

## FACULTY PROFILE

**Name** : Anand H. Unnibhavi



**Designation** : Assistant Professor  
**Department** : Electronics and Communication  
**Employee ID** : 1-462384625  
**E mail ID** : [ahuec@becbgk.edu](mailto:ahuec@becbgk.edu)  
(College official ID), [anandhu.rampur@gmail.com](mailto:anandhu.rampur@gmail.com)  
(Personal mail ID)

**Contact details** : 9986019798  
**Orcid ID** : 0000-0002-0199-0013  
**Scopus ID** : 57195066187  
**Vidwan Id** : 125028  
**Researcher ID (Web of Science)** : AAI-4182-2021  
**Google Scholar ID** : [mqPSnRMAAAAJ](https://scholar.google.com/citations?user=mqPSnRMAAAAJ)

**Qualification** : M.Tech (Ph.D)  
**Professional Experience** : 16  
**Teaching experience** : 15  
**Industry experience** : 1  
**Administrative Responsibilities** : 1. Coordinator and Student advisor for Electronics & Communication Students Association, Basaveshwar Engineering College, Bagalkot. 2011  
2. Coordinator and Student advisor for Electronics & Communication Students Association, Basaveshwar Engineering College, Bagalkot. 2017.  
3. Assisted in NBA, NAAC, and VTU-LIC for documentation at college and department.

**Teaching** : 8  
**No. of Projects Guided** : 18  
**UG** : 14  
**PG** : 4  
**Research Interest** : Speech Processing

**Journals (with citations)** : 1).Smitha K. , Anand H. Unnibhavi,“Fuzzy based Congestion Control in Wireless Network” International Journal of Computer Science and Communication Vol.2 July-December 2011, pp. 469-473.  
2). Anand Mulsalvagi, Anand H.Unnibhavi,“Impact of Relay Nodes on Vehicular Delay Tolerant Network”. International Journal of Computer Science and Communication Vol.2 July-December 2011, pp. 653-

656.(citations-01)

3).Mahaveer Chougala, Anand.H.Unnibhavi “Comparison of conventional MFCC with new Efficient MFCC Extraction Method in Speech Recognition” IPASJ International Journal of Computer Science (IJCS) Publisher for Research Motivation Volume 3, Issue 1, January 2015.(citations-01)

4).Pallavi K.Sajjan, Anand H.Unnibhavi, , “PLC based Automated Flow Control in Cold Drinks Manufacturing Industry”International Journal on Emerging Technologies(special Issue on ICRIET-2016) 7(2):158-163(2016).

5).Rashmi Jakati, Anand Unnibhavi, “AUTOMATION OF LIQUID FILLING AND MIXING/AGITATING SEQUENTIALLY WITH PRE-DEFINED VOLUME USING PLC” IJRET: International Journal of Research in Engineering and Technology eISSN: 2319-1163 | pISSN: 2321-7308 2016.

6).Anand H. Unnibhavi, Dr.D.S.Jangamshetti, “Development of Kannada Speech Corpus for Continuous Speech Recognition ”International Journal of Computer Applications (0975 – 8887) Volume 179 – No.53, June 2018.(Citations-02)

7).Anand H.Unnibhavi, D.S.Jangamshetti, Shridhar K. , “Continuous Speech Recognition System for Kannada Language with Triphone Modelling using HTK”, International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, Volume-8 Issue-3, September 2019.

8).Anand H.Unnibhavi, D.S.Jangamshetti, Shridhar K. , “Triphone Model Based Novel Kannada Continuous Speech Recognition System using Kaldi Tool” , International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-9, July 2020.

## Conferences

- : 1).“Agent based Group agreement scheme in MANET International Conference on Electronic design and Signal Processing (ICEDSP-09), December 11-13,2009.
- 2).Anand H.Unnibhavi, Dr.D.S.Jangamshetti, “ A Survey of Speech Recognition on South Indian Languages”IEEE Conference Precedings, International Conference on Signal rocessing, Communication,Power and Embedded System(SCOPES-2016), ISBN:CFP16H12-PRT/978-1-5090-4619-5,3<sup>rd</sup> – 5<sup>th</sup> October-2016,(citations-06).
- 3).Anand H.Unnibhavi and D.S. Jangamshetti, “LPC Based Speech Recognition for Kannada Vowels”, International Conference On Electronics, Communication, Computer Technologies and Optimization Techniques, December 15-16,ICEECCOT-2017.(citations-06).

## Invited Talks

- : Resource person for “Remedial classes” of MCA Dept final year students in April 2011.

## Conferences/ Symposiums/ Workshops/ Training Programs Attended

- : 1).Digital Transformation in teaching learning process conducted by BEC Bagalkot for 15 days from 16<sup>th</sup> -30<sup>th</sup> March 2020
- 2).Concepts, Methods, Challenges and Future directions in Medical image analysis using Machine learning conducted by SJCE Mysore for 5 days from 10<sup>th</sup> – 14<sup>th</sup> August 2020.
- 3).Research Methodology and LaTeX with Hands-on, conducted by SVCE Bangalore, for 6 days, from 6<sup>th</sup> – 11<sup>th</sup> July 2020.
- 4).Machine Learning Using Python conducted by Reva University for 5 days from 25th - 29th May 2020.
- 5).Mathematical and Statistical Modelling organized by Godavari Institute of Engineering and Technology, Rajamundry Andra Pradesh, for 5 days from 26<sup>th</sup> – 30<sup>th</sup> May 20202.
- 6).MOODLE(Online) TIET conducted by SALEM DT TAMILNADU for 6 days from 4<sup>th</sup> – 9<sup>th</sup> May 2020.
- 7).R.Programming (Online) organised by Sinhgad Insti. SITS Maharashtra

Pune for 6 days from 4<sup>th</sup> – 9<sup>th</sup> May 2020.

8).Online Workshop for Students and Faculty Development Programme On “LaTeX” organised by MIT Barshi for 4 days from 14<sup>th</sup> - 17<sup>th</sup> May 2020.

AICTE-Examination Reform policy conducted by BEC Bagalkot for 02 days from 6<sup>th</sup> – 7<sup>th</sup> May 2020.

9).School On Automatic Speech Recognition(ASR)-2017 organised by IIT Guwahatti for 12 days from 16<sup>th</sup>-28<sup>th</sup> May-2017.

10).WISSAP-2017 organised by IISC Bangalore conducted for 4 days from 26<sup>th</sup>-29<sup>th</sup> Jan. 2017

11).Biology For Engineers organised by IIT Bombay for 4 days from 1<sup>st</sup> - 4<sup>th</sup> Feb 2017.

12).Machine Learning using Python conducted by BVB CET Hubli for 3 days from 3<sup>rd</sup>-5<sup>th</sup> March 2016.

13).Control Engineering workshop organised by IIT Bombay for 3 days from 25<sup>th</sup>-27<sup>th</sup> Feb.2016.

14).Train the trainer” program on Industrial Automation Technology organised by VTU-BR centre of Competence in Automation Technology, Mysore for 27 days from April 1<sup>st</sup> 2010 to April 27<sup>th</sup> 2010

16).IEEE APS Region Distinguished Speaker Programme organised by BEC-Bagalkot for 1 day from 11<sup>th</sup> September 2015.

17).Sustainable Energy Technologies for Academic Campuses organised by BEC-Bagalkot for 2 days from 5<sup>th</sup> - 6<sup>th</sup> June 2015.

18).Outcome Based Education organised by BEC-Bagalkot for 1 day from 18<sup>th</sup> Dec. 2015.

19).Capacity building Towards Quality Teaching and Learning organised by IISC-Bangaluru for 15 days from 25<sup>th</sup>-6<sup>th</sup> December 2013 and 8<sup>th</sup>-10<sup>th</sup> January 2014.

20).WISSAP-2013 organised by IIT-Madras for 4 days from 22<sup>nd</sup>-25<sup>th</sup> Feb.2013

21).VTU-VGST Faculty Development program on Intelligent Instrumentation and Robotics organised by BEC-Bagalkot for 5 days from 26<sup>th</sup> march- 30<sup>th</sup> march 2012.

22).Bosch Rexroth Electric Drives and Controls organised by BEC, Bagalkot for 5 days from 14<sup>th</sup>-18<sup>th</sup> June,2010

24).Effective Teaching practices conducted by BEC, Bagalkot for 3 days from 29<sup>th</sup>- 31<sup>st</sup> Jan.2010

25).Wireless Sensor networks conducted by BEC, Bagalkot for 5 days 24<sup>th</sup>–28<sup>th</sup> Feb.2009.

26).Fundamentals of HDL conducted by BEC, Bagalkot for 2 days from 14<sup>th</sup>–15<sup>th</sup> Feb.2008.

27).Computer network simulation organised by BEC, Bagalkot for 3 days from 21<sup>st</sup>–23<sup>rd</sup> Feb. 2008.

28).Recent advances in Electronics and communication Engg organised by B.L.D.E.A-Bijapur 3 days from 21<sup>st</sup>–23<sup>rd</sup> Sep.2007.

29).Optical and wireless networks organised by I.I.T. Kharagpur for 6 days from 17<sup>th</sup>–22<sup>nd</sup> December,2007.

30).Digital System design using VHDL organised by MCE, Hassan for 1 day from 16<sup>th</sup> Sep-2006.

31).Recent Trends in linear Algebra and its applications to Engineering Problems organised by MCE, Hassan for 5 days from 1<sup>st</sup> – 5<sup>th</sup> Nov.2006.