



Dr. Ujwala Gawande, Ph.D. (NIT, Surat)

Associate Professor,
Department of Information Technology,
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Maharashtra, India

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1. Personal Details

Full Name	: Dr. Ujwala Haridas Gawande
Date of Birth	: 21 st October 1977
Education Qualification	: B.E. (CT), M. Tech. (CSE), Ph.D. (CE)
Home Address	: 101, Shri Sai Apartment, Rajshree Nagar, Belatrodi, Near Shatabdi Chaouk, Nagpur-440027, Maharashtra, India
Experience	: 16.8 Years
Area of Specialization	: Digital Image Processing, Computer Vision, Soft Computing, Artificial Intelligence, Pattern Recognition

2 Academic Record

Institute/ Board/ University	Degree	Year of Passing	% Marks	Division	Field of Specialization
SVNIT, Surat	Ph.D.	2014	8.67 (credits in course work)	-	Multi-Biometric Based Recognition Using Feature Level Fusion of Fingerprint and Iris Modalities (Computer Engineering)
G.H.R.C.E, R.T.M.N.U, Nagpur	M.Tech.	2007	64 %	First	Computer Science
KITS, Ramtek, R.T.M.N.U, Nagpur	B.E.	2001	72%	First	Computer Technology

3. Professional Appointment/Employment: Experience: 16.8 Years

Position/designation and Name of Institution (Starting from	From	To	Total		Pay & Pay Scale (Band) with AGP Separately	Gross Pay/month in Rs.
			Years	Months		

current position)						
Asso. Prof. (UGC), Y.C.C.E, Nagpur	21.2. 2015	Till date	5	2	52250/- (37400 – 67000) with AGP 9000	1, 47, 105/- [July 2019]
Asso. Prof (MR), Y.C.C.E, Nagpur	5.8.201 4	10.2. 2015	-	7	46400/- (37400 – 67000) with AGP 9000	1, 08, 370/- [Feb 2015]
Lecturer (Asst. Prof.), UGC, Y.C.C.E, Nagpur	1.6. 2008	4.8. 2014	6	2	26590/- (8000-275- 13500) with AGP 6000	64, 788/- [Aug 2014]
Lecturer, (MR), Y.C.C.E, Nagpur	15.1.20 07	25.5. 2008	1	4	8275/- (8000- 275-13500)	20, 404/- [May 2008]
Lecturer, Y.C.C.E, Nagpur	22.8.20 06	14.1.20 07	-	5	8000/- (8000- 275-13500)	18, 320/- [Feb 2007]
Lecturer, G.CS., Ballarpur	2002	2005	3	-	6000/ consolidated	6000/-

4. Membership of scientific and Professional Societies

Name of Professional Society	Type of Membership	Membership Number	Member Since
Association for Computing Machinery (ACM)	Professional Members	0663683	2016
Institution of Engineers (India)	Life Membership	M-1510228	2015
Indian Society for Technical Education (ISTE)	Life Membership	LM-17464	2009
International Association of Engineers	Life Membership	250885	2019

5. Ph.D. Thesis Title

- Multimodal Biometric Based Recognition using Feature Level Fusion of Iris and Fingerprint

6. Personal Achievements/Honors/Awards/Prizes/Recognition

Year	Achievements/Honors/Awards/Prizes
2019-20	Organizing Committee Member - International Conference on Recent Development Trends in Engineering & Technology (ICRDTIET-2020), April 10th -11th, 2020, Govindrao Wanjari College of Engineering & Technology, Nagpur
2019-20	Technical Program Committee member of International Conference on Science Engineering and Technology (ICSET-2020)". Utharakhand, May 20, in association with Springer

2019-20	Advisory Committee member of International Conference on Science Engineering and Technology (ICSET-2020)". Pune
2019-20	Local Enquiry Committee Member, KDK College of Engineering, Nagpur (30.12.2019)
2019-20	Local Enquiry Committee Member, GN College of Engineering, Nagpur (19.12.2019)
2019-20	Silver Medal – Elite in NPTEL Course of “Joy of computing using Python”
2019-20	Reviewer of International Journal of Big Data Intelligence (IJBDI) Inderscience - Dec 2019
2019-20	“Best Engineering Teacher Award 2019”, by Engineering Education Foundation (EEF) at K.K.Wagh College of Engineering and Research, Nashik on 31 st Oct 2019.
2019-20	Reviewer of International Conference - TENCON 2019, KOCHI, KERALA, 17-20 OCT 2019
2019-20	Committee member for UGC Interview for IT Department, NIT, Nagpur (20.7.19)
2019-20	2nd Prize for College Magazine “Insurgo”, by RTMNU, Annual day programme (4.8.19)
2019-20	DLA Chairman at RGCER, Nagpur on 28.6.2019
2018-19	Reviewer of International Journal - Computer Methods in Biomechanics and Biomedical Engineering: Imaging & Visualization, THOMSAN PUBLICATION (IF 0.284)
2018-19	Judge at National level project competition, PCE, Nagpur
2018-19	Reviewer of SPANDAN – A national level Conference, Y.C.C.E, Nagpur
2018-19	Session Chair of SPANDAN – A national level Conference, Y.C.C.E, Nagpur
2018-19	Joint Editor – Liaison Journal - (Disaster Management and Humanitarian Assistance)
2018-19	2nd Prize for College Magazine “Insurgo”, by RTMNU, Annual day programme (5.8.18)
2017-18	Level 1 Proficiency in “The Kalam Impact Faculty Excellence Programme”, MGI
2017-18	Reviewer of IET Journal on Image Processing (IF: 2.00)
2017-18	Local Enquiry Committee Member, Cummins College of Engineering, Nagpur (19.12.2017)
2017-18	Local Enquiry Committee Member, Suresh Deshmukh College of Engineering College, Wardha
2017-18	Received Funding of 18 Thousand under MGI Innovative UG-PG Project
2017-18	Received Copyright for 1. Copyright for PPTs of course material Digital Image Processing 2– Dairy number – 6781/2015 - CO/L, submitted on 11/06/2015 (Registration Number: L-69961/2017) 2. Copyright for PPTs of course material Digital Image Processing 1– Dairy number - 6969/2016 -CO/L, submitted on 14/06/2016 (Registration Number: L-66395/2017) 3. Copyright for PPTs of course material Neural Network and Fuzzy Logic – Dairy number - 6968/2016 -CO/L, submitted on 14/06/2016 (Registration

	<p>Number: L- 67222/2017)</p> <p>4. Copyright for Lab manual of Neural Network and Fuzzy Logic – Dairy number - 6964/2016 -CO/L (Registration Number: L-74435/2018)</p> <p>5. Copyright for Computer Graphics – Dairy number - 6972/2016 -CO/L</p>
2017-18 2016-17	Developed an Alumni Portal for YCCE, Nagpur in collaboration with ADCC
2017-18	Received Women in Education Award by Dewang Mehta Institute
2016-17	Reviewer for International Conference on IConSIP-2016 signal and information processing in association with Indian Institute of Technology Bombay, College of Engineering, Pune and technically co-sponsored by IEEE Bombay Section, organized by Shri Guru Gobind Singhji Institute of Engineering and Technology, Nanded (Maharashtra State) October 6-7, 2016
2016-17	Technical Session Chair - TLHTicon-2017 - Int. Conf. DMIMS Wardha, 9-10 Jan 2017
2015-16	DLA Member at RGCER, 28.6.2014
2015-16	Reviewer for International Conference on Information security and Privacy in collaboration with Elsevier, organized by G.H.R.C.E, Nagpur, 11-12 Dec 2015.
2015-16	<p>Received Copyright for</p> <ol style="list-style-type: none"> 1. Fingerprint Color image database. v, File ID: #52507, Version: 1.0 Web Link: http://www.mathworks.com/matlabcentral/fileexchange/52507-fingerprint-color-image-database-v1 2. Fingerprint Grayscale image database. v2, File ID: #5250, Version: 2.0 Web Link: http://www.mathworks.com/matlabcentral/fileexchange/52508-fingerprint-grayscale-image-database-v2
2015-16	Microsoft Certified Professional
2014-15	Approved Supervisor for Ph.D. and M.E. by research (No. Ph.D. (Cell)/RRC/47), Dated 09/02/2015
2014-15	Patent Title: - Inter Radial Segment based Iris Feature Extraction Method, Patent application No is 2229/mum/2014 received on 08/07/2014 having CBR No 10917. (available on: http://www.ipindia.nic.in/ipr/patent/journal_archieve/journal_2014/pat_arch_112014/official_journal_2811F2014_part_i.pdf) Dated: 08/07/2014)
2014-15	Microsoft Certified Professional
2014-15	DLA Member at MCA, 28.6.2013
2013-14	Received Ph.D. Degree from SVNIT, Surat
2013-14	Most popular Teacher award by students of YCCE, Times of India
2012-13	Best paper award at International Conference on Computer Science & Information Technology – 2012, organized by Institute for Project Management Pvt. Ltd.", Bhubaneswar at Panji Pune
2008-09	Best paper award at International Conference "ICSCI 2008" at Pentagram Research Center Hyderabad
2006-07	Project was selected in semifinal round at all India Project competition Organized by BITS Pillani.
2005	GATE Score: 75.22 percentile (CSE (GATE Score: 257) All India Rank (6693))

7. No. of M.Tech. students Guided: 07

Sr. No.	Title of Dissertation / Project	Year	Name of student(s)
1	Development of full Duplex communication System for Deaf and Dumb People	2016-17	Ms. Surabhi Rathi
2	A Secure Data Hiding Technique In Compressed Video using a Secrete Key	2015-16	Ms. Chaitali Raut
3	Generation of 3D Test view from artist drawn sketch	2014-15	Mr. Vikas Shirke
4	Speech Recognition in noisy Environment	2014-15	Ms. Karisma Chavan
5	Unhealthy Region of Citrus Leaf Detection using Image Processing Techniques	2013-14	Kiran Gavhale
6	Automatic detection of cancerous lung nodule from the computed topographic images	2013-14	Vaibhav Likitkar
7	Morphological Classification of few blood related diseases using Peripheral blood microscopic images	2011-12	Jignyasa Sanghavi

8. No. of Ph.D. students Guided: 04

- Number of students completed Ph.D. - NIL
- Number of students in progress: 04

Name of the Research Scholar	Title of the Work (Thesis)	Broad Area	Date of Registration	Status
Mrs. S. G. Kale	Word Sense Disambiguation for Marathi Language	Natural Language Processing	17.10.2016	On Going (IT Dept.)
Mr. Kamal Hajari	Scale and Rotational Invariant Approach for Human Detection and Tracking in Video Surveillance System	Computer Vision and Soft Computing	12.01.2017	On Going (IT Dept.)
Mrs. Nikita Hatwar	Framework for Assessment of Human Psychological Stress using EEG Signals and its Reduction using Music Therapy	Computer Vision and Soft Computing	05.12. 2018	On Going (IT Dept.)
Mr. Dipak Wajgi	An Energy Efficient Localization Algorithm in Wireless Sensor Network	Network security	13.05.2019	On Going (CT Dept.)

9. Teaching Areas/Course Prepared to Teach:

Title of the subject Taught	Under Graduate/Post Graduate	Semester/Year
Advanced Digital Image Processing	PG	2 nd Sem M.Tech.
Computer vision	PG	3 rd Sem M.Tech.
Digital Image Processing	UG	5 th / 6 th Sem BE
Artificial Neural Network and Fuzzy System	UG	6 th / 7 th / 8 th Sem BE
Computer Graphics	UG	5 th /6 th Sem BE
Object Oriented Methodology	UG	7 th Sem BE
Software Engineering	UG	8 th Sem BE
Design and Analysis of Algorithm	UG	7 th Sem BE
Artificial Intelligence	UG	8 th Sem BE/ 6 th Sem BE
E- Commerce	UG	7 th Sem BE

10. Number of paper available in International Databases

No. of Papers	Scopus	Web of Science	EBSCO	DBLP	Scientific Common	Cabell	Google Scholar	ACM Digital Library	Springer Digital Library	IEEE Digital Library	Other (ProQuest, etc.)
60	16 (53 C)	04	02	03	03	03	21	02	03	06	22

11. Citation Index and Publication Details

No. of Papers	International Journal	International Conference	National Journal	National Conference	Book Chapter	Citation Indices			
						No. of paper	Citation	h-Index	i10-index
60	22	28	01	05	04	21	291	09	09

12. Detailed Publication Summary

▪ Book Chapter: 04

1. **Ujwalla Gawande**, Kamal Hajari, Yogesh Golhar, "Deep learning approach to Key Frame Detection in Human Action Videos", Recent Trends in Computational

- Intelligence, IntechOpen, Web of Science, ISBN 978-1-83880-706-1. Feb 2020. [DOI: 10.5772/intechopen.91188]
2. **Ujwalla Gawande**, Kamal Hajari, Yogesh Golhar, "Pedestrian Detection and Tracking in Video Surveillance System: Issues, comprehensive review and challenges", Computational Intelligence, IntechOpen, Web of Science, Jan 2020. [DOI: 10.5772/intechopen.90810], ISBN 978-1-83880-706-1.
 3. **Ujwalla Gawande**, Kamal Hajari, Yogesh Golhar, "Efficient Multimodal Biometric Feature Fusion using Block-sum and Minutiae Techniques", Advances in Intelligent Systems and Computing, Springer, International Publishing CVIP 16, vol. 1, pp. 215-225, ISBN 978-981-10-2104-6, December 2016. (Springer), ISSN: 2194-5357.
 4. **Ujwalla Gawande**, Yogesh Golhar, Kamal Hajari, "Biometric based security system: Issues and Challenges", Intelligent Techniques in Signal Processing for Multimedia Security of the series Studies in Computational Intelligence, Springer International Publishing, vol. 660, pp. 151-176, 19th October 2016. (Springer), ISBN: 33194478909783319447896.

▪ **Refereed Journal:13**

1. Swati Kale, **Ujwalla Gawande**, "A brief review on Word Sense Disambiguation Approaches", International Journal of Engineering and Technology, SCOPUS, Vol. 7 (2), pp. 458-461, www.sciencepubco.com/index.php/IJET, doi:10.14419/ijet.v7i2.9649, March 2018.
2. **Ujwalla Gawande**, Yogesh Golhar, "Biometric security system: A rigorous review of Unimodal and Multimodal Biometric Techniques", International Journal of Biometrics, Inderscience Publishing, Vol. 10, No. 2, pp. 142 - 175, April 2018.
3. Kamal Hajari, **Ujwalla Gawande**, Yogesh Golhar, "Neural Network Approach to Iris Recognition in Noisy Environment", Elsevier Procedia CS, vol. 78, no. 2016, pp. 675-682, 11th -12th, Dec. 2015, Nagpur. (Elsevier).
4. **Ujwalla Gawande**, Kamal Hajari, "Adaptive Cascade Classifier based Multimodal Biometric Recognition and Identification System", International Journal of Applied Information Systems, Foundation of Computer Science FCS, vol. 6, no. 2, September 2013.
5. **Ujwalla Gawande**, Mukesh Zaveri and Avichal Kapur, "A novel algorithm for feature level fusion using SVM classifier for Multibiometrics based Person Identification", International Journal of Applied Computational Intelligence and Soft Computing, Hindawi, vol. 2013, pp. 1-11, July 2013. (Hindawi).
6. **Ujwalla Gawande**, Mukesh Zaveri and Avichal Kapur, "Fingerprint and Iris fusion based recognition using RBF Neural Network", International Journal of Signal and Image Processing, Bioinfo publications, vol. 4, Issue.1, pp. 142- 148, April 2013. (Bioinfo publications).

7. **Ujwalla Gawande**, Mukesh Zaveri and Avichal Kapur, "Bimodal Biometric system efficient feature level fusion of Iris and Fingerprint", International Journal on Biometric Technology Today, Science Direct, Elsevier, vol. 2, pp. 7-8, March 2013. (Elsevier).
8. **Ujwalla Gawande**, Anushree Sapre, Apurva Jain, Sanchita Bhriegu, Shruti Sharma, "Fingerprint – Iris Fusion Based Multimodal Biometric System using single Hamming Distance Matcher", International Journal of Engineering Invent, vol.2, issue 4, pp. 54-61, Feb 2013.
9. **Ujwalla Gawande**, S.R.Nair, H. Balani, N. Pawar, M. Kotpalliwar, "A High speed frequency based multimodal biometric system using Iris and Fingerprint", International Journal on advanced Computer Engineering and Communication Technology, vol 1, Issue 1, pp. 66-73, 2012.
10. **Ujwalla Gawande**, Mukesh Zaveri, Avichal Kapur, "A Novel Multialgorithmic approaches for Improving Iris Recognition using Haar, multiresolution and new Block Sum Method", International Journal of Computer Application, Dec 2011.
11. Ujwalla Gawande, Mukesh Zaveri, Avichal Kapur, "Multialgorithmic approaches of Iris Recognition", International Journal on Biometric Technology Today, vol 2011, issue 4, pp. 8-10, Science Direct, Elsevier, April 2011. (Elsevier).
12. Ujwalla Gawande, Mukesh Zaveri, Avichal Kapur, "Improving Accuracy of Iris Recognition by Score Based Fusion", International Journal of Advancements in Technology, vol. 1, no. 1, July 2010. (arXiv).
13. Ujwalla Gawande, S.R.Nair, H. Balani, N. Pawar, M. Kotpalliwar, "High speed frequency multimodal biometric system using Iris and Fingerprint", Springer Publisher, 2009.

▪ **Refereed Conferences: 22**

1. Nikita Hatwar, **Ujwalla Gawande**, "Can Music Therapy Reduce Human Psychological Stress: A Review", SmartCom 2019–3rd International Conference on Smart Trends for Computing and Communication, at Hotel Novotel, Siam square, Bangkok, 24th – 25 Jan 2019. (Scopus, Springerlink).
2. Nisha Wankhade, **Ujwalla Gawande**, "Need of Fundus Image Analysis: A Review", ICICCT 2018 - 2nd International Conference on Inventive Communication and Computational Technologies, at Hotel Arcadia, Coimbatore, India, 21st – 22nd April 2018. (IEEE digital Library).
3. **Ujwalla Gawande**, Surabi Rathi, "Development of Full Duplex Communication System for Deaf and Dumb People", 7th International Conference on Cloud Computing, Data Science & Engineering – Confluence, 2017, Amity University Uttar Pradesh, Noida, India, 12th - 13th January 2017. (IEEE digital Library).
4. **Ujwalla Gawande**, Kamal Hajari, Yogesh Golhar, "Novel Technique for removing Corneal Reflection in Noisy Environment - Enhancing Iris Recognition

- Performance”, International Conference on Signal and Information Processing (IConSiP 2016), 6th–8th, Oct. 2016, SGGSIET&T, Nanded. (IEEE digital Library).
5. **Ujwalla Gawande**, Kamal Hajari, Yogesh Golhar, “Efficient Multimodal Biometric Feature Fusion using Block-sum and Minutiae Techniques”, International Conference on Image Processing and Computer Vision (CVIP 2016), 26th–28th, Feb. 2016, IIT Roorkee, Uttarakhand.(Springer and DBLB digital Library).
 6. Kamal Hajari, **Ujwalla Gawande**, Yogesh Golhar, “Neural Network approach to Iris Recognition in Noisy Environment”, Proceeding of International Conference on Information security and Privacy in collaboration with Elsevier, G.H.R.C.E, Nagpur, 11th – 12th Dec. 2015. (Elsevier).
 7. **Ujwalla Gawande**, Vikas Shirke, “Generation of 3D Face Views from Artist Drawn Sketch: A Review”, Proceeding of IEEE International Conference on Industrial Instrumentation and control COEP, Pune, pp. 1582 - 1586, 28th – 30th May 2015. (IEEE digital Library).
 8. **Ujwalla Gawande**, Karishma Chavan, “Speech Recognition in noisy environment – issues and challenges”, Proceeding of IEEE International Conference on soft computing and network security, Kyungpook National University, Coimbatore, Tamilnadu, pp. 1-5, 25th – 27th Feb 2015. (IEEE digital Library).
 9. **Ujwalla Gawande**, Kamal Hajari, Yogesh Golhar, “Novel Cryptographic Algorithm based Fusion of Multimodal Biometrics Authentication system”, Proceeding of IEEE International Conference on Computing and Communication Technologies, University College of Engineering, Osmania University, Hyderabad, pp. 1 - 6, Hyderabad, India, 11th – 13th, Dec, 2014. (IEEE digital Library).
 10. **Ujwalla Gawande**, Kiran Gavhale, Kamal Hajari, “Unhealthy Region of Citrus Leaf Detection using Image Processing Techniques”, Proceeding of IEEE International Conference on Convergence of Technology(I2CT), Pune, India pp. 1 - 6, 6th – 8th, April 2014. (IEEE digital Library).
 11. **Ujwalla Gawande**, Vaibhav Likitkar, Kamal Hajari, “A Review on Automatic detection of cancerous lung nodule from the computed topographic images”, Proceeding of IEEE International Conference on Telecommunication and Computing - ICTC 13, KITS Ramtek KITS Ramtek, 18th – 20th, Dec. 2013.
 12. **Ujwalla Gawande**, Pritish Chaple, Kamal Hajari, “Efficient Recognition of Multimodal Biometric System”, Proceeding of Inderscience Open Access Journals International Conference on Computer Science & Information Technology Institute for Project Management Pvt. Ltd., Bhubaneswar, Panji, Goa, 5thAug 2012. (Best Paper Award).
 13. **Ujwalla Gawande**, Smita Thakare, Kalyani Mamulkar, Prachi Motghare, Pooja Godi, “Multimodal Biometric Feature based Person Classification”, in Proceeding of International Conference and workshop on Electronics and Telecommunication Engineering in association with ACM and International Journal of Computer Application, Thakur College of Engg.and Technology, Kandiveli, Mumbai 24th – 26th Feb 2012. (ACM digital Library).

14. **Ujwalla Gawande**, Mukesh Zaveri, Avichal Kapur, "A Novel Multialgorithmic approaches for Improving Iris Recognition using haar, multiresolution and new Block Sum Method", in Proceeding of International Conference on workshop on Electronics and Telecommunication Engineering, in association with ACM and International Journal of Computer Application, Thakur College of Engg.and Technology, Kandiveli, Mumbai ICWET 2011, 25 – 26 Dec 2011. (ACM digital Library).
15. **Ujwalla Gawande**, Amit Prakash, Alok Bhushan, Santhosh Pandey, Prasanna Reddy, "Virtual Mannequin: 3D Parameterized Human Modeling", in Proceeding of International Conference on workshop on Emerging Trends in Technology, in association with ACM and International Journal of Computer Application, Thakur College of Engg.and Technology, Kandiveli, Mumbai ICWET 2011, ISBN 978-1-4503-0449-8, pp. 160-162, 25 – 26 Dec 2011. (ACM digital Library).
16. **Ujwalla Gawande**, Rohit Mate, Chaitnya Deshmukh, Devendra Borkar, Madhao Wagh, "Online Database Management System for Training and Placement Cell", in Proceeding of International Conference on Systemic, Cybernetics and Informatics, Pentagonam Research Center, Hyderabad, 5th – 8th January 2011.
17. **Ujwalla Gawande**, Mukesh Zaveri, Avichal Kapur, "Improving Accuracy of Iris Recognition by Score Based Fusion Method", in Proceeding of 4th International Conference on Information Processing The society of Information Processing, Defence Institute of Advance Technology, University Visvesvaraya College of Engg. Bangalore, 6th – 8th August 2010.
18. **Ujwalla Gawande**, "Artificially Intelligent Traffic Control System", in Proceeding of International Conference on Image and Vision Computing, Riodejanerio, Brazil, 29th – 31st March 2010.
19. **Ujwalla Gawande**, Tejas Bhagwat, Abhinav Sharma, Arjun Khandelwal, Vaibhav Gaikwad, "A Real Time Embedded System: Roadway Traffic Management security system", in Proceeding of International Conference on Systemic, Cybernetics and Informatics, Pentagonam Research Center Private Limited., Hyderabad, 7th – 10th Jan 2009.
20. **Ujwalla Gawande**, Pradeep Shetty, Sudarshan Muktibodh, Chinmay Godbole, "Cursive Handwriting Recognition: Using Fusion of Segmentation Strategies & Elastic Matching", in Proceeding of International Conference on Systemic, Cybernetics and Informatics, Pentagonam Research Center Private Limited., Hyderabad, 7th – 10th Jan 2009.
21. **Ujwalla Gawande**, Arpit Jain, Pratyush Urade, Prakash Shende, Akshay Modak, "Vehical Monitoring and Number Plate Catcher Systems", in Proceeding of International Conference on Systemic, Cybernetics and Informatics, Pentagonam Research Center Private Limited., Hyderabad, 7th – 10th Jan 2009.
22. **Ujwalla Gawande**, Mahendra Patil, "Design of Real time Embedded System for Projecting the Interior Image in the Eye and Superimposing Additional Information on it", in Proceeding of International Conference on Systemic, Cybernetics and Informatics, Pentagonam Research Center Private Limited.,

Taramati Baradari Culture Complex, Ibrahimbagh, Ganpatipeth Road, Hyderabad, A.P. India 2nd – 5th January 2008.

▪ **Other Journal and Conference: 21**

1. **Ujwalla Gawande**, “Object Location Tracking and Indoor Navigation using RFID Detection for Indoor Environment”, Proceeding of International Conference on computing, communication, electrical, electronics, devices and signal processing, Sri Sunflower College of Engg and Technology, Vijayawada, AP, 28th – 30th. March 2015
2. **Ujwalla Gawande**, Vaibhav Likitkar, Kamal Hajari, “Automatic detection of cancerous lung nodule from the computed topographic images”, Journal of computer Engineering (IOSR-JCE), International Organization of scientific research, vol. 16, Issue 1, ver. 8, pp. 5– 11, Feb 2014.
3. **Ujwalla Gawande**, Kiran Gavhale, “An Overview of the Research on Plant Leaves Disease detection using Image Processing Techniques”, Journal of computer Engineering (IOSR-JCE), International Organization of scientific research, vol. 16, Issue 1, ver. 5, pp. -10 – 16, Jan 2014.
4. Jignyasa Sanghavi, Kishor Bhoyar, **Ujwalla Gawande**, “Morphological Classification of few blood related diseases using Peripheral blood microscopic images”, International Journal of Systems, Algorithms and Application (IJSAA), National Institute of Science Communication and Information Resources (NISCAIR), New Delhi, India, vol. 2, Issue 6, June 2012.
5. **Ujwalla Gawande**, Smita Thakare, Kalyani Mamulkar, Prachi Motghare, Pooja Godi, “Multimodal Biometric Feature based Person Classification”, International Journal of Computer Application, vol. 4, pp. 41-45, Feb 2012.
6. Jignyasa Sanghavi, Kishor Bhoyar, **Ujwalla Gawande**, “Morphological Classification of few blood related diseases using Peripheral blood microscopic images”, in Proceeding of International Conference on Innovations and Trends in Applied Computing (ITAC 2012) in association with University of Hardfort University, Yeshwantrao Chavan College of Engineering, Nagpur, 1st – 3rd Feb 2012.
7. **Ujwalla Gawande** & Avichal Kapur, “Fuzzy Rule based person Identification in Multimodal Biometric System”, in Proceeding of International Conference on Innovations and Trends in Applied Computing (ITAC 2012) in association with University of Hardfort University, Yeshwantrao Chavan College of Engineering, Nagpur, 1st – 3rd Feb 2012.
8. **Ujwalla Gawande**, Sonal Sune, Manjiri Tapaswi, Kimaya Dhoble, Neha Ballal, “Fusion of multiple biometrics”, National Conference - Techno vision/ SPANDAN R.K.N.C.E, Nagpur and Y.C.C.E, Nagpur, 19th Feb 2012 and 28th – 29th Feb 2012.
9. **Ujwalla Gawande**, Kamal Hajari, Pritish Chaple, “Key based fusion and Encryption of Multimodal Biometrics using Iris and Fingerprint”, International Conference on Advanced Computer Sciences, Communication and Information

- Technologies (ICACSCIT), Nagpur, Publisher is Institute of Research and Development (IRD), India, 2012
10. Jignyasa Sanghavi, Kishor Bhoyar, **Ujwalla Gawande**, "Review of Content Based Image Retrieval systems of medical domain", International Journal of Advances in Medical Informatics, vol. 2, Issue 1, pp. 22-24, 2012.
 11. **Ujwalla Gawande**, "Multimodal Biometric Feature based Person Classification", International Journal on Computer Application, 2012.
 12. **Ujwalla Gawande**, Mukesh Zaveri and Avichal Kapur, "Improvement in Iris Recognition Through Efficient Feature Extraction and Subset Selection", International Journal of Research in Engineering and Applied Sciences, YCCE Nagpur, Oct. 2011.
 13. **Ujwalla Gawande**, Mukesh Zaveri and Avichal Kapur, "An Effective Iris Recognition System Based on Efficient Multialgorithmic Fusion Technique", International Journal on Computer Application, vol. 13, no. 5, pp. 24-31, Feb 2011.
 14. **Ujwalla Gawande**, Mukesh Zaveri, Avichal Kapur, "Score based iris recognition technique", IT journal of research (National Journal), ISSN 0976-3244, vol. 1, No.1, May 2010.
 15. **Ujwalla Gawande**, Mukesh Zaveri, Avichal Kapur, "Iris Recognition Techniques: An Overview", International Journal on Information Technology (IJIKTM), Kurukshetra, India, April 2009.
 16. **Ujwalla Gawande**, "Iris Recognition Using Support Vector Machine", National Conference - NCOAT NIRMITI PIET, Nagpur, 9th - 10th Feb 2010.
 17. **Ujwalla Gawande**, Mukesh Zaveri, Avichal Kapur, "Iris Recognition Techniques: An Overview", in Proceeding of International Conference on Information and Communication Systems ICICS, Macau, 7th - 10th Dec 2009.
 18. **Ujwalla Gawande**, Mahendra Patil, "Software Engineering Approach to an Integrated Solution for Flood Disaster Management", in Proceeding of International Conference on SKIMA 08, Kantipur College of Engineering, Dhapakhel, Lalitpur, Nepal, 18th - 22nd March 2008.
 19. **Ujwalla Gawande**, and Shardha Chabbdiya, "Design of Embedded System for Capturing the Image in the Eye, processing it and Projecting the Image in Same Direction of View, along with some Additional Information", National Conference - NCETIT 08, P.E.S. College of Engineering, Department of IT, Aurangabad 28th - 29th January 2008.
 20. **Ujwalla Gawande**, "Feature Extraction Based on iDistance: Improving the performance of Multimedia Database", National Conference - SVKS, SVKM's NMIMS University & SVKM's, D. J. Sanghvi college of Engineering, Mumbai, 1st - 3rd March, 2007
 21. **Ujwalla Gawande** and Sanjay Bonde, "Design of embedded system for capturing the interior image in the eye and superimposing additional information", National Conference - SPARK 2007, National Conference K.D.K. College of Engineering, Nagpur, 27th - 28th February, 2007.

13. Sponsored Research Proposal Submitted

Sr. No	Name of Faculty (s)	Funding agency	Title	Amount	Date of Submission
1	Dr. Ujwala Gawande	AICTE - STTP	STTP on "Research Methodology and Computational Techniques"	411,815	29th Dec 2019
2	Dr. Ujwala Gawande	Empowerment and Equity Opportunities for Excellence in Science	A novel and Efficient Real-time approach to Pedestrian Detection and Tracking of Suspicious Pedestrian Behaviors in Video Surveillance System	37,73,683	09-May-2019 (Under 2 nd Review)
3	Dr. Ujwala Gawande	AICTE - STTP	STTP on "Recent trends in Machine Learning and computational Intelligence"	5 Lacs	24.11.2017
4	Dr. Ujwala Gawande	MGI Inhouse – Minor patentable project	IOT based Smart Video Surveillance System	18,000.00	14/09/2017 (Received)
5	Dr. Ujwala Gawande	AICTE – RPS	Scale and Rotational Invariant Approach for Human Detection and Tracking in Video Surveillance System	5,18,300/- Lacs	9 th January 2017
6	Dr. Ujwala Gawande	AICTE – SG	Open source Tools	1 Lac	9 th January 2017
7	Dr. Ujwala Gawande Prof. Yogesh Golhar Prof. Kamal Hajari	Meity - SERB, Ministry of Electronics and Information Technology	Scale and Rotation Invariant Approach for human detection and its tracking in video Surveillance System	3,00,000/-	28 th October 2016
8	Dr. Ujwala Gawande Prof. Kamal Hajari Prof. Yogesh Golhar	BRNS	Improving Iris Recognition Performance using Inter Radial Segment based Feature Extraction method	26,000,00 /-	5 th October 2015
9	Dr. Ujwala Gawande	Scheme for Young Scientists and	Unhealthy Region of Plant Leaf Detection using Image	10,00,000/-	15 th October 2015

		Technologists	Processing Techniques		
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14. Short Term Courses/Workshops/STTPs/FDPs Participation: 36

Sr. No.	Name of Seminars /Workshops/STTP/ FDP	Institute	Dates	Duration
1	AICTE Sponsored Two Week FDP on “ Computational Linguistics : Techniques and Applications	Department of Information Technology of Shri Ramdeobaba College of Engineering and Management , Nagpur	2nd to 14th December 2019	2 weeks
2	Workshop On “Kalam Impact Level 3 – Pilot Batch	MGI, Nagpur	25 – 27 July 2019	3 Days
3	STTP on Information Retrieval and machine learning for IR	VNIT, Nagpur under TEQIP III -	17-21 June 2019	5 Days
4	Workshop on agile way of working and design thinking	TCS, Nagpur in collaboration with IEEE Nagpur chapter	20-25 May 2019	6 Days
5	Aanand Shalaa – Research for Resurgence – An workshop for Ph.D. Supervisors	RTMNU, University Campus	25th Jan 2019	1 Day
6	ACM Annual day 2018 – Curriculum development workshops, IRIS, Key note speeches	YCCE, Nagpur, VNIT, Nagpur, Persistent Nagpur	15 – 17 Feb 2018	3 Days
7	Redefining Vision and Mission Statements of the Institution and Departments	YCCE, Nagpur	02 & 03 Feb. 2018	2 Days
8	Workshop On “Kalam Impact Level 2 – Pilot Batch	MGI, Nagpur	19 – 21 April 2018	3 Days
9	Training Programme on sexual Harassment	Maharashtra state commission for women, RTMNU, Nagpur	Jan 2017	1 Day
10	CO Attainment Workshop	YCCE, Nagpur	24 March 2018	
11	Biomedical Data Analytics	IIT, Kharagpur	11-17 Sep 2017	7 Days
12	Workshop on “Applications of “Internet of things” in Multidisciplinary Domain”	YCCE, Nagpur	5 Aug 2017	1 Day
13	FDP on The Kalam Impact Faculty Development Programme	MGI, Nagpur	3 rd – 5 th July, 2017	3 Days
14	Research Activities at MGI: Interactive Workshop	YCCE, Nagpur	24 th June 2017	1 Day
15	Workshop on “Outcome based	DMIMS, Nagpur	27 th Feb 2017	1 Day

	Education”			
16	FDP on “Application Development”	TCS, Mihan, Nagpur	16 th Jan 2017	1 Day
17	5 Days workshop on “Designing Intelligent system”	CSE, VNIT, Nagpur	3 rd – 7 th Dec 2016	5 Days
18	One-day workshop on NPTEL	PCE, Nagpur & IIT Madras	24 th Sep 2016	1 Day
19	ISTE Short Term Training Programme (STTP) on “Wavelets and its Application”	YCCE	28 th April – 4 th May 2016	6 Days
20	TWO - WEEK ISTE Short Term Training Programme (STTP) on Pedagogy for Effective use of ICT in Engineering Education in moodle.	MHRD, IITB, YCCE	Face to Face interaction at Remote Centers: 5 th - 7 th January 2015 and 19 th - 21 st January 2015. Online activities from your own place: 8 th - 18 th January 2015 and 22 nd - 31 st January 2015.	26 Days
21	FDP ON ERP overview and Project Management	TCS, YCCE	17 th Dec 2014	1 Day
22	Workshop on “Effective and Strategic Leadership for Excellence”	MGI	21 st – 22 nd , Nov 2014	2 Days
23	FDP on Agile Software Development Methodologies	TCS, YCCE	13 th Sep 2014	1 Day
24	Big Data	TCS, YCCE	9 th March 2014	1 Day
25	Aakash workshop	Y.C.C.E, Nagpur	Oct 2012	1 Day
26	Mission10x – by WIPRO	Y.C.C.E, Nagpur	15 th June to 17 th June 2009	3 Days
27	Campus Connect Program – Infosys	Y.C.C.E, Nagpur	11 th Aug to 13 th Aug 2008	3 Days
28	STTP on Digital & video Image Processing using Matlab & Simulink	Y.C.C.E, Nagpur	24 th Nov to 29 th Nov 2008	6 Days
29	“Machine Learning and Soft Computing Technologies”	SVNIT, Surat	Dec 2009	6 Days
30	National Workshop on Technology in Health Care: Prospects and Challenges	IIT Kharagpur	8 th Nov 2008	1 Day
31	Recent Trends and Techniques in Medical Imaging and Image Processing	IIT Kharagpur	3 rd – 7 th Nov 2008	5Days
32	PREPARE FUTURE	CDAC, Hyderabad	12 th May to 7 th June 2008	24 Days
33	Research Methodologies in	Y.C.C.E, Nagpur	29 th – 30 th Jan	2 Days

	Engineering and Technology		2008	
34	OOAD using Rational Rose	ZenSOFT, Pune	24 th – 25 th Nov 2007	2 Days
35	FDP on Open Source and IBM Community edition Software for project development.	Y.C.C.E	2 nd – 3 rd Aug 2007	2 Days
36	Red Hat Certified Course(R.H.C.E.) on Linux	Magnum	11 th June 2007 to 5 th July 2007	24 Days

15. Seminar/Workshops/STTPs/FDPs, etc. organized: 60

Sr. No.	Name of Seminars /Workshops/STTP/FDP	Institute	Period	Portfolio
1	National Conference on “One Health” – 21st Maharashtra State Conference of IAPSM & IPHA Maharashtra Branch and IAPSM Young Leaders National Conclave	YCCE & DMIMS (DU)	5-8 March 2020	Organizing Committee Member
2	One day workshop on MATLAB	YCCE	28.12.2019	Organizer and Speaker
3	Awareness programme on various funding scheme	YCCE	6.8.19 & 10.8.19	Vertical Leader, Experimental Research, R&D Cell, MGI
4.	Awareness programme on various funding scheme	R.G.C.E.R, Nagpur	22.7.19	Vertical Leader, Experimental Research, R&D Cell, MGI
5.	Awareness programme on various funding scheme	S.D.M.C.A. , Nagpur	22.7.19	Vertical Leader, Experimental Research, R&D Cell, MGI
6.	Awareness programme on various funding scheme	DMIMS, Nagpur	3.8.19	Vertical Leader, Experimental Research, R&D Cell, MGI
7.	Awareness programme on various funding scheme	DMIETR, Wardha	1.8.19	Vertical Leader, Experimental Research, R&D Cell, MGI
8.	Workshop on Latex	YCCE	27 th Feb 2019	Organizer
9	ACM Annual day 2018 – Curriculum development workshops, IRIS, Key note speeches, ACM Annual Day 2018, in association with VNIT and Persistent CS Pathsala 1.Workshop on "Bringing computational thinking to Indian schools" 2.iSIGCSE Workshop on "Computing	YCCE, Nagpur, VNIT, Nagpur, Persistent Nagpur	15 th – 17 th Feb 2018	Co-Coordinator

	Curricula for India"			
10	Android App Development exhibition cum competition	YCCE	27th Jan 2018	Organizer
11	"STTP on High Performance Computing using Parallel, Distributed and Cloud Computing (HPCPDC2)"	YCCE	18 th – 23 rd Dec 2017	Convener
12	Workshop on "Aptitude Development and Logical Reasoning"	YCCE	30 th Sep – 2 nd Oct 2017	Organizer
13	Workshop on "Android App Development"	YCCE	25 th -27 th Sep 2017	Organizer
14	Workshop on "My SQL & Java script"	YCCE	26 th Aug 2017	Organizer
15	Workshop on "MATLAB for IoT and Data Analytics - Technology Development"	YCCE	23 rd Aug 2017	Organizer
16	SDP on "E commerce website Development"	YCCE	17 th Aug 2017	Organizer
17	Workshop on "Applications of "Internet of things" in Multidisciplinary Domain"	YCCE	5 th Aug 2017	Organizer
18	Induction Programme	YCCE	8 th July 2017	Organizer
19	STTP on "Quantitative Methods of Computer Applications"	YCCE	27 th June – 1 st July 2017	Co-Convener
20	ACM – STTP on "Advanced Trends and Technologies in Computer Networks (ATTCN)"	YCCE	17 th – 22 nd April 2017	Convener
21	Seminar on "Various applications of advanced Technologies in IT Field"	YCCE	15 th March 2017	Coordinator
22	Workshop on "Text editing using Latex"	YCCE	23 rd – 24 th Jan 2017	Coordinator
23	Workshop on "Introduction to BI"	YCCE	15 th – 16 th Dec 2016	Coordinator
24	ISTE Short Term Training Programme (STTP) on "Research Methodology in Natural Language Processing"	YCCE	14 th – 19 th Nov 2016	Convener
25	Webinar on "Open source tools in IOT"	YCCE	18 th Oct 2016	Coordinator
26	Seminar on "Value Added courses"	YCCE	22 nd Sep 2016	Coordinator
27	Workshop on "Project Development with Java"	YCCE	21 st Sep 2016	Coordinator
28	Peer to peer learning – "Web development and designing"	YCCE	15 th Sep – 30 th Oct - Every sat	Coordinator

			one hour Sessions	
29	Peer to peer learning - Concepts of C++ and Java	YCCE	7 th , 21 st Sep – 4 th Oct 2016 – 2 hrs session on every Wednesday	Coordinator
30	Induction Programme	YCCE	22 nd Aug 2016	Coordinator
31	Aptitude Development (WAD 2016)	YCCE	12 th -13 th Aug 2016	Coordinator
32	Seminar on “Changing Scenario of IT with its personal Experience”	YCCE	18 th Aug 2016	Coordinator
33	A Two days’ workshop on “MATLAB R2016a (9.0)”	YCCE	1 st – 2 nd Aug 2016	Coordinator
34	1 day workshop on “Pattern Recognition”	YCCE	29 th July 2016	Coordinator
35	Guest Lecture on “Application of Formal Techniques in Software Testing” - Dr. Sujit Kumar Chakrabarti, Assistant Professor, International Institute of Information Technology, Bangalore (IIITB).	YCCE	22 nd July 2016	Coordinator
36	ISTE Short Term Training Programme (STTP) on “Wavelets and its Application”	YCCE	28 th April – 4 th May 2016	Convener
37	WEBINAR ON “Machine Learning-Latest Technology”	YCCE	18 th Feb 2016	Coordinator
38	Student Development Programme on “Digital 5 Forces - Current Changes/Trends in Technology and platform scenarios	YCCE	4 th Feb 2016	Coordinator
39	Webinar on “Free Industry Expert Session on Financial Technology & MIS”	YCCE	29 th Jan 2016	Coordinator
40	Seminar on “Advance Java”	YCCE	28 th Jan 2016	Coordinator
41	Guest Lecture on “Advance OOPs and Intro to J2SE (Topic)”	YCCE	27 th Jan 2016	Coordinator
42	FDP on “Machine Learning with R” - ACM	ACM + YCCE	4 th – 9 th Jan 2016	Co - Convener
43	FDP on “Cloud Computing” – Under MoU of TCS with YCCE	Under MoU of	29 th – 30 th Oct 2015	Convener

		TCS with YCCE		
44	ISTE approved STTP on Recent Trends in Computer Vision	YCCE	20 th – 24 th April 2015	Coordinator
45	Workshop on Forest Networking	YCCE	9 th – 10 th Jan 2015	Coordinator
46	Workshop on Sixth sense robotics	YCCE	4 th – 5 th Jan 2014	Coordinator
47	Workshop on Ethical Hacking by Ankit Fadia	YCCE	25 th Oct, 2013	Coordinator
48	Kala Inauguration and workshops	YCCE	7 th , 8 th , 14 th – 15 th Sep 2013	Coordinator
49	Workshop on MATLAB	CT Deptt. Y.C.C.E	26 th – 29 th Dec 2009	Coordinator
50	Workshop on Routing and Hacking Concepts	CT Deptt. Y.C.C.E	31 st Dec 2009	Coordinator
51	Workshop on Robotics	CT Deptt. Y.C.C.E	19 th – 20 th Feb 2010	Coordinator
52	Refreshing course for DB2	CT Deptt. Y.C.C.E	18 th Jan 2010	Coordinator
53	Workshop on Dot Net	CT Deptt. Y.C.C.E	11 th and 16 th Jan 2010	Coordinator
54	Workshop on Ethical Hacking	CT Deptt. Y.C.C.E	20 th – 21 st Feb 2010	Coordinator
55	A three Days workshop on “DB2”	Y.C.C.E	29 th – 31 st Aug 2009	Coordinator
56	Current trends in teaching styles	Y.C.C.E	12 th Jun 2008	Supporting Faculty
57	Current trends in teaching styles	Y.C.C.E	28 th Jun 2008	Supporting Faculty
58	QUEST W 2007, Rational Rose	Y.C.C.E	15 th – 18 th Dec 2007	Supporting Faculty
59	QUEST W 2007, Linux	Y.C.C.E	11 th – 14 th Dec 2007	Coordinator
60	IBM Academic Initiative	Y.C.C.E	2 nd – 3 rd Aug 2007	Supporting Faculty

16. Invited talks/Guest lectures/Session chair: 23

Sr. No.	Particulars	Organizer	Duration (From Date-To Date)	Remark
1.	Expert Lecture in STTP ON “Cognitive Internet of Things”	Department of Computer Science & Engineering, RG CER,	16-21 Dec 2019	Expert Lecture on Machine Learning on 18.12.2019

		Nagpur, in association with ACM		
2.	Awareness programme on various funding scheme at Y.C.C.E., Nagpur	R&D Cell, MGI, Nagpur	6.8.19 & 10.8.19	As a vertical leader of Experimental Research
3.	Awareness programme on various funding scheme at R.G.C.E.R, Nagpur	R&D Cell, MGI, Nagpur	22.7.19	As a vertical leader of Experimental Research
4	Awareness programme on various funding scheme at S.D.M.C.A., Nagpur	R&D Cell, MGI, Nagpur	22.7.19	As a vertical leader of Experimental Research
5	Awareness programme on various funding scheme at DMIMS, Nagpur	R&D Cell, MGI, Nagpur	3.8.19	As a vertical leader of Experimental Research
6	Awareness programme on various funding scheme at DMIETR, Wardha	R&D Cell, MGI, Nagpur	1.8.19	As a vertical leader of Experimental Research
7	Judge in National Level Project Competition	P.C.E, Nagpur	16.3.19	Judge
8	Session chair in National Level conference "SPANDAN - 19"	Y.C.C.E, Nagpur	25.3.19	Jury
9	Expert Lecture on "Future of AI"	G.H. Raisoni Institute of Engineering and Technology, Nagpur	4.2.19	As an Expert
10	Awareness session on Sexual Harassment - for 1 st year students	SDMP, Nagpur	5.3.18	As a chairman of Sexual Harassment Redressal Committee and Internal Complaint committee, Y.C.C.E., Nagpur
11	Awareness session on Sexual Harassment - for 1 st year students	SDMP, Nagpur	5.3.18	As a chairman of Sexual Harassment Redressal Committee and Internal Complaint committee, Y.C.C.E., Nagpur
12	Guest Lecture on "Future of Artificial Intelligence"	DMIETR, Wardha	9.2.18	As an Expert
13	Invited talk on Introduction to research methodology in STTP on "Exposure to research areas in the field of Natural Language	IT, YCCE, Nagpur"	14 - 19 Nov 2016	As an Expert

	Processing”			
14	Expert Lecture on “Introduction to Neural Network” on 6/4/17 in STTP on “Advanced Soft Computing and Optimization Approaches in Multidisciplinary Engineering Applications”	Electronics Engg., YCCE, Nagpur	3 rd – 8 th April 2017	As an Expert
15	Technical Session Chair - TLHTicon-2017 - Int. Conf.	DMIMS Wardha	9-10 Jan 2017	Session Chair
16	Expert Lecture on “Research: Why & How” in STTP on “Natural Language Processing”	YCCE, Nagpur	14 th – 19 th Nov 2016	As an Expert
17	Expert Lecture on “Outcome Based Education” in Induction Program for 2nd year students	YCCE, Nagpur	22nd Aug 2016	As a HOD, IT, Y.C.C.E., Nagpur
18	Expert Lecture on “Multimodal Biometric System” in ISTE approved STTP on “Recent Trends in Computer Vision”	YCCE, Nagpur	20th – 24th April 2015	As an Expert
19	Guest Lecture on “3 D Graphics and Curves”	DBACER, Nagpur	22nd Sep 2014	As an Expert
20	Expert Lecture on “Emerging Trends in Biometrics via Image Processing” in International Conference on “Empowering Trends in Computer, Information Technology & Bioinformatics”	International Journal of Computer, Information Technology & Bioinformatics (e-Journal, ISSN 2278-7593), G.H. Raisoni Institute of Engineering & Technology For Women, Nagpur	19th April 2014 at 10.00 am	As an Expert
21	Expert Lecture on “Biometric Analysis” in STTP on “Image Processing with practical applications”	YCCE, Nagpur	1 st Dec 2011	As an Expert
22	Expert Lecture on “Neural Network” in MATLAB Workshop	YCCE, Nagpur	28 th Dec 2009	As an Expert
23	Expert Lecture on “Current trends in	YCCE, Nagpur	28 th Jun 2008	As an Expert

	software” in workshop on “Current trends in IT”			
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**17. Administrative Experience/Responsibilities shouldered at Sanstha/
Institute/ Department level : 66**

Sr. No.	Responsibilities	Position	Level	Year
1	YASH 2020	Disciplinary committee member	College	2019-20
2	Member of AWL Audit Committee	Member	Sanstha	2019-20
3	Experimental Research, R & D, MGI	Vertical Leader	Sanstha	2019-20
4	International Conference on Applications in Science and Technology - ICAST 2020	Programme and Publicity Chair	College	2019-20
5	New Experimental Set-ups establishment in department labs, R & D, MGI	Incharge	College	2019-20
6	College Magazine “Insurgo”	Incharge	College	2019-20
7	NBA - Department Level	Coordinator	Department	2019-20
8	IRO - Department Level	Coordinator	Department	2019-20
9	Website and Digital Marketing, Y.C.C.E.,	Coordinator	Department	2019-20
10	Departmental Level Audit	Chairman @ RGCER, Nagpur	Sanstha	2019-20
11	PQAI	Chairman PQAI, IT, RGCER	Sanstha	2018-19
12	SPANDAN - 19 National Level conference	Proceeding Incharge	College	2018-19
13	Ph.D.	Scholars selection member, IT Department	University	2018-19
14	YASH 2019	Disciplinary committee member	College	2018-19
15	College Magazine “Insurgo”	Incharge	College	2018-19
16	R & D Cell at MGI Level - Organizing Programmes based on R & D needs	Coordinator	Sanstha	2018-19
17	NBA - Department Level	Coordinator	Department	2018-19

18	Website Incharge- Department Level	Coordinator	Department	2018-19
19	SPANDAN 19 - National Level conference	Paper reviewer	College	2018-19
20	SPANDAN 19 - National Level conference	Session chair	College	2018-19
21	Assessment of seminar, UG mini and major project	Member DPRC	Department	2018-19
22	BOS in IT	BoS Member	Department	2018-19
23	Drafted CO's (new) for AI & NNFL, UG Programme	DCC Member	Department	2018-19
24	Prepared E-Question Bank for AI and got it validated from Dr. U.A.Deshpande, Professor, V.N.I.T, Nagpur	As a course Teacher	Department	2018-19
25	Prepared E-Question Bank for CG and got it validated	As a course Teacher	Department	2017-18
26	International Conference on Applications in Science and Technology - ICAST 2019	Programme and Publicity Chair	College	2017-18
27	College Magazine "Insurgo"	Incharge	College	2017-18
28	College Magazine "Insurgo"	Incharge	College	2016-17
29	Department of Information Technology, YCCE, Nagpur	HOD IT	Department	2015-16 2017-18
30	YCCE Alumni Portal	Coordinator	Sanstha	2016-17 2017-18
31	Internal Complaint Committee	Chairman	College	2017-18 2016-17
32	Sexual Harassment Committee	Chairman	College	2017-18 2016-17 2015-16 2014-15 2013-14
33	R & D Cell at MGI Level	Member	Sanstha	2017-18
34	Institutional level MSE committee	Member	College	2016-17 2015-16
35	Institutional Coordinator - IRO	Coordinator	College	2015-16 2014-15
36	3 rd Graduation Day 2 nd Graduation Day 1 st Graduation Day	Committee member	College	2016-17 2015-16 2014-15
37	2 nd International Conference on Model United Nations	Committee member	College	2015-16
38	R&D - Department Level	Chairman	Department	2015-16 2017-18
39	BOS - Department Level	Chairman	Department	2015-16 2017-18

40	Model United Nations – An International Conference	Convener	College	2014-15
41	Student activity, YCCE	Incharge	College	2014-15 2013-14
42	Academic council of YCCE	Member	College	2016-17 2015-16 2014-15
43	College Magazine	In charge	College	2014-15
44	Board of Studies (CT)	Member Secretary	Department	2014-15 2013-14 2012-13
45	NBA	Coordinator	Department	2012-13
46	Documentation	Incharge	Department	2014-15 2013-14 2012-13
47	DLA	Incharge	Department	2014-15 2013-14 2012-13
48	Vigilance Squad	Member	College	2014-15 2013-14
49	Members for various audit committee (like DLA, DTEL)	Member	College	2014-15 2013-14
50	Leader of “Digital Image Processing”, Group (Thrust area)	Leader	Department	2014-15 2013-14 2012-13
51	Faculty Magazine Incharge “Dhyaas”	Incharge	Department	2013-14 2012-13 2010-11 2009-10 2008-09
52	ITAC 2012 (International Conference)	Publicity Chair	College	2011-12
53	TEQIP work of department	Incharge	Department	2010-11 2009-10
54	CTSC and ACM Faculty Incharge	Incharge	Department	2009-10
55	Faculty coordinator for COMPUFEST 2010 and Faculty Co-coordinator for COMPUFEST 2009	Faculty coordinator	Department	2009-10 2008-09
56	Managing the database of student activities	Faculty coordinator	Department	2009-10 2008-09
57	First year autonomy board	Member	Department	2009-10 2008-09
58	Prepare End Term Report	Faculty coordinator	Department	2009-10 2008-09
59	Elective Incharge	Incharge	Department	2009-10 2008-09
60	Academic Audit Preparation	Incharge	Department	2009 - 10

61	Part of Design of Syllabus (for Autonomy)	Incharge	Department	Every Year
62	GATE Club	Incharge	Department	2007-08 2006-07
63	Sessional	Incharge	Department	2008-09 2007-08 2006-07
64	Core committee member for Preparation of NBA	Member	Department	2008-09 2007-08
65	Spandan	Reviewer	College	Every Year
66	Faculty co-coordinator for ACM	Co-coordinator	Department	2007-08

16. Visits to Institutes of repute and industrial visits

Name of the Institute/Industry	Date(s) visited	Brief of departments and facilities observed	No. of students with you if any	Purpose
TCS, Mihan Nagpur Unit	4 th Feb 2016	--	60	To know about the working environment of TCS
STPI, Nagpur	24 th Dec 2017	Server Room and Distribution of bandwidth via various transmission media	21	To know how bandwidth has been distributed to several industries for data Transmission.
TCS, Bangalore	28 th Feb – 5 th March 2010	Different Problem definitions and project work carried out was observed and study the IT environment	29	To make student aware of latest technologies workout in industries

17. Consultancy

Session 2017-18: 3.2 Lakhs

S. N .	Name (s) Faculty	Area of Consultancy	Nature of Work	Name of Industry/ Institute	Durati on in mm/yy	Amount Received	Present Status
1.	Dr. Ujwalla Gawan de	Networki ng	Network security, Network audit and consultancy in wire and wireless networks	ADCC INFOCAD Ltd., Nagpur	1 Year	1.7 Lakh (12.3.18)	completed
2.	Dr.	Networki	Network	SDMCA,	1 Year	1.5 Lakh	completed

	Ujwalla Gawan de	ng	security, Network audit and consultancy in wire and wireless networks	Nagpur		(12.3.18)	
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Session 2016-17: 2 Lakhs

S. N.	Name (s) Faculty	Area of Consultancy	Nature of Work	Name of Industry/ Institute	Duration in mm/yy	Amount Received	Present Status
1.	Dr. Ujwalla Gawan de	Networki ng	Network security, Network audit and consultancy in wire and wireless networks	ADCC INFOCAD Ltd., Nagpur	1 Year	01 Lakh (6.3.17)	completed
2.	Dr. Ujwalla Gawan de	Networki ng	Network security, Network audit and consultancy in wire and wireless networks	SDMCA, Nagpur	1 Year	01 Lakh (18.3.17)	completed

Session 2015-16: 2.5 Lakhs

S. N.	Name(s) Faculty	Area of Consultancy	Nature of Work	Name of Industry/ Institute	Duration in mm/yy	Amount Received	Present Status
1	Dr. Ujwalla Gawan de	Networki ng	Network security, Network audit and consultancy in wire and wireless networks	ADCC INFOCAD Ltd., Nagpur	1 Year	01 Lakh (5.3.16)	completed
2	Dr. Ujwalla Gawan de	Networki ng	Network security, Network audit and consultancy in wire and wireless networks	SDMCA, Nagpur	1 Year	1.5 Lakh (22.3.16)	completed

18. Organized - Visiting Professor Scheme

Year	Name of Visiting Professor with Affiliation	No. of Visiting Hours in College
2017-18	Dr. Ravi Bhushan Mishra, Professor, Computer Science & Engineering Department, Indian Institute of Technology, Varanasi (BHU)	27 Hrs. 15 - 17 Mar 2018
2016-17	Dr. Jayanta Mukhopadhyay, Professor, Department of Computer Science & Engineering, IIT Kharagpur	50 Hrs. 16-21 Feb 2017
2015-16	Dr. K. K. Shukla, Professor & Head, Department of Computer Science & Engineering, IIT (BHU), Varanasi	40 Hrs. 22 – 26 Feb 2016

19. Extra-Curricular Events Organized: 32

Sr. No.	Name of Events	Dates	Number of participants	Details
1	Women's Day Celebration Programme	27th March 2018	1000	For all girl students and ladies staff of YCCE. Seminars were on Self Defense, Hygiene and Nutrition's, Role plan on "SAVE GIRL CHILD"
2	Makar Sankranti Celebration Programme	15th Jan 2018	200	For all ladies staff of YCCE
3	Cloth Donation Camp	29/9/17-4/10/17	500 + cloths + 100 volunteers	Distributed to needy people on the occasion of Diwali
4	Blood Donation camp	7th July 2017	150	--
5	Women's Day Celebration Programme consisting of three seminars	8th March 2017	1000	For all girl students of YCCE 3 speakers Dr. Shantala Bhole, MBBS, DGO and Gynecologist (Udaan NGO), "Common problems in girls and Heath Education" Dr. Rohini Patil, Obstetrician & Gynecologist (MBBS, MD), Nagpur. (Snehanchal NGO), "Awareness about Cervical and Breast Cancer" Ms. Vaishali Kelkar, "Awareness about Sexual Harassment"
6	Cervical Cancer awareness Programme	7 Jan 2017	100	For ladies staff of YCCE, Speaker - Dr. Rohini Patil, Obstetrician & Gynecologist (MBBS, MD), Nagpur. (Snehanchal NGO)
7	Cloth Donation Camp	17 - 22 Oct 2016	800 + Cloths	Distributed to needy people on the occasion of Diwali
8	Blood Donation Camp	20th July 2016	168	--
9	Seminar on stress	3/9/15	150	Speaker - Padmashree Dr. Vikas Mahatme

	management and science of happiness			
10	Seminar on Happiness Program under Art of Living	10/9/15	150	Speaker - Prof. Nikita Hatwar, HOD IT, PCE
11	Talent Hunt 2014	14 th Aug 2013	149	Organized by YCCE & Times of India 2 winners from YCCE (2 nd runner up - Jeenefore Nikulang CT and first prize - Rutuja - Civil)
12	Anti-Smoking Campaign	29 th -30 th Aug 2013	150	SMOKE - Support the movement to kill cancer, by IIT Bombay & YCCE Guest Lecture by - Dr. Smita Gupte, Onthologist
13	Kaala Inauguration and workshops	7 th , 8 th , 14 th - 15 th Sep 2013	100	Dance :-Priyanshu Thakur (india's got talent, dance maharashtra dance fame) Music:-Varad and Rohan(music producers)/neil ingale(indian idol fame) Art n craft:-Sameer Hejib Acting:-Sameer Hejib Photgraphy:-Sanjib Ganguly/Rupnarayan Verma
14	I vote for better India Campaign	20 th Sep - 5 th Oct 2013	1800 registration for voter ID card	The initiative being led by volunteer for a better India - a pan-india social initiative that aims of increasing the awareness and importance of voting in society, especially the youth and thereby develop a sense of responsibility towards the country.
15	CM Meet	15 th Dec 2013	12 students + 5 faculties	Hno. CM interacted with youth at SFS College, Seminary Hills
16	Blood donation camp	20 th Dec 2013	132	Camp is organized with Ayush blood bank
17	Flash Mob	29 th Dec 2013	300	At futala, Theme - "SAVE GIRL CHILD"
18	YASH 14	29 th Jan - 1 st Feb 2014	1000	Techno Cultural sports Fest
19	Blood donation camp	12 th July 2014	27	Sawagi Meghe (for faculties and supporting staff)
20	Blood donation camp	17 th July 2014	26	Ayush Blood bank (for students)
21	Transforming India through Science and Technology	29 th July 2014	4 Faculty + 50 students	Dr. APJ Abdul Kalam's programme
22	Fresh Face - Talent Hunt show 2015	1 st Aug 2014	200 +	Times of India
23	TEDx YCCE	23 th Aug 2014	50	TEDx US

24	RTI (Right to Information)	9 th -10 th Sep 2014	600	IIT Bombay
25	Seminar on the key to a successful higher education in the united state	25 th Sep 2014	100	Jess Walter – vice council (US counsellate) Himanshu dev – senior education advisor (US India education foundation) Michelle Morezello – US Counsellate in Mumbai
26	Rehabilitated kashmir	20 th -16 th Oct 2014	534 clothes Donated	Flood victims of Jammu and Kashmir. (drive)
27	Swatchata Abhiyan at SoS ground	12 th Nov 2014		Staff contributed
28	Tyro Kick	10 th Jan 2015	50 teams	Sports Team
29	YASH 15	15 th – 22 nd Feb 2015	1000	Techno Cultural sports Fest
30	Model United Nations – An International Conference	30 th – 31 st May 2015	500 Delegates	MUN, is an educational simulation and academic competition in which students learn about diplomacy, international relations, and the United Nations. MUN involves and teaches research, public speaking, debating, and writing skills, in addition to critical thinking, teamwork, and leadership abilities. This MUN will mainly consist of 4 committees as follows :- 1. General Assembly (GA) 2. World Health Organization (WHO) 3. Human Rights Council (HRC) 4. Aman Ki Asha
31	Personality Development	--	80	Coordinator
32	Positive Thinking	--	-65	Coordinator

1. References

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-----Declaration-----

I hereby declare that the information given above is true to the best of my knowledge & belief.

A handwritten signature in blue ink, appearing to be 'U.H. Gawande', written over a horizontal line.

(Name of Faculty)
Dr. U.H.Gawande

Place: Nagpur
Date: 11 Sep 2019