




H.K.E Society's

**PoojyaDoddappaAppa College of Engineering, Kalaburagi**

## FACULTY PROFILE FORMAT

Personal Details	
<b>Name: Dr. Amareshwari Patil</b>	
<b>Designation: Associate Professor</b>	
<b>Department: Computer Science &amp; Engineering</b>	
<b>College Address: PDA College of engineering Kalaburgi</b>	
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<b>Areas of Interest</b>	Networking, Cloud Computing
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Subjects Taught	
UG	PG
C programming for problem solving	Cloud Computing
Data Communication	Software Engineering
Object oriented programming	Advance Database Management system
Computer Graphics	WNMC
Computer organization	Analysis, Architecture and Design of Network
Graph Theory	Machine Learning
Unix and shell programming	
Computer Networks	
Web technology	
Internet of things	
Object oriented analysis & design	
Software Engineering	
Cloud Computing , Multimedia,,Machine learning	

Academic Background				
Degree	Specialization	Name of the Institute	University	Month and Year of Passing
Ph.D	Cloud Computing	PDA College of engineering, kalaburgi	VTU Belagavi	2023
PG (M.tech)	Computer science & engineering	PDA College of engineering, kalaburgi	VTU Belagavi	2008
UG (B.E)	Information science & engineering	SLN college of engineering, kalaburgi	VTU Belagavi	2003

Work Experience						
Name of the Institution		Position		From		To
PDA College of engineering, kalaburgi		Associate Teacher		27/08/2007		Till date
Total Experience	18 years	Teaching	18	Research		Administration

Research Publications					
Total Number of Publications	International Journal	National Journal	International Conference	National Conference	Total
	11		02		13
Recent Publications (Journals)					
1.	Published and presented a paper entitled "Survey on techniques for utilization of resources in cloud computing system" <b>ICCRAES-16</b> , Vol 23,issue 06 2016,ISSN:0976-1353.				
2.	Published a paper on" Dexterity for utilization of resources in cloud computing system" <b>JETIR</b> March 2019, Volume 6,Issue 3 ISSN- 2349-5162 DOI: <a href="http://doi.one/10.1729/journal.20076">http://doi.one/10.1729/journal.20076</a>				
3.	Hybrid Optimization algorithm for resource allocation in SDN enabled Virtual Networks in Cloud environment Vol 14 ,No 1,PP 324-334 .International journal of future generation communication and Networking , <b>web of science</b>				
4.	Conglomerate enhanced algorithm for asset awarding in SDN enabled virtual nexus for cloud habitat 2021 Dec <b>IEEE</b> international Conference on mobile networks and wireless communications(ICMNBC)SIT Tumkur				
5.	Published a paper on" Dexterity for utilization of resources in cloud computing system" <b>JETIR</b> March 2019, Volume 6,Issue 3 ISSN- 2349-5162 DOI: <a href="http://doi.one/10.1729/journal.20076">http://doi.one/10.1729/journal.20076</a>				
6.					

	Efficient Resource Management Technique in Virtual Machines for Improvement of CPU Utilization. <b>TELEMATIQUE</b> ISSN 1856-4194 vol 21 Issue I, <b>2022</b> 6752-6760 .
7	Productive Asset Management Methodology Technique In Virtual Machines To Increase CPU Utilization May-june <b>2023 IJIRE</b> vol 4 issue 3, PP 202 -207,ISSN No 2582-8745
8	Public Grievance Chatbx IJAEAST ISSN 2583-7346, Vol 1, issue-3, pp 65-71 june 2023
9	An Efficient SFLA and CUCKOO search hybridization for source distribution in cloud computing <b>2023 IEEE</b> International conference on integrated circuits and communication systems (ICICACS)
10	A Framework of adaptive mobile video streaming and efficient social video sharing in the cloud ISSN :2319-7064 <b>IJSR</b> vol 4 .issue 9, sept 2015.
11	Student Academic management system using cloud environment ISSN no-2582-8746, vol 3. issue 4. PP 1-5 <b>2023 IJIRE</b>

Memberships in Professional Bodies	
S.No.	Name of the Professional Body
1.	The Indian Society for Technical Education (ISTE) LM-129922
2	Institute of scholars INSC
3	IAENG

Programs Organized	
1.	Participated in organizing college functions.
2	Conducted many programs /seminars /workshops as bluechip co-ordinator
3	Womens day Co-ordinator

Training Programmes Attended	
1	Exploring New Learning Opportunities in IT and Embedded Domain, 5 <sup>th</sup> and 6 <sup>th</sup> October 2012, PDACEK
2	One day Workshop on “Pervasive Computing and Software Defined Radio”, 6 <sup>th</sup> November 2012, PDACEK
3	Recent Advances in Communication and Signal processing, 21 <sup>st</sup> to 25 <sup>th</sup> Jan 2013
4	Emerging trends in IT- Career TEQIP, 1 <sup>st</sup> – 3 <sup>rd</sup> March 2013, PDACEK, PDACEK
5	Cloud Computing Technology and its applications TEQIP, 20 <sup>th</sup> to 24 <sup>th</sup> March 2013

6	Real world DSP, from 15th to 27th July 2013, at Channabasaveshwara Institute of Technology Gubbi Tumkur.
7	OraclePL/SQL, 3 <sup>rd</sup> to 6 <sup>th</sup> August 2013, AIET, Kalaburagi
8	Two week FDP on “C-Programming and MATLAB Applications”, 10 <sup>th</sup> March to 21 <sup>st</sup> March, 2014, GPT
9	Current & Future Research Trends in Wired & Wireless Networks, 6 <sup>th</sup> to 7 <sup>th</sup> Sept 2014
10	One week FDP on “MATLAB and its Applications in Digital Image Processing and Pattern Recognition” 13 <sup>th</sup> to 17 <sup>th</sup> October 2014, PDACEK
11	Android Application Development , 3 <sup>rd</sup> to 4 <sup>th</sup> Dec 2014 , PDACEK
12	Advanced Techniques for Simulation of Wireless Networks , Godutai, 13 <sup>th</sup> to 17 <sup>th</sup> Feb 2014
13	One Day UGC sponsored National Workshop on “Recent Developments in Digital Analysis”, 30 <sup>th</sup> May 2014, Gulbarga University, Gulbarga
14	Entrepreneurship Development, Seminar, 19 <sup>th</sup> -20 <sup>th</sup> Sept 2014
15	Performance Analysis of Computer Network, (PACN), 22 <sup>ND</sup> TO 26 <sup>TH</sup> Sept 2014 , PDACEK
16	Hands on Training Program on MATLAB and its Applications, 13 <sup>TH</sup> to 17 <sup>TH</sup> 2014, PDACEK
17	Two Day Workshop on “Android Application Development”, 3 <sup>rd</sup> & 4 <sup>th</sup> Dec. 2014, PDACEK
18	One Week FDP on “Pedagogy for Effective use of ICT in Engineering Education”, from 5 <sup>th</sup> to 31 <sup>st</sup> Jan 2015 , PDACEK
19	2016
20	One Week National Level STTP on “Tools in Teaching, Learning and Research”, 25 <sup>th</sup> to 30 <sup>th</sup> Nov 2016, BKIT, Bhalki
21	Big Data and Hadoop, 29 <sup>th</sup> to 4 <sup>th</sup> March 2016, PDACEK
22	Pedagogical Skills Training for Engineering Teachers, 27 <sup>th</sup> Feb – 3 <sup>rd</sup> March 2017, PDACEK
23	Use of E-Recourses for Teaching and Research, 19/05/2017, PDACEK
24	IEEE Xplore and KNimbus e-Library Recourses , 11/03/2017, PDACEK
25	Automation using Internet of Things ( IoT ), 23 <sup>rd</sup> – 28 <sup>th</sup> , Jan-2017, PDACEK
26	Featuring User Interface Using Python, 24 <sup>th</sup> – 26 <sup>th</sup> March 2017, PDACEK
27	Data Analytics using R – Programming, 7 <sup>th</sup> to 11 <sup>th</sup> March 2017, PDACEK
28	Real Time Data ware Housing & Visualization : Tools and Techniques, 24 <sup>th</sup> -26 <sup>th</sup> March 2017, PDACEK
29	Software Testing & Tools, 21 <sup>st</sup> to 23 <sup>rd</sup> March 2017, PDACEK
30	Electric Vehicle- Controls, Motors, Storage And Technologies, 3 To 7 Sep 2019, PDACEK
31	Discrete Mathematics structure, 27 to 31 July 2019, VTU Kalaburgi

32	Machine Learning Using Python, 25th - 29th May 2020, Reva Bangalore
33	Image Processing And Data Science, 26 To 29 June 2020, CEC, Mangaluru.
34	Contemporary In Research Trends In Electronincs Communication And Computer Science, 6 to 10 July 2020, VTU kalburagi
35	Optimization Techniques For 5g Cellular Networks, 13 to 18 July 2020. SVCE Bangalore
36	Exemplary Practices In Teaching-Learning And Evaluation Of Courses In Computer Science & Information Technology, 3 to 7 August 2020, VTU Kalaburgi
37	OpenStack Containers in Cloud Computing Technology, 23 to 25 March 2021, PDACEK
38	Future Wireless Communication: Standards & Technologies, 24 to 29 May 2021, KSIT Bangalore
39	Deep learning for engineering applications using python, 08 to 13 July 2020, MSRIT Bangalore
40	Computational Biology, 01 to 5th Feb 2021, REVA Bangalore
41	Block chain, 02 to 6th Nov 2020, PDACEK(ATAL)
42	Cyber Security and Tools, 19 to 29th Dec 2020, PDACEK
43	Cyber security and Forensic, 07 to 11 Dec 2020, PDACEK
44	Machine learning and computer vision, 5 <sup>th</sup> – 9 <sup>th</sup> July 2021, VFSTR University(ATAL)
45	An insight to Biomedical Instrumentation, Biomedical Signal and Image Processing with hands on experience and LabVIEW Programming, 2 <sup>nd</sup> to 6 <sup>th</sup> August 2021, PDACEK(ATAL)
46	Advances in natural languagr processing using AI from 14 <sup>th</sup> march to 18 <sup>th</sup> march 2022 at VIMAL Jyothi Engineering college kerala .
47	Emerging Technologies organized by department of CSE(AI& ML),Vidyavardhaka college of engineering in association with TCS 11 Dec 2023 and 15 Dec 2023
48	Recent trends in research and innovation for forefront technologies 4 <sup>th</sup> and 8 <sup>th</sup> Jan 2023
49	Mentoring skills and cognitive strategies .PDACEK 29 <sup>th</sup> and 30 th march 2023
50	National intellectual property awareness mission NIPAM on may 11,2023
51	Essentials of cyber security in block chain technologies 9 <sup>th</sup> Feb -29 Feb 2024 at Vidyavardhaka college of engineering mysuru.

Special Lectures Presented	
1.	Web browser and servers, Training program for PDA staffs at PDACEK

<b>Role &amp; Responsibilities</b>	
1	Ist year Co-ordinator
2	BOS member,NBA co-ordinator for criteria 5
3	Teaching and supervising undergraduate and postgraduate students.
4	Assisting with various departmental duties and providing academic support.
5	Evaluate, monitor and mentor student academic progress.
6	Participated in departmental and college activities.
7	Serve and support functional activities of departmental committees.
8	Assess, review and evaluate student activities and progress.
9	Guiding PhD students

Awards	
1.	<b>YOUNG ACHIEVER AWARD 2020 FOR BEST Journal” Competent Assest Planning for cloud computing “ IJRTE unpaid scopous journal Available in SSRN e Library ELSEVIER</b>
2	<b>Patent applied on “Dappaer irrigation system using solar panel”2023Patent application number 202341041425</b>
3	<b>IEEE Committee member , reviewer and session chair person, Patent published</b>