

Dr. ANAND SAINATH GHULI



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(Open Researcher and Contributor ID)

Google scholar link : <https://scholar.google.com/citations?user=QDhbeaYAAAAJ&hl=en>

Vidwan link : <https://vidwan.inflibnet.ac.in/profile/162727>

OBJECTIVE:

To become a Professor in the department of MCA to display exceptional research, teaching, communication, interpersonal and leadership abilities that will synergistically contribute in enhancing the brand value of the department and Institute as a whole.

EDUCATION:

QUALIFICATION	COLLEGE/SCHOOL	UNIVERSITY/BOARD	YEAR
Ph.D	Visvesvaraya Technological University Research Resource Center, Belagavi (Karnataka)	VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI	2019
MCA	BLDEA's V.P.Dr.P.G.Halakatti College of Engineering and Technology, Bijapur. (Karnataka)	VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI	2003
B.Sc (PME)	S.B.ARTS & K.C.P Science College, Bijapur. (Karnataka)	KARNATAKA UNIVERSITY, DHARWAD	2000

EXPERIENCE (TEACHING): 16+ Years

- Lecturer** : (16.08.2004) – 31.08.2008) DEPARTMENT OF MCA, BLDEA's V.P.Dr.P.G.Halakatti College Engineering and Technology, Bijapur., Karnataka.
- Sr.Gr.Lecturer** : (01.09.2008 – 31.12.2010) DEPARTMENT OF MCA, BLDEA's V.P.Dr.P.G.Halakatti College Engineering and Technology, Bijapur., Karnataka.
- Assistant Professor(Sl. Gr)** : (01.01.2011– 30.06.2021) DEPARTMENT OF MCA, BLDEA's V.P.Dr.P.G.Halakatti College Engineering and Technology, Vijayapur (Bijapur)., Karnataka.
- Associate Professor** : (01.07.2021 – Till date) DEPARTMENT OF MCA, BLDEA's V.P.Dr.P.G.Halakatti College Engineering and Technology, Vijayapur (Bijapur)., Karnataka.

Ph.D THESIS TITLE:

Devising and implementing the digital watermarking schemes for suitability of robustness, fidelity and capacity for color images.

PROFESSIONAL BODY MEMBERSHIP:

- ❖ ISTE (Life Member)
- ❖ IEEE (Member 2020-21)

RECOGNITION:

- ❖ Reviewer for Arabian Journal of Science and Engineering (Springer)
- ❖ Reviewer for Early Childhood Education Journal (Springer)
- ❖ Reviewer for Neural Processing Letters (Springer)
- ❖ Reviewer for Iran Journal of Computer Science (Springer)
- ❖ Reviewer for Journal of Supercomputing (Springer)
- ❖ Doctoral Committee member VTU RRC Belagavi (Belgaum)
- ❖ VTU Recognized Research Supervisor (Ph.D Guide)

SUBJECTS TAUGHT:

MACHINE LEARNING, ARTIFICIAL INTELLIGENCE, OBJECT ORIENTED PROGRAMING WITH C++, DESIGN AND ANALYSIS OF ALGORITHMS, OPERATIONS RESEARCH, OBJECT ORIENTED MODELING AND DESIGN PATTERNS, DIGITAL ELECTRONICS, FUNDAMENTALS OF COMPUTER ORGANIZATION, DATA STRUCTURES USING C, COBOL, C PROGRAMMING, COMPUTER GRAPHICS, DISCRETE MATHEMATICAL STRUCTURES.

SUBJECTS AS AN EXPERT:

Analysis and design of algorithms, Operations research, Object Oriented Modeling and Design, Digital Electronics, C Programing & Data structures, Digital Image Watermarking.

PAPERS PUBLISHED:

(Scopus/SCI indexed journals)

1. Dr. Dayanand G. Savakar, Anand Ghuli (2017) *Secured Non-blind Digital Watermarking with Enhanced Image Embedding Capacity Using DeMeyer Wavelet Decomposition*: International Journal of Pattern Recognition and Image Analysis, ISSN 1555-6212, Volume.26 No.3, July 2017. *Pleiades Publishing*, (**Springer Journal, SCI, Scopus**).
2. Dr. Dayanand G. Savakar, Anand Ghuli (2017), *Serial Digital Color Image Watermarking using Composite Scheme*. International Journal of Image, Graphics & Signal Processing , 2017, 11, 48-61, DOI: 10.5815/ijjgsp.2017.11.06. (**MECS Hong Kong**)
3. Dr. Dayanand G. Savakar, Anand Ghuli (2019), *Robust Invisible Digital Image Watermarking Using Hybrid Scheme*, Arabian Journal for Science and Engineering (Feb-14 2019) 44:3995–4008 (**Springer Journal, SCI, Scopus**).
4. Dr. Anand Ghuli, Dr. Dayanand G. Savakar, Mrs Smita A. Ghuli and Mr. Pandurang H. Biradar (2019), *Teaching and Learning by Object Oriented Modeling in Pre-Primary and Primary School Education*, International Journal of Recent Technology and Engineering (IJRTE), Volume-8 Issue-4, November 2019, pp 3427-3433, ISSN: 2277-3878. (**Scopus**).

5. Anand Ghuli, Dayanand Savakar and Shivanand Pujar (2020), Multiple Digital image watermarking using SWT, FWHT and R,G,B channel: *Innovations in Computational Intelligence and Computer Vision*, Springer Nature Singapore Pte Ltd, 2021. (Book chapter)
6. Anand Ghuli, Damodar Reddy Edla, João Manuel R. S. Tavares (MAY 2021) *Epileptic seizure endorsement technique using DWT power spectrum density* Submitted to **Journal of Super Computing** (Springer Journal SCI, Scopus)Under review

(Google scholar and other indexed)

7. Dr.Dayanand G.Savakar, Anand Ghuli (2014) *Digital Watermarking-A Combined Approach by DWT, Chirp-Z and Fast Walsh-Hadamard Transform*: International Journal of Computer Technology and Applications (IJCTA), ISSN 2229-6093, Vol. 5 No.6, pp 2006-2010. Impact Factor-2.804
8. Dr.Dayanand G.Savakar, Anand Ghuli (2015) *Digital Watermarking as a distributed noise by Discrete Wavelet Transformation, Fast Fourier Transformation and Fast Walsh-Hadamard Transform to study the sensitivity between Robustness and Fidelity*: International Journal of Computer Application (IJCA), ISSN 2250-1797, Vol. 1 No.5,. Impact Factor-3.12
9. Dr.Dayanand G.Savakar, Anand Ghuli (2015) *A Comprehensive Survey on Digital Watermarking - Schemes, Techniques and properties for Color Images*: International Journal of advanced research in Computer science & software engineering (IJARCSSE), Issue 3, Volume 5, ISSN: 2277-128X . Impact Factor-2.080.
10. Dr.Dayanand G.Savakar, Anand Ghuli and Ummesalma Ansari (2015) *Detecting and Identifying the Currency notes using Edge Detection, Segmentation and Artificial Neural Networks*: International Journal of Computer Application (2250-1797) Volume 5– No. 4, June2015. Impact Factor-3.12
11. Dr.Dayanand G.Savakar, Anand Ghuli (2015) *Semi-Fragile Digital Watermarking using Two-Level Discrete Wavelet Transformation and Two-Dimensional Fast Fourier Transformation* : International Journal of Computer Application (2250-1797) Volume 7– No. 5, November 2015. Impact Factor-3.12

12. Dr. Dayanand G. Savakar, Anand Ghuli (2016), *Generic Lossless and Visible Watermarking For Color Images*: International Journal of Innovative Research in Science, Engineering and Technology, Volume 5- No.8, August 2016, ISSN: 2319-8753.
13. Dr. Dayanand G. Savakar, Anand Ghuli (2016), *Implementation of Encryption and Decryption Technique*: International Journal of Science and Research, Volume 5- No.8, August 2016, ISSN: 2319-7064.
14. Dr. Dayanand G. Savakar, Anand Ghuli (2016), *Joint Task Migration and Power Management in Wireless Computing*: International Journal of Science and Research, Volume 5- No.8, August 2016, ISSN: 2319-7064.

(PAPERS PRESENTED AT INTERNATIONAL CONFERENCES OF REPUTE)

15. Anand Ghuli and Pandurang Biradar, "*Synergetic Scheme for Digital Image Watermarking*," 2020 IEEE Bangalore Humanitarian Technology Conference (B-HTC), 2020, pp. 1-6, doi: 10.1109/B-HTC50970.2020.9297847.
16. Anand Ghuli, Dayanand Savakar, Shivanand Pujar. (2021) Multiple Digital Image Watermarking Using SWT, FWHT and R, G, B Channel. In: Sharma M.K., Dhaka V.S., Perumal T., Dey N., Tavares J.M.R.S. (eds) Innovations in Computational Intelligence and Computer Vision. Advances in Intelligent Systems and Computing, vol 1189. Springer, Singapore. https://doi.org/10.1007/978-981-15-6067-5_38.

INTERESTED AREAS TO CONTRIBUTE:

Brain Computer Interfacing, Machine Learning, Artificial Intelligence, Deep Learning, IoT, Data Science and Digital Forensics.

RESPONSIBILITY DELIVERED/DELIVERING AT UNIVERSITY LEVEL:

- ❖ Doctoral Committee member VTU RRC Belagavi (Belgaum)
- ❖ Worked as Chief Superintendent (External) VTU theory exams Jan/Feb/Mar 2021

RESPONSIBILITY DELIVERED/DELIVERING AT INSTITUTE LEVEL:

- ❖ Anti-Ragging Committee squad member (Institute Level)
- ❖ Student Admission Activity Co-ordinator (MCA)
- ❖ Represented the Institute at Reconciliation meeting VTU Belgaum (MCA) 2008-2011
- ❖ Different committee member for Institute level functions
- ❖ Represented the Institute in Patna, Ranchi, Varanasi and Allahabad to promote admission activities for the Institute (June 2010)
- ❖ Organizing member of Aerofest-09
- ❖ Co-ordinator for Conducting Workshop for Graduate students to improve the MCA input
- ❖ Registration committee in-charge for “Vrukshothon 2018” (Marathon) organized by BLDE Association and district administration from 17/02/2018 to 25/02/2018
- ❖ Visited various educational institutes of BCA and BSc for counseling and attracting students for MCA at BLDEA’s CET, Vijayapur. (March-2019)
- ❖ Institute Admission Co-ordinator (December 2019 to February 2020)
- ❖ Nominated as Institute steering committee member (2020)
- ❖ Nominated as Institute Account section In-charge (2019-20)

RESPONSIBILITY DELIVERED / DELIVERING AT DEPARTMENT LEVEL:

- ❖ Incharge HOD (Whenever HOD is on leave)
- ❖ Department Academic Co-ordinator
- ❖ Department R&D Co-ordinator
- ❖ Department NBA Co-ordinator
- ❖ Member Institute Innovation Cell
- ❖ Workload and Time Table Co-ordinator
- ❖ Students’ Project Co-ordinator
- ❖ I.A Test Incharge
- ❖ OOMD Lab Incharge

WORKSHOPS/FDP ATTENDED:

- ❖ Two weeks Faculty development programme on “Path way to understand Object oriented concepts” from 02/02/2006 to 12/02/2006 held at VEC Bellary
- ❖ Two Days Faculty Development Programme Conducted by IBM Bangalore (02/05/2008 to 02/05/2008)
- ❖ Workshop on Intellectual Property Rights Conducted by KSCST IISc Bangalore (25/02/2011)
- ❖ Syllabus setting workshop for M.Sc and M.C.A courses of Rani Channamma University, Belagavi (28/04/2011 and 29/04/2011)
- ❖ Two Days Faculty Development Programme on LaTeX (05-06 May 2012)
- ❖ Two Days Orientation programme for IGNOU Academic counsellors 9-10 March 2013
- ❖ UGC Sponsored National Workshop on MatLab and its Applications, held at G.S.S College Belagavi, 17-18 Jan 2014
- ❖ ISTE-PTU sponsored FDP on Wavelets and its Applications held at BLDEA’s V.P.Dr.P.G.H.C.E.T, Bijapur during 9-13 June 2014
- ❖ FDP on Networking 101 and Network Access Control, held at BLDEA’s V.P.Dr.P.G.H.CET, Bijapur during 18-19 Oct 2014
- ❖ “Recent Advances in Electronics and Communications” held at BLDEA’S CET Vijayapur during 4th to 9th April 2016
- ❖ Trends in Research and Publications on 12th and 13th April 2016
- ❖ “Research methodology and Issues” conducted VTU and held at BLDEA’S CET Vijayapur during 8th to 12th June 2016
- ❖ “Mathematics and its engineering applications” Organized by Mechanical Engineering department in association with ISTE held at BLDEA’s CET Vijayapur during 26-31 January 2017
- ❖ “Cognition and Big data analytics” Organized by Visvesvaraya Technological University, in association with VGST Govt of Karnataka, from 24/07/2018 to 27/07/2018
- ❖ “Machine Learning using Python” Organized by BLDEA’S CET Vijayapur, Sponsored by Visvesvaraya Technological University, Belagavi., from 28/04/2018 to 03/05/2018
- ❖ “Intelligence of Things” AICTE Sponsored and Organized by RIT Islampur., from 19/11/2018 to 24/11/2018

- ❖ “IoT and its applications” from 18/02/2019 to 22/02/2019 organized by Department of ISE BLDEA’s V.P.Dr.P.G.Halakatti college of Engineering and Technology in association with Center for Advanced Studies (CAS) Visvesvaraya Technological University Belagavi, Karnataka
- ❖ Chaired a session in 3rd National Conference on “New trends in Science & Technology” Organized by Department of Science & Technology Govt of Karnataka in association with S.B.Arts and KCP Science college., Vijayapur, Karnataka.
- ❖ Webinar on Cloud Architecture and Concepts held on 16/06/2020 at BLDEA's V.P.Dr.P.G.Halakatti college of Engineering and Technology Vijayapur, Karnataka.
- ❖ Paper presented at IEEE Bangalore Humanitarian Technology conference from 8/10/2020 to 10/10/2020
- ❖ Webinar on Enterprise Architecture Foundation and cloud concepts from 12/06/2020 to 13/06/2020 at BLDEA's V.P.Dr.P.G.Halakatti college of Engineering and Technology Vijayapur, Karnataka.
- ❖ Webinar on An Insight in to Industry and Need for Staying Relevant 17th June, 2020 organized by Department of Computer Science and Engineering.at BLDEA's V.P.Dr.P.G.Halakatti college of Engineering and Technology Vijayapur, Karnataka.
- ❖ 5-day State-Level Online FDP on “Machine Learning” In Association with Computer Society of India, Bengaluru, Machine Learning (18MCA53)” as per MCA VTU syllabus, during the period 27th July to 31st July 2020, organized by the Department of MCA,BMSIT&M, Bengaluru.
- ❖ Webinar on Data bite on 20/06/2020 at organized by Department of Computer Science and Engineering.BLDEA's V.P.Dr.P.G.Halakatti college of Engineering and Technology Vijayapur, Karnataka.
- ❖ Webinar on Software quality on 18/06/2020 at organized by Department of Computer Science and Engineering.BLDEA's V.P.Dr.P.G.Halakatti college of Engineering and Technology Vijayapur, Karnataka.

WORKSHOPS/FDP/SDP CONDUCTED:

- ❖ Worked as a Co-ordinator “National Seminar on Recent Trends in IT 2007” A Faculty Development Programme
- ❖ “Pathway to understand Internet and Applications” Workshop for Graduate students to improve the institute’s MCA input (Co-ordinator and Resource Person)
- ❖ Two days Workshop on Object Oriented Design Patterns for Graduate students to improve the institute’s MCA input (Co-ordinator and Resource Person)
- ❖ Two days Workshop on Software Testing for Graduate students to improve the institute’s MCA input (Co-ordinator)
- ❖ Conducted Training on RSA tool at Tontadarya College of Engineering., Gadag, Karnataka on 5-11-2012
- ❖ Workshop on “OOAD and software development” as a Resource person at SB Arts and KCP Science college, Vijayapur, 27-02-2015
- ❖ FDP on “Research Applications in Matlab” as Resource person held at BLDEA’S CET Vijayapur during 24th to 30th April 2017
- ❖ Series of Lectures conducted at B.C.A - A.S.P Commerce College and S.B.Arts and KCP Science college during Feb-2018 to March-2018
- ❖ A student development programme “ IoT and its applications” organized for students of BCA and BSc from 12/03/2019 to 16/03/2019 (Co-ordinator and Resource Person for one Session)
- ❖ A faculty development programme “ IoT and its applications” organized for Teachers of BCA and BSc from 12/03/2019 to 16/03/2019 (Co-ordinator and Resource Person for one Session)

OTHER WORKS/CONSULTANCY:

- ❖ Visiting Faculty for B.C.A - A.S.P Commerce College and S.B.Arts and KCP Science college Bijapur (2006- 2013).
- ❖ IGNOU Counselor for BCA and MCA (2005 to till date).
- ❖ Worked as Flying Squad for BLDEA’s University’ MBBS and Super Specialization Examinations (2015-2016).

PERSONAL PROFILE:

Name : Dr. Anand S. Ghuli
Date of Birth : 17-04-1978
Gender : Male
Marital Status : Married
Father Name : Shri Sainath S. Ghuli
Nationality : Indian
Present Permanent Address: # 109, "Sainath Sadan"
Near Mallikarjun Ashram
Beside Halakatti Girani
Vijayapur-586103 (Karnataka)
Languages known : Kannada, English, Hindi, Marathi.

DECLARATION:

I hereby declare that the above furnished information is correct to the best of my knowledge.

Date : 30-07-2021
Place :- Vijayapur

(Dr. ANAND GHULI)

Vidwan | Profile Page
vidwan.infibnet.ac.in/myprofile

Employee Id
100553

Orcid Id
0000-0002-4173-0283

Scopus Id
57195681416

Researcher Id
ABD-9764-2020

Google Scholar Id
QDhbeaYAAAAJ

Microsoft Academic Search Id

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Dr ANAND GHULI FOLLOW

Assistant Professor, Department of Computer Applications(M.C.A), BLDEA's V.P. Dr. P.G.Halakatti
Verified email at bldeacet.ac.in
Information Security Image processing Digital image watermarking Object Oriented Modelling ...

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Cited by

Co-authors

Pandurang Biradar
Assistant Professor, BLDEA's V.P. ...

TITLE	CITED BY	YEAR
Robust invisible digital image watermarking using hybrid scheme DG Savakar, A Ghuli Arabian Journal for Science and Engineering 44 (4), 3995-4008	29	2019
Digital watermarking as distributed noise by discrete wavelet transformation, fast Fourier transformation and fast Walsh-Hadamard transform to study the sensitivity between ... DG Savakar, A Ghuli Int. J. Comput. Appl 1 (5), 102-107	17	2015
Non-blind digital watermarking with enhanced image embedding capacity using DMeyer wavelet decomposition, SVD, and DFT DG Savakar, A Ghuli Pattern Recognition and Image Analysis 27 (3), 511-517	15	2017
Digital Watermarking-A Combined Approach by DWT, ChirpZ and Fast Walsh-Hadamard Transform DG Savakar, A Ghuli International Journal of Computer Technology and Applications (IJCTA) 5 (6 ...	9	2014
A comprehensive survey on digital watermarking schemes, techniques and properties for	3	2015

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