

**CAUVERY COLLEGE FORWOMEN  
(Autonomous)**

**STAFF PROFILE**

**PERSONAL INFORMATION**

**1. Name** : Dr. H. KRISHNAVENI

**2. Date of Birth** : 06-06-1977

**3. Address** :

Residential	Official
T-4, Bharath Citi Arcade Vaathukkara Street, Chola rajapuram, Woraiyur, Trichy-620 003 Email: hkrish31@gmail.com Mobile: 98435-33377	Cauvery College for Women (Autonomous), Annamalai Nagar, Trichy-620 018 Ph:0431-275 12 32

**ACADEMIC INFORMATION**

**4. Designation & Department:** Associate Professor, Computer Science

**5. Educational Qualification :**

Degree	Year	College/University
Ph.D	2020	Bharathidasan University, Trichy
SET	2016	Mother Teresa Women's University, Kodaikanal
M. Phil	2004	Bharathidasan University, Trichy
MCA	2000	Shrimati Indira Gandhi College, Trichy.
B. Sc (Physics)	1997	Shrimati Indira Gandhi College, Trichy.

**6. Researcher ID:**

PORTAL	ID
VIDWAN ID	201830
GOOGLE SCHOLAR	<a href="https://scholar.google.com/citations?hl=en&amp;user=ogFarNIAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=ogFarNIAAAAJ</a>
SCOPUS	57205209101
WEB OF SCIENCE	AAJ-3543-2021
ORCID ID	<a href="https://orcid.org/0000-0002-4870-2584">https://orcid.org/0000-0002-4870-2584</a>
PUBLONS	<a href="https://publons.com/author/4334077/krishnaveni-h-computer-application">4334077/krishnaveni-h-computer-application</a>

**7. Experience :**

Working Institution	Year of Experience
Cauvery College for Women	24 years

**8. Areas of Specialization** : Cloud Computing, Grid Computing

**9. Languages known** : Tamil, English, Telugu

**10. Subjects Taught :**

<b>UG</b>	Cloud Computing, Operating Systems, Data structures and Algorithms, Data Communications and Networking, Data base Management Systems, Multimedia and its Applications, Computer Graphics, System Analysis and Design, Object Oriented System Analysis and Design, Management Information Systems, Computer Graphics, Digital Computer Fundamentals, Artificial Intelligence, Page Maker, PHP Scripting Language, Programming in C, C++, PASCAL, COBOL, PYTHON
<b>PG</b>	Parallel Processing, Digital Electronics and Computer Organization, Computer Networks, Multimedia System Design, Software Engineering, Data structures and Algorithms, Operating Systems, Object Oriented Programming with C++, Software Quality Testing, Object Oriented Analysis and Design & C++.
<b>M.Phil</b>	Web Services, Grid Computing, Cloud Computing

**11. Research Supervision:**

<b>Programme (M.Phil / Ph.D)</b>	<b>University from where Guideship obtained</b>	<b>Completed (in numbers)</b>	<b>Year of Completion</b>
<b>M.Phil</b>	Bharathidasan University, Trichy	24	Till 2018

## 12. Details of Publications:

<b>Sl.No</b>	<b>Journal Name &amp; Volume</b>	<b>Year of Publication</b>	<b>ISBN Number</b>	<b>Name of the Paper</b>	<b>Impact Factor</b>
1.	International Journal of Applied Engineering Research (Scopus &UGC Approved Journal) Vol.10	Dec 2015	ISSN: 0973- 4562	A Survey on Task Scheduling Algorithms in Cloud Computing Environment	1.8233
2.	International Journal of Emerging Technology and Advanced Engineering (UGC Approved Journal) Vol.8, Iss.2	March 2018	E- ISSN NO: 2250-2459	A Study on Symmetric key Ciphers in Cryptography and Network Security	-
3.	International Journal of Scientific Research in Computer Science, Engineering and Information Technology Vol.3, Iss.3, Pg. 1882- 1887 (UGC Approved Journal)	April 2018	ISSN : 2456- 3307	Multi Attribute Completeness Measure based Shortest Job Algorithm in Cloud Environment	-
4.	International Journal Pure and Applied Mathematics (IJPAM) Vol.119 Iss.12e, Pg.13793-13797, ( <i>Scopus Indexed</i> & UGC Approved Journal)	May 2018	ISSN :1314 - 3395	Completion Time based Sufferage Algorithm for Static Task Scheduling in Cloud Environment	-

5.	International Journal of Computer Sciences and Engineering (IJCSE) Vol.7, Iss.5, Pg.1363-1371	May 2019	E- ISSN: 2347-2693	Modified Artificial Fish Swarm Algorithm for Efficient Task Scheduling in Cloud Environment	3.022
6.	International Journal of Research in Electronics and Computer Engineering (IJRECE), Vol. 7, Iss. 2, Pg. 2807-2812	June 2019	ISSN: 2348-2281	Cost and Completion Time based Suffrage Algorithm for Task Scheduling in Cloud Environment	4.305
7.	International Journal of Innovative Technology and Exploring Engineering (IJITEE) Vol. 9, Iss.1, pp.1261-1267, <i>Scopus Indexed &amp; UGC Care list –A</i>	Nov 2019	ISSN: 2278-3075	PE2 - A Service Oriented Meta Task Scheduling Framework in Cloud Environment	-
8.	3 <sup>rd</sup> International Conference on Intelligent Computing Systems (ICICCS) – The Digital Spectrum Applications of Computing Across Domains, Proceedings	April 2025	Page No. 243-246, ISBN:978-93-90084-99-9.	Agricultural farmer insurance claim maintenance Web Portal	-

### 13. Details of Papers Presented:

Date	Organizer	Name of the Seminar	Paper Name
03.12.2015 - 04.12.2015	Jamal Mohamed College, Trichy	International Conference on Advanced Computing 2015 (ICAC 2015)	A Survey on Task Scheduling Algorithms in Cloud Computing Environment
06.01.2017 - 07.01.2017	Sri Eshwar College of Engineering, Coimbatore	Fourth International Conference on Advanced Computing & Communication Systems (ICACCS 2017-IEEE)	Multi Attribute Completeness Measure based Scheduling Algorithm in Cloud Environment

23.03.2018	Dept. of Computer Sciences Technology, Karunya Institute of Technology and Sciences, Coimbatore	2 <sup>nd</sup> International Conference on Big Data and Cloud Computing (ICBDCC'18-Springer)	Execution Time based Suffrage Algorithm for Static Task Scheduling in Cloud
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#### 14. Patent Published:

A patent entitled “AN INTERNET OF THINGS (IOT) BASED NEONATAL INTENSIVE CARE UNIT SYSTEM” filed on 28/09/2021 and published on 29/10/2021 in Intellectual Property India.

#### 15. Details of Seminars / Conferences / Workshops/FDP /Certificate Courses Attended:

Date	Organizer	Title	National / International	Topic
20.2.2009 - 21.2.2009	Holy Cross College, Trichy	Conference on Advanced Computing & Communication Technologies	National	Conference on Advanced Computing & Communication Technologies
21.08.2013	ICT Academy, Tamilnadu	ICTACT Bridge Course on Technology Beyond Boundaries	State	ICTACT Bridge Course on Technology Beyond Boundaries
23.02.2016	BUTP, Trichy	National Seminar on Importance of Computational Research (Under UGC-XII Plan)	National	National Seminar on Importance of Computational Research (Under UGC-XII Plan)
22.08.2016 - 23.08.2016	K. Ramakrishnan College of Technology, Trichy	FDP in Grid and Cloud Computing	State	FDP in Grid and Cloud Computing
31.08.2016	BUTP, Trichy	National Level Seminar on Cloud Computing and Services (CLOSER 2016)	National	National Level Seminar on Cloud Computing and Services (CLOSER 2016)

04.03.2017	K. Ramakrishnan College of Technology, Trichy	BigData '17 - One day Workshop on “ Big Data with Hadoop, HDFS and Mapreduce”	State	BigData '17 - One day Workshop on “ Big Data with Hadoop, HDFS and Mapreduce”
28.07.2017	Dept. of C.Sc & Eng and Curriculum Development, BDU, Trichy	One Day International Workshop on “World Class Curriculum Design for Computer Science” (Sponsored by Dept. of Higher Education, Govt. of TamilNadu)	International	One Day International Workshop on “World Class Curriculum Design for Computer Science” (Sponsored by Dept. of Higher Education, Govt. of TamilNadu)
28.09.2017	Dept. of MCA Christhuraj Institute of Computer Application & Research, Trichy	One Day International Workshop on “Cloud Computing and its Practical Demonstration”	International	One Day International Workshop on “Cloud Computing and its Practical Demonstration”
18.01.2019	Microsoft- Certificate of Recognition	Microsoft – Certified Microsoft Innovative Educator	-	Microsoft – Certified Microsoft Innovative Educator
18.01.2019	Microsoft- Certificate of Recognition	Getting Started with OneNote	-	Getting Started with OneNote
28/11/2019	Google Cloud	Google Cloud On Board: Application Development	Web Seminar	
17/02/2020 18/02/2020	Cauvery College for Women (Autonomous)	NAAC revised Accreditation Framework	UGC- PARAMARSH	NAAC revised Accreditation Framework
10/02/2023 - 10/03/2023	Guru Angad Dev Teaching Learning Centre, Ministry of Education, Govt. of India Pandit Madan Mohan Malaviya	30 Hours Online Certificate Course on “Research and Publication Ethics”	National	30 Hours Online Certificate Course on “Research and Publication Ethics”

	National Mission on Teachers and Teaching(PMMMNI MIT) in collaboration with Bishop Moore College , Mavelikara, St.John's College Agra, Catholicate College Pathanamthitta, Kerala & Cauvery College for Women(A), Trichy, Tamilnadu			
28.07.2023	School of Computer Science, Engineering and Applications, Bharathidasan University, Trichy-620023	TANSCHESponsored One Day National Seminar on Artificial Intelligence and ChatGPT	National	One Day National Seminar on Artificial Intelligence and ChatGPT
06.10.2023	IQAC,UGC-HRDC, Bharathidasan University	Preparatory Workshop for India Rankings 2024	State	Preparatory Workshop for India Rankings 2024
14.10.2023 & 15.10.2023	IIT, Madras & NPTEL+	Workshop on Design Thinking: Developing insight Framing & Reframing the Problem Mapping the context	International	NPTEL+ workshop on Design Thinking: Developing insight Framing & Reframing the Problem Mapping the context
27.11.2023 to 02.12.2023	ANITS & Brain o Vision Solutions India Pvt Ltd	Faculty Development Program on AI Tools and Prompt Engineering	National	Faculty Development Program on AI Tools and Prompt Engineering
09.01.2024 & 10.01.2024	Dept. of Commerce, Bishop Heber College, Trichy-18	Two day International Conference on Artificial Intelligence – Adoption and	International	Two day International Conference on Artificial Intelligence – Adoption and

		Application in Business		Application in Business
10.01.2025	Rajeev Gandhi College of Management Studies, Navi Mumbai.	Workshop on Effective Sales and Marketing Strategies for Entrepreneurs/Start-Ups	National	Rajeev Gandhi College of Management Studies, Navi Mumbai.
24.10.2025	School of Computer Science, Engineering and Applications, Bharathidasan University, Trichy	One day National Level Seminar on “Exploring Tools & Techniques in Data Analytics”	National	Exploring Tools & Techniques in Data Analytics

#### 16. Details of Orientation / Refresher Course Attended:

Date	Title of the Course	Organizer
03.11.2003 - 30.11.2003	UGC Sponsored Orientation Course on Value Education	Academic Staff College, Bharathidasan University, Trichy
02.11.2008 - 21.11.2008	UGC Sponsored Refresher Course – Computer Science	Academic Staff College, Bharathidasan University, Trichy
30.03.2019	Annual Refresher Course on ARPIT – STUDENT ASSESSMENT and EVALUATION	SWAYAM
07.10.2025 - 13.10.2025	UGC sponsored Short Term Programme in Innovations and Reforms in Higher Education (Offline)	MMTTC, Bharathidasan University, Trichy

#### 17. Details of Study Materials / Books written and chapters published:

S.No	Title of the Chapter	Name of the Book & Publisher	Chapter Number	Page Number	ISBN Number	Month & Year
1.	A Survey on Task Scheduling Algorithms in Cloud Computing Environment	Advanced Engineering Research and Application(AERA) Volume-III, Research India Publication	22	341-354	978-93-86138-65-1	May 2017



2.	Execution Time based Suffrage Algorithm for Static Task Scheduling in Cloud	Advances in Big Data and Cloud Computing(AISC)	5	61-70	2194-5365	Dec 2018
3.	Cloud Computing Fundamentals	Scientific International Publishing House	Book	1 to 200	978-93-5625-705-4	Dec 2023

#### 18. Administrative positions held in the College:

Nature of Position	Period of In-charge
In-charge -Dept. Library	2004-2005
Staff Advisor -INNOVA Club	2008-2009
Staff Advisor -ABACUS Club	2009-2010
Internal Auditor (ISO 9001-2015)	Jan 2020 -2023
NIRF Assistant Coordinator	July 2021 onwards
NAAC- Criterion V In-charge	2020 -2025

#### 19. Details of Incharge / Participation in Extracurricular Activities:

(NSS, NCC, Sports, Games, Voluntary Association and Cultural Activities):

Nature of Activity	Period of Incharge
Staff Advisor -Dept. Fine arts	2007-2008
	2008-2009
	2011-2012

#### 20. Details of participation in Consultancy and Training, Development programme etc:

Date	Organizer	Name of the Workshop	Name of the e-module
05-06-2019 - 10-06-2019	Cauvery College for Women	Capacity Building Workshop on e-Content Development	Half Adder

#### 21. Details of Membership in Academic Bodies/ Board of Studies:

S.No	Nature of Position	Institution	Period
1.	Member	ISSE (Indian Society of Systems for Science and Engineering)	Lifetime member (from 2016 onwards)

2.	Member- Question Paper Scrutinizing Board	AVC College, Mayiladuthurai	2004-2007
3.	Member- Question Paper Scrutinizing Board	Bharathiar University, Coimbatore	2012-2013
4.	Member- Question Paper Scrutinizing Board	Bishop Heber College, Trichy	2021-2022
5.	Member	Computer Society of India	2024-2025

## 22. Other information: Served as experts, judges and resource persons

S.No	Nature of Position	Institution Name	Topic /Event	Date
1.	Resource Person	NSS camp (Cauvery College for Women)	Computer Awareness Programme, Govt. High School, Aamur	05.09.2006
2.	Resource Person	Servite Arts and Science College for Women, Thogamalai, Karur Dist- 621 313	E-WASTE Management	28.08.2018
3.	Judge	Holy Cross College, Trichy	Teachers' day Programme- CONNECTIONS	24.08.2018
4.	Resource Person	Annai College for Women, Karur	Criterion V - Under UGC – PARAMARSH Scheme	-
5.	Resource Person	Cauvery College for Women, Trichy-18	One Day Online Orientation Programme for Final Self Study Report (SSR) Submission for Mentee Institutions Under UGC – PARAMARSH Scheme	16.09.2021
6.	Resource Person	Holy Cross College, Trichy	Essential Attitude for Project Success	12.01.2024
7.	Judge	Cauvery College for Women, Trichy-18	Inter Departmental Competition to Commemorate 'World Ozone Day' -E-Content Creation on "Ozone for Life"	16.09.2024

Number of Virtual Faculty Development Programmes Attended: **15**

International Level: **2**

National Level: **12**

Number of Webinars Attended: **11**

Number of Online Workshops Attended: **5**