# DR.TIRUVEEDULA GOPIKRISHNA

| Email Address | Mobile Number | Department |
|---|---|---|
| tiruveedula.gopi@astu.edu.et<br>Alternative Email:<br>gktiruveedula@gmail.com | +251904433040<br>Whatsapp:<br>+919550540324 | Computer Science & Engineering. And Information Technology |

## 1. General Information

| | |
|---|---|
| **Date of Birth & Age** | 29/02/1976,47 |
| **Aadhar Card No(SSN)** | 3537 0165 2243 |
| **PAN No** | AFAPT3683F |
| **Gender** | Male |
| **Marital Status** | Married |
| **Father / Spouse Name** | Kalyani (Spouse) |
| **Mother Tongue & Languages Known** | Telugu, English, little arabic |
| **Nationality, Religion & Community** | Indian, Hindu,Telaga |

## 2. Experience : **20+ Years in Teaching and Research**

| Sl. No. | Institution / Industry Name | Position / Title | From | To | No. of Years & Month |
|---|---|---|---|---|---|
| **1.** | **Adama Science & Technology University, Ethiopia** | **Asst.Prof+ Associate Prof** | **2017-Oct** | **Till date** | **6+** |
| 2. | RayalaSeema University, Research Scholar | Research work | 2015 Aug | 2017-Oct 10th | 2 |
| 2 | Sirte University, Hun, Libya, North Africa | Senior Lecturer | 2007-Sept July 29 | 2015-July-29 | 8 |
| 3. | Aurora's Engg. College, Hyderabad, India | Sr.Lecturer | 2004 | 2007 | 3 |
| 4. | Prajna College of Science | Lecturer | 2001 | 2002 | 1 |

## 3. Academic Details

| Degree | Specialization | Name of the School / College | % Marks or CGPA | Year of Passing | Part Time / Full Time |
|---|---|---|---|---|---|
| **Ph.D.** | Computer Science & Engineering | Rayalaseema University, India | Pass | 2023 | Part Time(NRI) |
| **M.E** | Computer Science & Engineering | AMACE, Kanchipuram Anna Univiversity,India | 74 | 2004 | Full Time |
| **M.Sc.** | Computer Science | GBR PG College, Andhra Univ., India | 62.5 | 2001 | Full Time |
| **B.Sc.** | Computer | BS and JR, Andhra | 65.1 | 1997 | Full Time |

| | Science | Univ.,India | | | |
|---|---|---|---|---|---|

### 4. Subjects Specialization

| Subjects Taught for U.G | Subjects Taught for P.G |
|---|---|
| Data Science, Big Data, Artificial Intelligence, Machine Learning, Deep Learning, Distributed systems, data warehouse and data mining,cloud,C,Python C++,Java,Web Technologies, SQL | Big Data Analytics and Visualization, Software Testing Methodologies, Middleware, big data and cloud computing<br>**Guided 56** Undergraduate projects and **4** Master degree thesis. |

## Responsibilities

❖ Developing curricula and delivering course material.

❖ Conducting research, fieldwork, and investigations, and writing up reports.

❖ Publishing research, attending conferences, delivering presentations, and networking with others in the field.

❖ Traveling to other universities or academic settings to participate in learning opportunities and gain experience.

❖ Participating in committee, departmental, and faculty meetings.

❖ Providing training and mentoring to teaching assistants and junior lecturers.

❖ Reviewing methods and teaching materials and making recommendations for improvement.

❖ Assisting with student recruitment, interviews, and academic counseling sessions.

❖ Contributing to the creation of an environment that promotes growth, equality, and freedom of speech.

### 5. Publication Details

| Category | Conferences | Journals |
|---|---|---|
| National | - | 2 |
| International | 10 | 66 |

### 6. Programmes Organized / Attended

| Category | Conferences | Workshops | FDP / SDP / STTP/Webinar |
|---|---|---|---|
| Organized | 1 | 1 | FDP |
| Attended | 5 | 1 | 1 |
| Organized | Webinar | 1 | 1 |

### 7. Address

| Correspondence Address | Permanent Address |
|---|---|
| F.No.101, NS Srinivasam Apt., Ragavendhra Nagar,Nacharam,Hyderabad-500076, Telangana., India | Golla Street, Tekkali, Srikakulam Dt., Andhra Pradesh, India. Pin 532001. |

## 8. References Ethiopia, Libya and India

| 1. Dr.Teklu Urgessa | 2. Mesfin Dagne |
|---|---|
| Dean, School of Electrical and Computing | HoD, Department of CSE |
| Adama Science and Technology University, Ethiopia | Adama Science and Technology University |
| +251911896192,973019604 | +251911877138,947940205 |
| tekluurgessa2009@gmail.com | mesfindagne@gmail.com |
| **3. Dr.Satyasis Mishra**<br>Associate Profesor, Dept of ECE, PG Coordinator<br>Adama Science and Technology University, Ethiopia<br>+251904433042<br>satyasismishra@gmail.com | |
| **5. Dr. Mohamed Abdeldaiem**<br>HoD, Department of Information Technology,<br>Tripoli University, Libya<br>+218911999293<br>mabdeldaiem2009@gmail.com | |

> **Research Interests: Data Science,AI,ML, big data analytics**
> *Most recent Publications2023-24*

1.  Woyessa, G. A., Urgessa, T., **Krishna, T. G**., & Mahboub, M. A. (2023). Improving Efficiency     And Accuracy Of Criminal Case Management Of Supreme Court For Predicting Judgment And     Penalty With Machine Learning. Technische Sicherheit     (Technical Security), 23(12), 155-166. https://doi.org/22.8342.TSJ.2023.V23.12.01204. (Scopus).

2.  **Krishna, T. G**., Shakya, R. K., & Mahboub, M. A. (2023). Water Cycle Approach with     Relevance Vector ML For Brain Tumor Detection And Enhancement From MRI Images.     Technische Sicherheit (Technical Security), 23(11), 248-261. https://doi.org/22.8342.TSJ.2023.V23.11.01179  (Scopus).

## 9. Articles/ Research Publications/ Paper Presentations (Recent Published Articles)

| Sl. No. | Publication Type | Year of Publication | Title of the Article(s)/Paper(s) | Name of Journal | Author Rank | Indexing(SCI/WoS/Scopus/PubMed) |
|---|---|---|---|---|---|---|
| 3 | Journal Article | 2023 | An Improved Switch Migration Method Based Efficient Load Balancing for Multiple Controllers in Software Defined Network" | (JCIT).<br>**Journal of Cases on Information Technology Volume 25 • Issue 1,2023 July, DOI: 10.4018/JCIT.326136** | 3rd from 4 | **Scopus,**<br><br>**WoS,ESCI** |
| | | | | | | |
| 4 | Journal Article | 2023 | DDoS Attack Detection and Classification Using Hybrid Model for Multi-controller SDN | Wireless Communications and Mobile Computing, Volume 2023, Article ID 9965945, 18 pages, https://doi.org/10.1155/2023/9965945, **Hindawi** | 1st from 4 | Scopus |
| 5 | | | Bilingual Social Media Text | Journal of Namibian Studies, Vol | 4th from |  |

| # | Type | Year | Title | Journal/Publisher | Author Position | Indexing |
|---|------|------|-------|-------------------|-----------------|----------|
| | Journal Article | 2023 | Hate Speech Detection for Afaan Oromo and Amharic Languages Using Deep Learning | 34, Special Issue- S1(2023): Pg.No:250-281 ISSN: 2197-5523. | 5 corresp. author | Scopus |
| 6 | Journal Article | 2022 | Detection of the Abnormal Conditions in Industrial Machines Using Artificial Intelligence Technique | Computer Integrated Manufacturing Systems | 1st Corresp. author | Scopus |
| 7 | Journal Article | 2022 | Breast Cancer Classification from Mammogram Images Using Extreme Learning Machine-Based DenseNet121 Model | **Hindawi** Journal of Sensors | 3rd Corresp. author | Scopus |
| 8 | Journal Article | 2022 | Designing and Developing Bilingual Chatbot for AssistingEthio-Telecom Customers on Customer Services | Computer Integrated Manufacturing Systems | 3rd Corresp. author | Scopus |
| 9 | Journal Article | 2022 | Adoption of Blockchain for Academic Document Fraud Detection, Verification and Locker for Ethiopia | Computer Integrated Manufacturing Systems | 3rd corresp. author | Scopus |
| 10 | Journal Article | 2022 | Machine Learning-Based Intelligent Weather Monitoring and Predicting System | International Journal of Engineering Trends and Technology | 3rd corresp. author | Scopus |
| 11 | Journal Article | 2022 | Afaan oromo pronominal anaphora resolution using conditional random fields | Journal of Data Acquisition and Processing | 3rd corresp. author | Scopus |
| 12 | Journal Article | 2022 | Student Performance Grading Model using Deep Learning | Computer Integrated Manufacturing Systems | 4th Co-author | Scopus |
| 13 | Journal Article | 2022 | Quality Model to Improve the Trust Relationship between Customers by using E-commerce in Small Medium Enterprises | Computer Integrated Manufacturing Systems | 3rd corresp.author | Scopus |
| 14 | Book Chapter | 2022 | Classification of Brain Tumor Types on Magnetic Resonance Images Using Hybrid Deep Learning Approach with Radial Basis Function Neural Network | Recent Advances in Mathematical Research and Computer Science Vol. 7.ISBN:978-93-5547-066-9 | 1st & Corresp. author | Springer Book-series B.P publishers |
| 15 | **Patent** | 2021-22 | Speech intelligibility enhancement system for persons using covid-19 protective face masks | South Africa patent (Application Details- 2021/07927) | Patentee | Published |
| 16 | Conference | 2022 | Modeling & designing of a multilevel SVPWM & fuzzy based dynamic voltage restorer with sag & swell limiting function | 2nd deep learning Indaba X Ethiopia conference 2021 Strengthening awareness and application of machine learning and AI in Ethiopia | 4th Co-author | ASTU |

**International/Patents/Book chapters/conferences in Detail (In Past)**

**2022**

17. **T.Gopi Krishna,** Teklu Urgessa, R.Ramesh, Shubashish Bhakta, Ravindhra Babu.B, "Detection of the Abnormal Conditions in Industrial Machines Using Artificial Intelligence Technique", Computer Integrated Manufacturing Systems, Vol 28, Issue No.12, ISSN: 006-5911, Page No.2386-2398, **DOI: 10.24297/j.cims.2022.12.147**, Dec, 2022.

18. Fekadu Eshetu Hunde*, Biruk Yirga, **T.Gopi Krishna,** Shubashish Bhakta, Ravindhra Babu.B," Designing and Developing Bilingual Chabot for Assisting Ethio-Telecom Customers on Customer Services", Computer Integrated Manufacturing Systems, Vol 28, Issue No.12, ISSN: 006-5911, Page   No.2399-2429, **DOI: 10.24297/j.cims.2022.12.146**, Dec, 2022.

19. Semere Gebretinsae, Mohd Wazih Ahmad, **T.Gopi Krishna,** Nune Sreenivas, Biruk Yirga. (2022). Machine Learning-Based Intelligent Weather Monitoring and Predicting System. *International Journal of Engineering Trends and Technology,* 70(4), 152-163, **DOI 14445/22315381/IJETT-V70I4P213 (Scopus).**

20. **Firas Mohamad Ali, Adam Amril Jaharadak, T.Gopi Krishna,** "Quality Model to Improve the Trust Relationship between Customers by using E-commerce in Small Medium Enterprise", Computer Integrated Manufacturing Systems, Vol 28, Issue No.12, ISSN: 1006-5911, Page No.2074-2093, **DOI: 10.24297/j.cims.2022.12.133**, Dec, 2022.

21. Gadise Adeba Gerbi1, Biruk Yirga, **T.Gopi Krishna**, Nune Sreenivas, Ravindhra Babu.B, "Adoption of Blockchain for Academic Document Fraud Detection, Verification and Locker for Ethiopia " ,Computer Integrated Manufacturing Systems, Vol 28, Issue No.12, ISSN: 1006-5911, Page No.2370-2385, **DOI:10.24297/j.cims.2022.12.146**, Dec, 2022.

22. Ravindra Babu.B, Mesfin Abebe Haile, Bahiru Shifaw Yimer, **T.Gopi Krishna**, "Student Performance Grading Model using Deep Learning", Computer Integrated Manufacturing Systems, Vol 28,Issue No.12, ISSN: 1006-5911, Page No.1537-1553, DOI: **10.24297/j.cims.2022.12.101**, Dec, 2022.

23. Raj Kumar Pattanaik, Satyasis Mishra, Mohammed Siddique, Tiruveedula Gopikrishna, and Sunita Satapathy," Breast Cancer Classification from Mammogram Images Using Extreme Learning Machine-Based DenseNet121 Model", Hindawi Journal of Sensors Volume 2022, Article ID 2731364, 12 pages https://doi.org/10.1155/2022/2731364 (SCI)

**2021**

24   Gizachew Belayneh Gebre, Teklu Urgessa, **T.Gopi Krishna**, "Artificial Neural Network Based Amharic Language Speaker Recognition", Turkish Journal of Computer and Mathematics Education, e-ISSN **1309-4653, Vol. 12 No. 3 (2021)**, 5105-5116(**Scopus**), **DOI:** https://doi.org/10.17762/turcomat.v12i3.2043.

25. Satyasis Mishra, Demissie J. Gelmecha, Ram S. Singh, Davinder Singh Rathee and **T.Gopikrishna**, "Hybrid WCA–SCA and modified FRFCM technique for enhancement and segmentation of brain tumor from magnetic resonance images", Biomedical Engineering: Applications, Basis and Communications, ISSN (print): 1016-2372 | ISSN (online): 1793-7132 March, 2021. (**SCI & Scopus**), https://doi.org/10.4015/S1016237221500174.

26   Endalew Alamir, Teklu Urgessa , Ashebir Hunegnaw , **Tiruveedula Gopikrishna**", Motor Insurance Claim Status Prediction using Machine Learning Techniques" has been reviewed and accepted for publication in the International Journal of Advanced Computer Science and Applications (IJACSA), ISSN : 2156-5570 (Online),ISSN : 2158-107X (Print),issn.2156-5570- Volume 12 No 3 March 2021, Page No. 457-463, online paper No.54.(Scopus) DOI: 10.14569/IJACSA.2021.0120354 (**Wos, Scopus**)

**2020**

27   Endalew Alamir, Teklu Urgessa, T.GopiKrishna and Ellappan V, "Application of Machine Learning with Big Data Analytics in the Insurance Industry". International Journal of Advanced Research in Engineering and Technology, Volume 11, Issue 12, December 2020, pp. 1064-1073, Article ID: IJARET_11_12_104 Available online at (**Scopus Indexed**)

http://www.iaeme.com/ijaret/issues.asp?JType=IJARET&VType=11&IType=12
ISSN Print: 0976-6480 and ISSN Online: 0976-6499,
DOI: 10.34218/IJARET.11.12.2020.104.

28  Satyasis Mishra, Davinder Singh Rathee, Sunita Satapathy, R.C.Mohanty, **T.Gopi Krishna**, R.S.Chauhan, "Deep CNN-WCA and FLICM image segmentation for automatic detection and classification of COVID-19 Diseases", Palarch's Journal Of Archaeology Of Egypt/Egyptology Volume 17, No 9, ISSN 1567-214x,pg no. 2225-2235, 2020. (**Scopus Indexed**). https://archives.palarch.nl/index.php/jae/article/view/4132/4065

**29**  **T.Gopi Krishna**, Satyasis Mishra,Sunita Satapathy, K.V.N. Sunitha, "Segmentation and Classification of Brain Tumor from Magnetic Resonance Images Using K-Means Algorithm and Hybrid PSO-WCA Based Radial Basis Function Neural Network", International Journal of Advanced Trends in Computer Science and Engineering, Available Online at **http://www.warse.org/IJATCSE/static/pdf/file/ijatcse128952020.pdf, (Scopus Indexed**) https://doi.org/10.30534/ijatcse/2020/129952020, Volume 9, Issue 5, October 2020**.**

**30**  **Tiruveedula GopiKrishna**, Mohammed Abdeldaiem, " An application development of Consumer's Data Analysis using K-Mean clustering machine learning algorithm", Research Inventy: International Journal of Engineering And Science Vol.10, Issue 9 (September 2020), PP 49-55 Issn (e): 2278-4721, Issn (p):2319-6483, www.researchinventy.com, http://www.researchinventy.com/current-issue.html.

**2019**

31  **Mohammed Abdeldaiem, T.GopiKrishna, "**Comprehensive Study on Query Optimization Techniques used in Data Warehousing", INTERNATIONAL JOURNAL OF ENGINEERING SCIENCE AND COMPUTING IJESC, Volume 9 Issue No.10 ,October 2019.

32  **T.GopiKrishna, Mohammed AbdelDaiem Abdelhadi, "***Optimization Segmentation And Classification From MRI Of Brain Tumor And Its Location Calculation Using Machine Learning And Deep Learning Approach",* International Research Journal of Mathematics, Engineering and IT(IRJMEIT) ISSN: (2348-9766), Association of Academic Researchers and Faculties (AARF) Impact Factor- 5.489 Volume 6, Issue 3, March 2019.

**33**  **Mohamed Abdelhadi, Tiruveedula Gopi Krishna**. "A Developed Secured Model for Searching Into Secured Encrypted Data", Volume. 4 Issue. 9, - 2019, International Journal of Innovative Science and Research Technology (IJISRT), www.ijisrt.com. ISSN - 2456-2165, PP:-268-271.

**2018**

34  **T.GopiKrishna, K.V.N Sunitha, S.Mishra "***Detection and Classification of Brain Tumor from MRI Medical Image using Wavelet Transform and PSO based LLRBFNN Algorithm",* International Journal of Computer Sciences and Engineering(**IJCSE**), Research Paper, E-ISSN: 2347-2693, Volume-6, Issue-1, January-2018.

**35**  **T.GopiKrishna, K.V.N Sunitha, S.Mishra,** *"Brain Tumor Classification Using Hybrid Fuzzy C Means Based Radial Basis Function Neural Network* **",** International Journal of Recent Scientific Research(**IJRSR**) Vol. 9, Issue, 3(G), pp. 25119-25125, March, 2018**.**

36  **T.GopiKrishna, K.V.N Sunitha,** "Reviewed Study on Novel Search Mechanism for Web Mining", International Journal on Future Revolution in Computer Science &

6

Communication Engineering (**IJFRCSCE**), ISSN: 2454-4248 Volume: 4 Issue, 2018 PgNo.109 – 112**.**

37  **T.GopiKrishna,** *"Quick Understand How To Develop An End-to-End Ecommerce application with Hadoop & Spark"***,** World Journal of Technology, Engineering and Research (**WJTER**), Volume 3, Issue 1 (2018) 8-17,2018.

38  **T.GopiKrishna,** "*Analytical Study On Applications Of Web Search Using Stochastic Query Covering* ", International Journal of Engineering, Science and Mathematics (**IJESM**), Vol. 7,Issue 1,Pages:89-97, January 2018, ISSN: 2320-0294 Impact Factor: 6.765.

**2017**

39  **T.GopiKrishna, Dr.K.V.N.Sunitha** *"Research Proposal On Distinct Study And Significant Of Search Techniques In Web Mining".* International Journal of Recent and Innovation Trends in Computing and Communication (IJRITCC), ISSN 2321-8169, June 2017 Volume 5 Issue 6, UGC Approved Journal, Scientific Journal Impact Factor (SJIF) is 5.837, Pg.No.650 – 654.

40  **T.Gopikrishna**, "A performance analysis of content based ranking for search engines in web mining", Airo International Research Journal", Volume XIV, ISSN: 2320-3714 December, 2017.

**2015**

41  **T.Gopi Krishna**, "*Review discussion of communication differences between remote sensor networks and wireless ad hoc networks.*" International Journal of Engineering and Technical Research" (**IJETR**), Volume 3, Issue 5 May, 2015, **IF: 2.19, ICV: 6.53.**

42  Firas Mohammed Ali, Dr.Prof.El-Bahlul Emhemed Fgee, **T. Gopikrishna,** "*Performance Analysis of Data Mining Algorithms*", International Journal of Advanced Research in Computer Science and Software Engineering (**IJARCSSE**), Volume-5, Issue-1, January, 2015, **IF: 2.5**.

**2014**

43  **T.Gopi Krishna**, Mohamed Abdelhadi,M.Madhusudana Subramanian,"Cloud Computing Environment", "*International Journal of Computer Science an Communication Network"* *(IJCSCN),* ISSN: 2249-5789 (ONLINE), Volume 3 Issue 6, January, 2014, **IF: 4.182,ICValue:5.09**.

44  **T.Gopi Krishna,** Mohamed Abdelhadi,M.Madhusudana Subramanian "Advanced Data Mining Tools in Web Based ERP, ASP Environment" *International Journal of Computer Science and Information Technologies,(IJCSIT)* Vol 5 Issue 1 January-February, Page.No.223-226(**IJCSIT**), 2014, **IF: 3.32**.

45  **T.Gopi Krishna**, D.Nageswara Rao, Mohamed A.Abdelhadi "*Servey of abstract methods for how to safeguard against distributed denial of service attacks*", International Journal of Computer Engineering & Technology **(IJCET**), ISSN: 0976-6367(Print),ISSN 0976-6375(Online) Volume 5, Issue 2, February 2014, PP.01-08, **IF: 3.1,Thomson Reuter's Researcher ID H-9813-2016**.

**46** **T.Gopi Krishna**, Mohamed A.Abdelhadi D.Nageswara Rao, "Future Model for Information Retrieval Systems Based on Arabic Language", *International Journal of Advanced Trends in Computer Science and Engineering (IJATCSE),ISSN: 2278-3091, Vol.3, No.2, Pages: 01-03(March-April,2014) Special Issue of ICACE 2014,GIF:0.578.*

7

47 **T.GopiKrishna**, "Evaluation of Rule Extraction Algorithms" ,International Journal of Data Mining and Knowledge Management Process(**IJDKP**), ISSN:2230:9608(online), 2231-007X [Print],Volume 4, Issue 3, May,2014, page No.9-19 **DOI 10.5121/ijdkp.2014.4302**.

48 **T.GopiKrishna** "Future *Research Challenges Of Peer-to-Peer Systems*". *International Jornal of P2P Network Trends and Technology (IJPTT).* Volume- 8, Pages: 35-37, May, 2014. ISSN: 2249-2615. www.ijpttjournal.org. Published by Seventh Sense Research Group, **IF: 1.128, Thomson Reuter's**.

49 **T.GopiKrishna**, Mohamed A.Abdelhadi "I*nternational Journal of Advances in Software Engineering & Research Methodology"(IJSERM) "Future Data Mining Tools : (Web Based Mining with ERP)", Volume 1: Issue 2,Pages:23-27, 25th June 2014,SEEK Digital IF: 1.5.*

50 **T.GopiKrishna**, "*Ensemble Techniques To Increase Classification Accuracy (ETICA)*", "International Journal of Engineering Science and Innovative Technology (**IJESIT**)" Volume 3, Issue 4, and ISSN: 2319-5967 ISO 9001:2008 Certified, July 2014, **IF: 1.913.**

51 **T.GopiKrishna**, "*Comparison of design methods of Data warehousing*", *International Journal of Science and Applied information Technology (IJSAIT),* vol.3, no.3, Pages: 32-35, July, 2014, **SJIF:4.304,DIIF: 1.067.**

52 D.NageswaraRao, **T.GopiKrishna**, Madhusudan Subramanian, "Electronic Commerce Environment: COMPUSOFT, An international journal of advanced computer technology (**IJACT**), ISSN: 2320-0790 3(2), February-2014 (Volume-III, Issue-II), Impact Factor of Index Copernicus Value, **ICV 7.43 & IF: 3.3, ISI Journal.**

53 Ch.V.N.Sanyasi Rao, **T.GopiKrishna**, "SQL performance tuning", International Journal of Computer science engineering and Technology" (**IJCSET**), ISSN: 2231-0711, Volume-4, Issue-12, Page 344-346, and December, 2014, INDEX OF COPERNICUS.

54 **Mohamed Abdelhadi, T.GopiKrishna**, Gassan Kanann, "Developed Taxonomy for Information Retrieval Systems Based on Arabic Language", "*International Journal of Soft Computing in Engineering (IJSCE),* Vol. 3 Issue 6, ISSN: 2231-2307, Janunary,05, 2014, **IF:3.76, ISI Journal.**

**2013**

55 **T.Gopi Krishna**, Dr.Mohamed Abdeldaiem Abdelhadi, Sabahldin A.Hussain,"*Technically Research on Framework For Data Mining – Multidimensional Database*", *International Journal of Engineering Research &Technology (IJERT),* Vol 2, Issue 10, ISSN: 2278-0181, October, 2013, **IF:2.70, ISI Journal.**

56 **T.GopiKrishna**, Dr.MohamedAbdeldaiemAbdelhadi, Madusudana Subramanian, "Stable and accurate predictive models and integration of data warehousing, data mining and database technologies with patterns",(*IJOART*)*International Journal of Advancements in Research & Technology,*ISSN: 2278-7763,Vol 2, Issue 10, October, 2013, **IF: 4.**

57  **T.Gopi Krishna**, Dr.Mohamed Abdeldaiem Abdelhadi, Madusudana Subramanian, "A New Patterns and Techniques in Knowledge Discovery through Data Mining", *International Journal of Management and Information Technology* (***IJMIT***), ISSN: 2278-5612, Vol.7, No.1 November, 2013, **IF: 0.69.**

58  **T.Gopi Krishna**, Dr.Mohamed Abdeldaiem Abdelhadi, Sabahldin A.Hussain"Towards OLAP-Based Data Mining Using Multidimensional Database and Fuzzy Decision Trees", *International Journal of Innovative Technology and Exploring Engineering* (***IJITEE***), ISSN: 2278-3075, Vol-3, Issue-6, and Nov, 2013, **IF: 3.48.**

59  **T.Gopi Krishna**, Dr.Mohamed Abdeldaiem Abdelhadi, Madusudana Subramanian, "Limitations, Patterns And Integration Of Data Warehousing, Data Mining And Database Technologies- Multidimensional Approaches", *International Journal of Scientific & Engineering Research*, (***IJSER***), ISSN: 2229-5518, Volume 4, Issue 11, November-2013,**IF: 3.8**.

60  **T.Gopi Krishna**, Dr.Mohamed Abdeldaiem Abdelhadi, Madusudana Subramanian,"Advanced Patterns and Techniques In Knowledge Discovery Through Data Mining", *International Journal of Advanced Research in Computer Science and Software Engineering (**IJARCSSE**), ISSN: 2277|128X), Vol 3, Issue 10, October– 2013,* **IF: 2.5.**

61  **T.Gopi Krishna**, Mohamed Abdelhadi,M.Madhusudana Subramanian, "*Expert Systems in Real world Business", International Journal of Advance Research in Computer Science and Management Studies" (**IJARCSMS**),* ISSN:(Online): 2321-7782 ISSN (Print): 2347-1778, Volume 1 Issue-7, 2013, **IF: 6.047**.

62  **MohamedA.Abdelhadi**, **T.Gopi Krishna**, Gasman Kannan,"A new Developed Model for Arabic Information Retrieval System based on Knowledge Base System" *International Journal of Emerging Research in Management & Technology* (***IJERMT***), Volume-2, Issue-11, ISSN: 2278-9359,Nov-2013,**IF: 1.492**.

**2012**

63  **T.Gopi Krishna**, "Data Mining Techniques", *International Journal of Ideas(**IJI**), S.No.1, Vol.3,ISSN: 2231-0150 January, 2012, Half Yearly Journal with* **IF: 0.9.**

64  **T.Gopi Krishna**, "*Data Warehousing Tools Performance Evaluation*", *International Journal of Ideas (**IJI**), S.No.1, Vol.3, ISSN: 2231-0150 January, 2012, Half Yearly Journal with* **IF: 0.9.**

**National**
**2012**

65  **T.Gopi Krishna**, *"Knowledge Discovery through Data mining"*, *National Journal of Ideas* ***(NJI)**,* S.No.1, Vol.1, October, 2012.

66  **T.Gopi Krishna**, *"Data Warehousing"*, *National Journal of Ideas* ***(NJI)**,* "THE KNOWLEDGE NEWS". S.No.1, Vol.1, October, 2012.

**10. Conferences / Workshops / Seminars/proceedings**

1. 2nd International Conference on IoT Based Control Networks and Intelligent Systems(**ICICNIS 2021**) "Novel study of Machine Learning Algorithms with Supervised Learning Approach to solve real time big data applications using Hadoop and Spark" to be held in Kerala, India during 28-29, June 2021.( ELSEVIER-SSRN Digital Library)

2. 1st International Conference on Engineering Research and Technology Transfer (**ICERTT-2K21**), "Review of Machine Learning Algorithms with Supervised Learning Approach to solve real time big data applications using Hadoop and Spark", Bule Hora University, Blue Hora University, Ethiopia, held in May 14-15, 2021.

3. 4th International conference on Computational vision and Bio Inspired computing (**ICCVBIC-2020),"** "Breast Cancer Detection and Classification Using improved FLICM Segmentation and Modified SCA based LLWNN Model", Proceedings by Springer, Pg. No 411-423Coimbatore, Tamilnadu, India during 19-20, November 2020. **(Scopus Indexed).**

4. International Conference on Computing, Engineering and Technologies **(ICCET 2014)** Date: *July 07, 2014* Venue: *Hotel Sandesh the Prince, Mysore, India,* Title "**Comparison of Design Methods of Data Warehousing"** Organized by (WARSE) THE WORLD ACADEMY OF RESEARCH IN SCIENCE AND ENGINEERING, **paper presented**.

5. **ICACE-2014**, INTERNATIONAL CONFERENCE ON ADVANCES IN COMPUTER SCIENCE AND ENGINEERING, **Paper successfully presented** Titled as **"Future model for information retrieval systems based on Arabic language"** Organized by (WARSE) THE WORLD ACADEMY OF RESEARCH IN SCIENCE AND ENGINEERING, at Mysore, India on 10th March, 2014.

6. **CSEE-2014** INTERNATIONAL ADVANCES IN COMPUTER SCIENCE AND ELECTRONICS ENGINEERING. Authored a Paper Titled as **"FUTURE DATA MINING TOOLS: (WEB BASED MINING WITH ERP")** Organized by **(theIRED)** INSTITUTE OF RESEARCH ENGINEERS AND DOCTORS at KAULA LUMPUR,MALAYSIA ,08-09 March, **2014 paper presented, DOI:** 10.15224/978-1-63248-000-2-39 **Page(s):** 39 – 43 **ASSOCIATED NETWORK:** UACEE,**.**

7. **3rd International research symposium on emerging technologies and energy for sustainable development**, Paper titled as "Enhancement and detection of brain tumor from MRI Using water cycle algorithm and relevance vector machine learning approach".Adama Science and Technology university, May,9-11, 2019.

8. **4th IEEE** International Advance Computing **Conference, Paper presented as a poster** on February, 21, 22, 2014 at Gurgaon, India.

9. **2nd IEEE** Conference on Advanced Computational and Communication Paradigms (**ICACCP**) **March, 978-1-5386-7989-0/19/$31.00 ©2019 IEEE at Sikkim, India.**

**11. Books Published**

1. Book Titled as *"QUICK LEARN BASICS OF COMPUTER"*, Authored and has published with **ISBN10, ISBN13 9351280748,9789351280743**, by Kalpaz National publishers, New Delhi, March, 2014.
2. Book Chapter-"Classification of Brain Tumor Types on Magnetic Resonance Images Using Hybrid Deep Learning Approach with Radial Basis Function Neural Network", T. Gopi Krishna* , Satyasis Mishra b , Sunita Satapathy c , K. V. N. Sunitha d and Mohamed A. Abdelhadie, Print ISBN: 978-93-5547-066-9, eBook ISBN: 978-93-5547-074-4,book title: Recent Advances in Mathematical Research and Computer Science Vol. 7,Chapter-5,**January,2022**,DOI: 10.9734/bpi/ramrcs/v7/1579B.

**12. Reviewer of peer reviewed indexed international journals.**

      1. Asian Journal of Research in Computer Science
      2. Asian Research Journal of Mathematics
      3. Journal of Pharmaceutical Research International (**PubMed**)
      4. Asian Journal of Education and Social Studies

**13.    Patents**

    **1.** A System and a Method for Non-Intrusive Speech Quality and Intelligibility Evaluation Measures using FLANN Model Inventor(s) Dash, Tusar Kanti ; Sahoo, Prabodh Kumar ; Mishra, Satyasis ; GopiKrishna, Tiruveedula ; Panda, Ganapati Republic of South Africa, Australian application number, 2021101586. Effective date of patent 2021-03-28 Expiry date 2029-03-28.

    2. Speech intelligible enhancement system for persons using COVID-19 protective face Masks, Republic of South Africa, Application No. 2021/07927.

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I, the under signed, have completed the above information in good faith and is true to the best of my knowledge and I can provide authenticated document on request.

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