

## Dr.BHARANIDHARAN.G



Designation	Assistant Professor
Department	BCA (Shift-II), THE NEW COLLEGE, CHENNAI-14.
Nature of Employment	Management
Qualification	MCA.,M.Phil.,Ph.D.,MIAENG,MCSI,MCSTA,FNRA
Mobile	+91 9489471234
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College Website	<a href="http://www.thenewcollege.edu.in">www.thenewcollege.edu.in</a>

### ACADEMIC QUALIFICATIONS:

Degree	Discipline	Year of Passing	Institution	University
Ph.D.	COMPUTER SCIENCE	JANUARY 2023	VISTAS, PALLAVARAM, CHENNAI	VELS UNIVERSITY
M.Phil.	COMPUTER SCIENCE	2011	VINAYAKA MISSION UNIVERSITY, SALEM	VINAYAKA MISSION UNIVERSITY, SALEM
M.C.A	COMPUTER APPLICATIONS	2007	SRM UNIVERSITY, KATTANKULATHUR, CHENNAI.	SRM UNIVERSITY
B.Sc.	COMPUTER SCIENCE	2003	ST.JOSEPH'S COLLEGE OF ARTS&SCIENCE,CUDDALORE	MADRAS UNIVERSITY

## PROFESSIONAL INFORMATIONS

Teaching Experience : **15+ years**  
Industry Experience : 1.3 Years.

<b>Designation</b>	<b>Institution/Organization</b>	<b>Period of Work</b>
Associate, Enterprise Applications Services	SIFY TECHNOLOGIES, CHENNAI	07/05/2007 TO 01/08/2008
<b>Assistant Professor</b>	<b>THE NEW COLLEGE, CHENNAI</b>	<b>07/08/2008-TILL DATE</b>

**AREA OF SPECIALIZATION : CLOUD COMPUTING AND ARTIFICIAL INTELLIGENCE (AI).**

**SUBJECT INTEREST: ASP.NET, PYTHON, CLOUD COMPUTING, BLOCK CHAIN, IoT, JAVA, NETWORK TECHNOLOGIES.**

**MEMBER SHIP (ACTIVE): IEEE # 97347549 CHENNAI CHAPTER, InSc, R Square L, CSI INDIA, CSI Membership ID: 7021220008.**

## RESEARCHER INFORMATION

<b>Scopus ID</b>	<b>ORCID ID</b>
<a href="https://www.scopus.com/authid/detail.uri?authorId=57224573862">https://www.scopus.com/authid/detail.uri?authorId=57224573862</a>	<a href="https://orcid.org/0000-0003-2301-5523">https://orcid.org/0000-0003-2301-5523</a>

<b>Researchgate Website</b>	<b>Google Scholar URL</b>
<a href="https://www.researchgate.net/profile/Bharani_Dharan6">https://www.researchgate.net/profile/Bharani_Dharan6</a>	<a href="https://scholar.google.com/citations?user=DHv_2GsA-AAAJ&amp;hl=en">https://scholar.google.com/citations?user=DHv_2GsA-AAAJ&amp;hl=en</a>

## DETAILS OF PUBLICATIONS:

S.No.	Title	Name of the Journal	ISSN & Date
01	“Green IT-An Eco-Friendly Practices and methods for Environmental Sustainability”.	International Journal of Innovative Technology and Exploring Engineering. <i>(OPEN ACCESS)</i>	2278-3075, Page No. 2889-2894, February 2020.
02	“Efficient Ultra-Elastic Resource Provisioning through Hyper-Converged Cloud Infrastructure using Hybrid Machine Learning Techniques”.	International Journal of Recent Technology and Engineering. <i>(OPEN ACCESS)</i>	2277-3878, Page No.4367-4374., March 2020.
03	“ <b>Evolution of Cloud Data Centre Models for Autonomic and Agile Elastic Resource Provisioning</b> ”.	<b>International Journal of Advanced Science and Technology (IJAST-SCOPUS INDEXED)</b>	<b>ISSN: 2005-4238, E-ISSN: 2207-6360 and Vol.29, No.8s, (April 2020), pp.3870-3883.</b>

04	<b>A Paradigm Shift towards On-Premise Modern Data Center Infrastructure for Agility and Scalability in Resource Provisioning</b>	<b>International Journal of Advanced Trends in Computer Science and Engineering (SCOPUS INDEXED)</b>	<b>ISSN 2278-3091, Volume 9, No.4, July – August 2020 , <a href="https://doi.org/10.30534/ijatcse/2020/111942020">https://doi.org/10.30534/ijatcse/2020/111942020</a></b>
05	<b>Harnessing Green Cloud Computing- An Energy Efficient Methodology for Business Agility and Environmental Sustainability</b>	<b>International Journal of Emerging Trends in Engineering Research (SCOPUS INDEXED)</b>	<b>ISSN 2347 – 3983, Volume 8, Number 8, August 2020, <a href="https://doi.org/10.30534/ijeter/2020/26882020">https://doi.org/10.30534/ijeter/2020/26882020</a></b>
06	<b>Energy Efficient Next-Gen of Virtualization for Cloud-native Applications in Modern Data Centres</b>	<b>I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC) SCOPUS INDEXED</b>	<b>IEEE XPLORE, DVD Part Number:CFP20OSV-DVD; ISBN: 978-1-7281-5463-3</b>
07	<b>ICACCS 2021, Coimbatore</b>	<b>Elastic Resource Allocation, Provisioning and Models Classification on Cloud Computing- a Literature Review (SCOPUS</b>	<b>IEEE XPLORE,ISSN: 978-1-6654-0521-8/21</b>

		<b>INDEXED)</b>	
08	<b>INDIACom 2021, New Delhi.</b>	<b>Predictive Virtual Machine Placement for Energy Efficient Scalable Resource Provisioning in modern data centers (SCOPUS INDEXED)</b>	<b>IEEE Xplore, ISBN:978-93-80544-43-4</b>
09	<b>International Journal of Advanced Computer Science and Applications (IJACSA)</b>	<b>Predictive Scaling for Elastic Compute Resources on Public Cloud Utilizing Deep Learning based Long Short-term Memory.</b>	<b>DOI: 10.14569/IJACSA.2021.0121010</b>  <b>ISSN : 2156-5570</b>
10	<b>ICAAIC 2022</b>	<b>Predictive Scaling for Elastic Pod Instances on Public Cloud through Long Short-Term Memory</b>	<b>IEEE Xplore, ISBN: 978-1-6654-9709-1</b>

### **BOOK CHAPTER(S):**

<b>S.No.</b>	<b>Title</b>	<b>Name of the Journal</b>	<b>ISBN &amp; Date</b>
01	Software-Defined Data Centre based Resource Provisioning for Enterprise Business Agility	Implications of Information Science in Sociotechnical Systems [IIS-STs], Publisher: RcHub	978-81-953432-0-1

### **AWARDS RECEIVED SO FAR :**

<b>S.NO</b>	<b>AWARD NAME</b>	<b>AWARD GIVEN BY</b>	<b>DATE</b>
01	“BEST RESEARCH SCHOLAR AWARD” RECEIVED AT CHENNAI	SRI KARUNANANDAR CHARITABLE TRUST, REG. NO. 128/2017, TIRUVANNAMALAI-606604, TAMILNADU.	29 <sup>th</sup> December 2020.
02	BEST RESEARCHER ON-GOING	CHENNAI SOFTECH	5 <sup>TH</sup> SEPTEMBER 2021
03	BEST TEACHER AWARD	CHENNAI SOFTECH	5 <sup>TH</sup> SEPTEMBER 2021

### **MEMBERSHIP DETAILS (ACTIVE 2023-24):**

IEEE (#97347549)

CSI INDIA (#7021220008)

InSc (#20221REA23)

RSquare1 (#RSL086)

IAENG (#307932)

ACM (#5759935)

Einstein Research Academy #ERAM0021482

IFERP Premium Member # PM62531098

INSTICC RM# 21087

Association for the Advancement of Artificial Intelligence Member ID: 635436

Internet Society Membership ID: 2264606

Novel Research Academy Membership # NRA/00036/2023.

CSTA (Computer Science Teachers Association) Membership ID: 198358016354

Asian Council of Science Editors

## **REFEREE:**

Serving and contributing as a "**REVIEWER**" in the prestigious **Scopus indexed and Web of Science (WoS)** based journals such as:

- Indonesian Journal of Electrical Engineering and Computer Science (IJEECS) - Scopus Indexed
- Brain and Behavior - (WOS) Indexed
- International Conference on Networks, Communication and Information Technology- Scopus Indexed
- American Journal of Computer science and Technology
- Soft Computing (SOCO) - Web of Science Indexed
- International Journal of Advanced Trends in Computer Applications (IJATCA)- ESci
- PeerJ - Scopus Indexed.
- International Journal on Recent and Innovation Trends in Computing and Communication.
- Journal of Computer Science - <https://thescipub.com/jcs>
- INDISCON 2023, IEEE CONFERENCE.
- Research Ideas and Outcomes (RIO), Web of Science.
- IEEE-NMITCON 2023.

## **PERSONAL DETAILS**

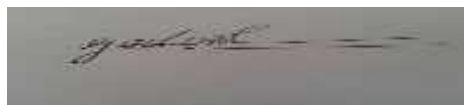
Father's Name	GURUMURTHY.V	Date of Birth	15/10/1981
Mother's Name	MEENAKSHI.G		

Nationality	INDIAN	Marital Status	Married
AADHAR ID	<b>9995-9096-3723</b>		

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	CHENNAI-600053, TAMILNADU, INDIA.

**I do hereby declare that all the information given above is true to the best of my knowledge and belief.**

SIGNATURE OF THE CANDIDATE



**(BHARANIDHARAN.G)**