Attribute-Based Encryption for Secure Data Retrieval in Decentralized Military Networks” International Journal of Computer Science and Mobile Computing, Vol.4 Issue.6, June- 2015, pg. 531-537.
27. Shubhangi d.c. , “Multi –User Secure Data Sharing for Dynamic Groups in the Cloud Mona”, International Journal of Computer Science and Mobile Computing, Vol.4 Issue.5, May- 2015, pg. 662-669
28. Shubhangi d.c. , “ A traffic redundancy elimination system using predictive acknowledgements for cloud bandwidth and cost reduction”, International Journal of Computer Engineering and Applications, Volume IX, Issue VI, June 2015, pg. 21-29

29. Shubhangi d.c. , “Identification of Scene Text by Character Descriptor in Smart Mobile Devices”, International Journal of Engineering Research and General Science Volume 3, Issue 3, Part-2 , May-June, 2015, pg.96-102
30. Shubhangi d.c. , “Self-Generation of Test Packet for Heterogeneous IP Network”, International Journal of Computer Science and Mobile Computing, Vol.4 Issue.6, June- 2015, pg. 447-455
31. Shubhangi d.c.”Personality Trait Identification Using Unconstrained Cursive and Mood Invariant Handwritten Text”, International Journal of Education and Management Engineering (IJEME), Volume 5, Number 5, October 2015, pg.20-31
32. Shubhangi d.c., ”Privacy Preserved Image Recognition on MSB Encrypted Images”, International Journal of Advanced Research in Computer and Communication Engineering Vol. 4, Issue 10, October 2015,pg-395-398
33. Shubhangi d.c., ”Security Analysis and Deduplication Using Convergent Algorithm”, International Journal of Science and Research (IJSR) ISSN (Online): 2319-7064, Volume 4 Issue 6, June 2015,pg 1395-1398
34. Shubhangi d.c.,” Efficient Re-ranking of the Web Image Search by an Attribute”, International Journal of Advanced Technology and Innovative Research Volume.08, IssueNo.05, May-2016, Pg 0788-0791
35. Shubhangi d.c.,” Verifying Digital Artefacts on the Web”, International Journal of Computer Science and Mobile Computing, Vol.5 Issue.5, May- 2016, pg. 184-190
36. Shubhangi d.c.,” Multi Modal MRI Brain Image Fusion Techniques and Graph Cut Segmentation”, International Journal of Engineering and Future Technology,2016,volume 2, Issue 1, Pg.55-65
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40. Shubhangi d.c.,” Data Integrity and Security of Storage Management in Cloud Computing”, IJISSET - International Journal of Innovative Science, Engineering & Technology, Vol. 3 Issue 6, June 2016, ISSN (Online) 2348 – 7968 | Impact Factor (2015) - 4.332, Pg.471-477
41. Shubhangi d.c.,” Fragmentation of Data in Large-Scale System For Ideal Performance and Security”, International Journal of Computer Applications Technology and Research, Volume 5– Issue 6, 412 - 416, 2016, ISSN:- 2319–8656, Pg.412-416
42. Shubhangi d.c., “ Based on the Word Alignment ModelCo-Decoction Opinion Objectives and OpinionWords from Online Reviews”, International Journal of Computer Trends and Technology (IJCTT) – Volume 37 Number 1 - July 2016, Pg.37-41
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51. Shubhangi d.c., “ Specific Trait Identification in Margins Using Hand Written Cursive”, International Journal Of Engineering And Computer Science ISSN: 2319-7242 Volume 6 Issue 1 Jan. 2017, Pg. 19963-19964
52. Shubhangi d.c., “ A Survey on Forensic video Analysis”, International Journal of Combined Research & Development (IJCRD)eISSN:2321-225X;pISSN:2321-2241 Volume: 6; Issue: 4; April -2017, Pg.1773-1780
53. Shubhangi d.c., “ Feature Extraction of Images Using Two Different Descriptors and Their Differences”, International Journal of Advanced Research in Computer Science and Software Engineering, ISSN: 2277 128X,Volume 7, Issue 5, May 2017,Pg.840-845
54. Shubhangi d.c., “IoT Based Shopping Store for Blind People”, International Journal of Advanced Research in Computer Science, ISSN No. 0976-5697, Volume 8, No. 5, May-June 2017, Pg.1600-1605
55. Shubhangi d.c., “Easy Travel: A Smart Way to Travel in City Bus and Counting Number of Passengers”, International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181,Vol. 6 Issue 06, June – 2017,Pg.698-704
56. Shubhangi d.c., “ Privacy-Preserving Outsourcing of Medical Image Data using SIFT Descriptor”, Int. J. Sc. Res. in Network Security and Communication ISSN: 2321-3256,June-2017,Pg.141-145
57. Shubhangi d.c., “ Optical Tomography: The Survey on Optical Tomographic Techniques”, International Journals of Advanced Research in Computer Science and Software Engineering ISSN: 2277-128X (Volume-7, Issue-6),June-2017, Pg.376-381
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 67. Shubhangi d.c., “Personal Identification with Human Iris Recognition Based on EMD”, *International Journal of Engineering and Techniques - Volume 3 Issue 4*, ISSN: 2395-1303, July-Aug 2017, Pg.124-128
 68. Shubhangi d.c., “Brain Tumor Segmentation: The Survey on Brain Tumor Segmentation Techniques”, *International Journal for Research in Applied Science & Engineering Technology (IJRASET)*, ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 6.887, Volume 5 Issue VIII, August 2017, Pg.2086-2092
 69. Shubhangi d.c., “A survey on fusion based methods using MR Image Analysis for disease diagnosis”, *International journal of Engg. Development and research*, vol.5, issue 4, oct. 2017
 70. Shubhangi d.c., “A Decomposition technique for image fusion to detect Brain tumor using T1, T2 Weighted MR Images”, *International journal of current Engineering and Scientific Research(IJCESR)*, Vol. 4, Issue 12 , 2017
 71. Shubhangi d.c., “Video Encryption Algorithm and Key Management using Perfect Shuffle”, *Int. Journal of Engineering Research and Application* ISSN : 2248-9622, Vol. 7, Issue 7, (Part -3) July 2017, pp.01-05
 72. Shubhangi d.c., “ Air Pollution Monitoring And Disease Prediction by Image Processing, Machine Learning And IOT”, *International Journal of Research in Advent Technology*, Vol.6, No.6, June 2018 E-ISSN: 2321-9637 ,pp 1173-1178
 73. Shubhangi d.c., “DIAGNOSING STRESS IN TERMS OF NATURAL ETIQUETTES”, *International Journal of Innovative Research in Science, Engineering and Technology* ISSN(Online): 2319-8753 ISSN (Print): 2347-6710 Vol. 7, Issue 6, June 2018 ,pp 22251- 22260
 74. Shubhangi d.c., “**Estimation of Heart Rate from Face**”, © 2018 IJSRSET | Volume 4 | Issue 9 | Print ISSN: 2395-1990 | Online ISSN : 2394-4099, IJSRSET1848201 |July-August-2018 pp 35-39
 75. Shubhangi d.c., “ HYBRID FILTERING METHOD FOR RECOMMENDER FRAMEWORK BY UTILIZING UNVARIED ARTICLES”, *International Journal of Technical Innovation in Modern Engineering & Science (IJTIMES)* Volume 4, Issue 7, July-2018, e-ISSN: 2455-2585, Impact Factor: 5.22 (SJIF-2017), pp 224-230
 76. Shubhangi d.c., “ Smart Ring for Women Safety”, **IJARCCCE** ISSN (Online) 2278-1021 ISSN (Print) 2319-5940 **International Journal of Advanced Research in Computer and Communication Engineering** ISO 3297:2007 Certified Vol. 7, Issue 6, June 2018 pp-117-120
 77. Shubhangi d.c., “A Practical Alert System for Collision Avoidance”, **ISSN 2319 – 1953 International Journal of Scientific Research in Computer Science Applications and Management Studies, Volume 7, Issue 3 (May 2018)**,

78. Shubhangi d.c., “Food Recognition for Diabetic Patients using Bag-of-features Model based System”, Journal of Emerging Technologies and Innovative Research (JETIR)© 2018 JETIR June 2018, Volume 5, Issue 6, (ISSN-2349-5162), pp-844-850
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6. Shubhangi d.c , “A robust Morphological analyzer to capture Kannada noun Morphology” , International Conference on future Information Technology (IPCSIT), Singapore, Sept 16-18-2011 , **VOL 13, PP 548-542** (Received Excellent paper award ICFIT 2011).
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NATIONAL CONFERENCE PUBLICATIONS

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2. Shubhangi d.c , “Anomaly Based Denial-of-Service Attack Detection Using Triangle Area Mapping and Multivariate Correlation Analysis”, *National Conference on RIICteM – 2015, VTU Postgraduate Centre, Kalaburagi-05*, pp 227-23

Annexure-3

Details of Research Guidance

8 Students Registered PhD in VTU RRC, Belagavi

six student Completed PhD in VTU RRC, Belagavi

Two students submitted PhD , waiting for PhD final Viva voce date of confirmation from examiners

Details of candidates registered for Ph D with Research Title				
Sl. no.	Candidate name & university	Topic of research	Date of Registration	Current Status
1	Raghavendra S.Chinchansoor VTURRC, Belgaum	Analysis of Distinctive Medical Images for Various Syndrome Detection	12/02/2012	Completed Ph.D.
2	Syeda Asra VTURRC, Belgaum	Human Behavior Prediction Through Personality Trait Identification Using Cursive Handwritten Text	12/02/2012	Completed Ph.D..
3	Padmanjali.A.Hagaragi VTURRC, Belgaum	Fusion Based Medical Image Analysis for Disease Diagnosis	13/02/2012	Completed Ph.D.
4	Shivaleela.patil VTURRC, Belgaum	Developing efficient and robust techniques for face recognition in forensic applications	18/10/2012	Completed Ph.D.
5	Sayyada fahmeeda sultana VTURRC, Belgaum	Privacy preservation for multimedia information on cloud with the fusion of image processing pattern recognition and security	06/03/2014	Completed Ph.D.
6	Satish VTURRC, Belgaum	Analysis of forensic Images for forgery detection	30/12/2014	Completed Ph.D.
7	Kumari Shilpa VTURRC, Belgaum	Biomedical Image Analysis for Osteoporosis	5/01/2015	Submitted Ph D Thesis
8	Smt. Manikamma VTURRC, Belgaum	A novel watermarking techniques for 3D Mesh objects	14/01/2016	Submitted Ph D Thesis.

Annexure-4

Any other Information

National/International & State Awards: 08

- Received Best Teacher Award for the year 2012-13 in PDA Collage of Engineering, Kalaburagi
- Received the State Award "WOMEN ACHIEVER'S AWARD" from Karnataka State Centre, The Institute Of Engineers(INDIA) on 8 March 2018.
- Received the RULA International Award-2018 "DISTINGUISHED RESEARCHER OF 2018" in recognition with outstanding work and Achievements in the field of research and co-curriculum ,on 15th August 2018.
- Received the ISTE NATIONAL AWARD, "Shayesta Akhtar Memorial National Award for the Best Women Engineering College Teacher", on 29 November 2019
- Received the ISTE STATE AWARD ,"ISTE BEST STUDENT CHAPTER AWARD" (ISTE COORDINATOR-VTU CENTRE FOR PG STUDIES REGIONAL OFFICE, KALABURAGI) ISTE NEW DELHI & ISTE KARNATAKA STATE SECTION.
- Received CMI LEVEL 5 CERTIFICATE IN MANAGEMENT AND LEADERSHIP(AICTE-UKIERI TECHNICAL LEADERSHIP PROGRAMME) AICTE- MHRD Govt. of India- British Council-UK India Education Research Initiative (UKIERI)
- Received IETE National award 2021 "IETE-Smt Triveni Devi Gupta Memorial Award" on 25-26 Sept 2021.
- Received the ISTE NATIONAL AWARD 2020, "Prof K Arumugam National Award for Innovative Research work in Engineering & Technology" in recognition of outstanding contribution to the area of Image processing, Machine learning and IOT

Annexure-5

NATIONAL /INTERNATIONAL PATENTS PUBLISHED/GRANTED 2020-2021

SL NO	PATENT TYPE	NO.
1	NO. OF INDIAN NATIONAL PATENT PUBLISHED	12
2	NO. OF AUSTRALIAN INTERNATIONAL PATENT GRANTS	03
3	NO. OF AUSTRALIAN INTERNATIONAL PATENT FILED	02
TOTAL NO. PATENTS		17

Name of Faculty : Dr Shubhangi Digamber Chikte(Professor)

SL.No	Title of the Patent	Application No	Filled date	Published/Granted Date
1	Systems and methods for prediction of osteoporotic using Biomedical image only(INDIAN NATIONAL PATENT)	202141020076	2021-05-02	14-05-2021
2	Design and Analysis of Efficient Methodologies for Forgery Detection in Forensic Images. (INDIAN NATIONAL PATENT)	202141019432	28-04-2021	14-05-2021
3	USING CLASSIFIED TEXT AND DEEP LEARNING INTELLIGENT ALGORITHMS TO IDENTIFY RISK AND PROVIDE EARLY WARNING. (INDIAN NATIONAL PATENT)	202121020593	06-05-2021	11-06-2021
4	Intelligent Robotic Vehicle to Detector Metal, Drugs(INDIAN NATIONAL PATENT)	202131018964	24-04-2021	28-05-2021
5	Intelligent Cloud Bursting Scheduling using Machine Learning (INTERNATIONAL PATENT)	2021102569	14-05-2021	16-06-2021
6	A NOVEL WATERMARKING TECHNIQUES FOR 3D MESH OBJECTS(INDIAN NATIONAL PATENT)	202141021974	16-05-2021	11-06-2021
7	Intelligent Mobile Charger: Automatic Disconnect the Charger if Your Mobile Battery Charge 97.5%(INDIAN NATIONAL PATENT)	202141021762	14-05-2021	06-08-2021
8	Biomedical Image Analysis for Osteoporosis using fuzzy logic Detection, Diagnosis and Prediction Model (INTERNATIONAL PATENT)	2021102772	22-05-2021	-
9	A Novel Watermarking Techniques for 3D Mesh Objects(INTERNATIONAL PATENT)	2021102762	22-05-2021	23-06-2021
10	Technologies Towards 5G Network for Intelligent Health Care Using IOT Notification with Machine Learning Programming. (INDIAN NATIONAL PATENT)	202141023738	28-05-2021	11-06-2021
11	An IOT Based Portable System For Automatic Irrigation and Fertilizer(INTERNATIONAL PATENT)	2021103425	17-06-2021	-
12	Design and Analysis of Image Forgery Detection Techniques for Innovative methodologies (INTERNATIONAL PATENT)	2021103274	10-06-2021	09-03-2022
13	RD- Architecture: Reliable and Error Detection Architectures of Pomaranch for false alarm Sensitive Cryptographic System	202141033821	2021-07-28	06-08-2021
14	Machine Learning Model for predicting Severity Prognosis in Patients Infected with Covid-19 (INDIAN NATIONAL PATENT)	202141033820	28-07-2021	06-08-2021

15	FA- Implementation: High-Throughput Finite Field Multipliers Using Reductant Basis for FPGA and ASIC implementations. (INDIAN NATIONAL PATENT)	202141033754	27-07-2021	06-08-2021
16	Chip Architecture Scan Test Bandwidth Management for Ultra Large-Scale System-On –chip architecture. (INDIAN NATIONAL PATENT)	202141033819	28-07-2021	06-08-2021
17	Encryption Technique for 3D Point Cloud Models with Mapping(INDIAN NATIONAL PATENT)	202141030613	08-07-2021	23-07-2021

Annexure-6

Other Responsibilities

- Chairman IETE Gulbarga sub centre.
- Chairman ICC cell VTU Belagavi
- Chairman ISTE Cell VTU CPGS Kalaburagi
- Member Secretary women cell VTU Belagavi
- BOS and BOE Member at various other universities
- Worked as main coordinator of Internet IT Mela from 2004-2009 organized by District Authority, NIC.
- Worked as COE at Appa IET, Gulbarga
- Worked as Chief and Deputy Chief Supervisor, external deputy chief , special squad at various VTU exam's.
- Worked as a Warden of ladies hostel for three years in PDA college of engg. Gulbarga.
- Worked as a IT Co-ordinator of PDA college of Engg., Gulbarga.
- Worked as a Infosys campus connect Co-ordinator of PDA college of Engg., Gulbarga.
- Worked as a Nodal officer of the help Line centre for the safety of North East students of PDA Engineering College Gulbarga.
- Worked as a Member of Advisory committee of E-Journals for central library of PDA college of Engg., Gulbarga.
- Worked as a Member of class monitoring team under 12 point implementation program.
- Worked as a Member of Anti-Ragging team of PDA college of Engg., Gulbarga.
- Worked as a Squad Member VTU Autonomous exam's. Of PDA college of Engg., Gulbarga
- Worked as Deputy chief superintendent of VTU Valuation centre at VTU RO, Gulbarga.
- Worked as chief superintendent of VTU Examinations for all PG courses , Ph D Course work, Ph D entrance examination in VTU RO, CPGS, Kalaburagi.
- BOE member of VTU, Belagavi.

- Worked as technical advisory board member and technical reviewer of **International Conference On Current Research Applications In Electrical Sciences (ICCRAES-16)** at PDA CEG, Kalaburagi.
- **VTU Nodal officer** for various projects undertaken by VTU under VTU, DST, KCTU
- **Chairman** of VTU Grievance Redressal committee-Kalaburgi Region
- **Chairman** of VTU Internal Complain committee -Kalaburgi Region
- **Chairman** of UGC Academic Journal Expert committee of VTU.
- Academic coordinator VTU CPGS, Kalaburagi
- **Subject expert in UPSC, Delhi**
- I/C special officer, I/C Regional Director , I/C PG coordinator of VTU CPGS, Kalaburagi
- **Advisory committee member** at various Engg. Institutes for National and International Conference/workshop/FDP.
- **Member / Member Convener** for Various collages of LIC Visit of VTU and AICTE inspection committee.
- **Selection committee member for appointment of permanent faculties and Guest faculties at Central University, Karnataka & guest faculty selection at VTU Belagavi.**
- BOE member of VTU, Belagavi.
- KEY NOTE SPEAKER AT INTERNATIONAL CONFERENCE ON COMPUTING TECHNOLOGIES 2021 AT ST. XAVIER'S CATHOLIC COLLEGE OF ENGG, NAGERCOIL, KANYAKUMARI. ON 28 & 29 April 2021

Annexure-7

Organized Conference, workshops, seminars, symposia

Sl.No	Particulars	From	To
1	IPR “ One Day Workshop on VTTC/VTU Training The Trainer” at VTU RO Gulbarga	18-02-2014	18-02-2014
2	Four days workshop on Training of Evaluators on Outcome Based Education and Accreditation by NBA” Phase-I & Phase-II at VTU RO Gulbarga	05/03/2014 &	23-03-2014
3	Four days VTU-VGST FDP on “ Role of Teacher: Challenges and opportunities in Technology” at VTU RO Gulbarga	07-05-2014	10-05-2014
4	One day training cum workshop on free and open source software’s for staff on FOSS(Free open source software)	20-09-2014	20-09-2014
5	“One Week Workshop on Faculty Skill sets - Discovering the Teacher in You” at VTU RO Kalaburagi	08-12-2014	13-12-2014
6	National Conference on Recent Innovation in INFORMATION, COMMUNICATION, TECHNOLOGY, and MANAGEMENT (RIICTeM-2015) at Kalaburagi	22-06-2015	25-06-2015
7	One day Workshop on “Free Open Source Software (FOSS)” was organised in association with IIT, Bombay.	24-09-2016	24-09-2016
8	Two days workshop and Nationwide competition to create awareness about the legal rights of women by Women Empowerment cell VTU Kalaburagi in collaboration with National Commission for women, Government of India	24-11-2017	25-11-2017
9	International Womens Day Clebration and one day seminar on “Womens Health Issues” Addressed by Dr. Nalini Namoshi , DHO & Secretary health Dept, karnataka	11-03-2018	13-03-2018
10	The TEQIP 1.3 Sponsored One Week Faculty Enrichment Programme on “ Discrete Mathametical Structures “ at VTU Centre for PG Studies, RO, Kalaburagi	27-07-2018	31-07-2018
11	Motivational talk by noble personalities Babar Ali and Ramesh Ballida. Felicitated Noble personalities of India Babar Ali and Ramesh Ballida in VTU kalaburagi. .	4th October , 2018	-

12	Indian Institute of public administration in association with VTU Kalaburagi organised seminar on “Role of digital technology in governance” ,Chief guest IAS Snehal Lokhande. Guest of Honor DC commercial tax Meera pandit and IIPA secretary Dr B G gullashetty. ,DC Meera pandit delivered the seminar on Role of digital technology in governance	15th October , 2018	
13	WOMEN EMPOWERMENT CELL, VTU, Kalaburagi, Organized, “ Indian culture talk & Dandiya on Navratri Fest ”	16th October , 2018	-
14	Inaugral Function of ISTE Students’ Chapter & Address by ISTE President and Honorable Vice chancellor VTU	4th Nov. 2018	-
15	One day workshop on "3DM classroom visual e-content for engineering students" at VTU Regional Office, Centre for PG Studies ,Kalaburagi	27th Nov. 2018	-
16	Department of PG Studies, VTU Regional Office, Kalaburagi, In Collaboration with Karnataka State Council for Science and Technology (KSCST),IISc campus, Bangalore and Regional Centre, Kalaburagi organized “International Seminar on Trending Technology & Career Guidance for IT Students”	18th December, 2018	-
17	One day workshop on "Women's Rights and Women's Laws" organized by Women Empowerment Cell VTU Kalaburagi	19th December, 2018	-
18	Women Empowerment Cell Kalaburagi arranged Debate and Examination on women's Rights Laws in collaboration with National commission for women , New Delhi @ VTU Kalaburagi	20th December, 2018	-
19	One day workshop on "Legal Awareness and Assistance Programme" organized by Women Empowerment Cell ,VTU PG Centre, Kalaburagi on 19 Jan'2019 in collaboration with District legal Service Authority, District Advocates Association and Women and Welfare Department, Government of Karnataka @ VTU Kalaburagi	19th January, 2019	-
20	Ethnic Day and departmental day celebration by department of computer science and engg, VTU CPGS, kalaburagi	19th January, 2019	-

21	“International Womens day celebration “,organized by Women Empowerment Cell VTU Kalaburagi	23rd March 2019	26th March 2019
22	One day online national seminar on “Intellectual Property Rights (IPR) and its implications in higher education” Organized by Regional office VTU Kalaburagi	11TH AUGUST 2020	
23	One week online faculty development programme on “Exemplary Practices in Teaching-Learning and Evaluation of Courses in Computer Science & Information Technology” in association with IIT, Allahabad	3RD AUGUST 2020	7TH AUGUST 2020
24	Faculty Development Program On “Contemporary research trends in electronics and communication and computer science” at VTU, Kalaburagi	6TH JULY 2020	10TH JULY 2020
25	Technical Talk on “Management Skills in Computer science & Engineering” at VTU, Kalaburagi	23RD JUNE 2020	
26	Webinar on “Covid 19 lockdown effect- Impact on Indian economy and stock market” at VTU Kalaburagi	06TH JUNE-2020	
27	One week Online FDP on Contemporary Teaching Pedagogy for Effective Teaching Learning Process at VTU Kalaburagi	1st june 2020	6th June 2020
28	Quiz competition on “C , C++, Data Structures and Python”	30TH MAY 2020	
29	Webinar on “Empower Yourself to Avoid Stress during COVID-19 Outbreak” at VTU Kalaburagi	29TH MAY 2020	
30	One day workshop on RASE 2020-ONLINE at VTU Kalaburagi	17TH MAY 2020	
31	One week FDP on Creativity and Innovation in Professional Teaching at VTU Kalaburagi	18TH MAY 2020	23RD MAY 2020
32	One week FDP on “Mentoring Pedagogy & Application of ICT tools for Online Classroom Delivery of Teachers (Online Mode)” at VTU Kalaburagi	13TH APRIL 2020	18TH APRIL 2020
33	One Week Faculty Development Program under TEQIP 1.3 “IoT Trends and Strategies using Machine Learning” organized by Department of CSE, VTU CPGS, Kalaburagi.	30-DEC-19	04-JAN-20

34	One Day Workshop on “A Systematic Approach on Research Methodology” under ISTE Students Chapter VTU, Kalaburagi.	23-DEC-19	
35	Motivational Talk on “Joyful Living In Personal And Professional Life” by Prof. Siddu Yapalaparvi, under ISTE Students Chapter, VTU Kalaburagi.	21-DEC-19	
36	An Awareness Programme on “e-Learning Initiatives” at VTU Kalaburagi	05-DEC-19	
37	One Day Workshop on “Embedded Systems and Recent Technologies” under ISTE Students Chapter, VTU Kalaburagi.	01-DEC-19	
38	One Day Workshop on “Research Funding Agencies in India and How to Write a Good Research Proposal” by Dr. Rangaswamy under ISTE Students Chapter, VTU Kalaburagi.	23-NOV-19	
39	An invited talk by Prof. Vrushabendrappa, Director BIET, Davangere on “Leadership Qualities”, at VTU Kalaburagi.	23-NOV-19	
40	DEC tablets Distribution in association with St. John Ambulance and Urban Family Welfare Centre at VTU, Kalaburagi.	07-NOV-19	
41	One Day Workshop on “Importance of Research and Innovations” under ISTE Students Chapter, VTU Kalaburagi.	11-OCT-19	
42	Blood Donation Camp - Organised in association Indian Red Cross Society, Kalaburagi. 50 units of blood donated to Govt. Hospital.	01-OCT-19	
43	One day Workshop on “Artificial Intelligence & Machine Learning Techniques” by NASA Scientist Er. Narayan Inamdar at VTU Kalaburagi	30-SEP-19	
44	Three days Meditation Camp conducted in association with Ram Chandra Mission (Heartfulness Relaxation).	11-SEP-19	13-SEP-19
45	Quiz competition on “C , C++, Data Structures and Python”	30TH MAY 2020	--
46	Webinar on “Empower Yourself to Avoid Stress during COVID-19 Outbreak” Organized by Regional office VTU Kalaburagi	29TH MAY 2020	--

Additional programs organized every year at VTU Kalaburagi:

Swachh Bharat Abhiyan, Blood donation camp, International yoga day, Tree adoption and Tree plantation