

RESUME

Dr. G. SHANKAR LINGAM

MCA, M.Phil.(CS), M.Tech.(CSE), APSET,UGC-NET, Ph.D, D.Litt.

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**1. OBJECTIVES:**

* To strive for academic excellence and impart quality education with emphasis in bridging the lacuna of industry and university curriculum.
* To inculcate the habit of executing effective implementation and rectification of real time issues in and out the academics.

**2.** **PROFESSIONAL QUALIFICATION:**

* Doctor of Letters (D.Litt.) a honorary degree from University of South America as recommended by Dr. S. Radhakrishnan - Research & Development Center, India.
* Qualified UGC-NET (National Eligibility Test for Assistant Professor) in Computer Science & Applications conducted by University Grants Commission (UGC), New Delhi, in December, 2014.
* Ph. D in Computer Science and Engineering with thesis topic “Processor Architecture: A Study” from CMJ University in 2013.
* Qualified, Andhra Pradesh State Eligibility Test for Assistant Professor (APSET) in the subject Computer Science & Application in 2013.
* M.Tech. in Computer Science and Engineering with First Class with Distinction (75%) from JNTU, Hyderabad in 2009.
* M.Phil. in Computer Science with First Class (66%) from Periyar University, Salem in 2008.
* Master of Computer Application with First Class (67%) from Chaitanya Post Graduate College, Kakatiya University, Warangal in 1997.
* Bachelor of Science in Mathematics, Physics & Chemistry with First Class(62%) from Chaitanya Degree College, Kakatiya University, Warangal in 1994.

**3.** **ACADEMIC EXPERIENCE: 26+ Years of continuous Service at Chaitanya as Administrator & Academician.**

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| --- | --- | --- | --- |
| Period | Designation | Organization/Institution | Experience |
| 01-May 2021 to  Till Date | **Dean, Faculty of Engineering & Technology & Professor** | **CHAITANYA (DEEMED TO BE UNIVERSITY)**  **Hanamkonda, Telangana State**  **Formerly Chaitanya Institute of Technology & Science (Chaitanya Group of Institutions)** | 3 Years |
| 01-Jun-2013  To  31-July-2023 | **Principal & Professor** | **CHAITANYA INSTITUTE OF TECHNOLOGY & SCIENCE**  HANMAKONDA, WARANGAL, TELANGANA | 10 Years |
| 17-Jun-2010  To  31-May-2013 | **Assoc. Professor**  **Dept. of Comp. Sci. & Engg.** | **CHAITANYA INSTITUTE OF TECHNOLOGY & SCIENCE**  HANMAKONDA, WARANGAL, TELANGANA | 3 Years |
| 01-Jan-2009  To  16-Jun-2010 | **Director**  **MCA Programme** | **CHAITANYA POST GRADUATE COLLEGE(MCA)**  HANMAKONDA, WARANGAL, TELANGANA | 1 Years  6 Months |
| 19-Jun-1998  To  31-Dec-2008 | **Head,**  **Dept. Of Comp. Sci. (MCA)** | **CHAITANYA POST GRADUATE COLLEGE(MCA)**  HANMAKONDA, WARANGAL, TELANGANA | 10 Years  6 Month |

1. **MEMBER OF ACADEMIC & ADMINISTRATIVE BODIES:**

* **Member**, **EXECUTIVE COUNCIL(EC)**, CHAITANYA DEEMED TO BE UNIVERSITY (July 2023 to Till Date)
* **Evaluation Commissioner, INTERNATIONAL ACCREDITATION ORGANIZATION (IAO) -India Chapter**, (July, 2023 to July, 2028)
* **Member**, **Academic Council,** CHAITANYA DEEMED TO BE UNIVERSITY) (2020 to Till Date)
* **Member**, **Financial Committee,**  CHAITANYA DEEMED TO BE UNIVERSITY) (2020 to Till Date)
* **Chairman, Board of Studies, Computer Science & Engineering,**  CHAITANYA DEEMED TO BE UNIVERSITY) (2021 to Till Date)
* **Member**, **Governing Body**, Chaitanya Post Graduate College(Autonomous), Hanmakonda
* **Member**, **Academic Council**, Chaitanya Post Graduate College (Autonomous), Hanmakonda. (2009 to 2020)
* **Chairman, Board of Studies, Computer Science(PG),** Chaitanya Post Graduate College(Autonomous), Hanmakonda.(2009 to 2020)
* **Member**, Cell constituted for Internal Quality Assurance for Chaitanya Post Graduate (NAAC). (2007 to 2019)

1. **TEACHING EXPERIENCE : 25 Years: The subjects taught for UG & PG Professional Programs** 
   * Programming Concepts in C /C++
   * Data structure and Algorithm Analysis with C++/Java
   * Object Oriented Programming with C++/Java
   * Computer Networks
   * Computer Graphics
   * Database Management System
   * Advanced Java/Web Technology
   * .Net Programming with C#/Vb.Net
   * Cryptography & Network Security
   * Design and Analysis of Algorithms
   * Advanced Programming in J2EE
   * Windows Phone 7 Programming
   * Mobile Application Development with J2ME
2. **ACADEMIC EXCELLENCE:**

* **EXAMINER: (Practical Examination, Paper Valuation & Paper Setting)**
* Acting as an Examiner (Internal and External) of Kakatiya University,Warangal 1999 to till date.
* Acting as an Examiner of JNTU, Hyderabad 2010 to till date.
* Acting as an Examiner for Engineering PG Courses, IIMT University, Merut from 2015 to till date
* Acting as an Examiner of KITS, Warangal from 2018 to till date.
* **CHAIRMAN, BOARD OF STUDIES, Dept. of Computer Science, Chaitanya Postgraduate College (Autonomous) from 2009 to 2019.**
* Designed MCA course curriculum along with other members of BOS as per industry standards.
* Added two industry specializations (Cloud Computing, Windows Phone 7 Programming) with the support of Microsoft in MCA curriculum.
* Moderated exam question papers for MCA course.
* **CHAIRMAN, BOARD OF STUDIES, Dept. of Computer Science & Engineering, Chaitanya Deemed to be University, from 2021 to Till Date.**
* Designed Engineering UG and PG courses curriculum along with other members of BOS as per industry standards.
* Designed Joint Degree Programme with IBM specialization in Artificial Intelligence & Data Science, Cyber Security and IOT.
* **Member, Academic Bodies, Chaitanya Deemed to be University, from 2021 to Till Date.**

Volunteer in designing guidelines/regulations of Admissions, Examination, Research

* **Member, Executive Council, Chaitanya Deemed to be University, from 2023 to Till Date.**

1. **TECHNICAL EXCELLENCE:**

**Technical Skills:**

**Programming Languages:** COBOL,Pascal, FORTRAN, C, C++, Java, Visual Basic, VB.Net, C#

**Web Technologies:** HTML, Java Script, CSS, Bootstrap, JSP, Servlet, EJB 3.0, ASP.Net, VB Script, PHP

**Specification**: J2ME,J2SE,J2EE

**Reporting:** Crystal Reports, Data Reports

**Database:** Oracle, MySQL, PostgreSQL, DB2, SQL Server, Microsoft Access, Foxpro

**Application/Web Servers:** IIS, Tomcat, Glassfish, Web sphere, Apache**.**

**CRM:** Salesforce

**App Development:** Android

**Development Tools/IDE:** Visual Studio, Eclipse, NetBeans, Android Studio.

**Networking:** Established SixComputer Laboratories and configured them with LAN and Wi-Fi of Chaitanya Post Graduate College and Chaitanya Institute of Technology & Science.

* Installed and maintained Windows Servers with Domain Controller Setup, DNS for providing labs to students and conducting Online Examinations like TOFEL,CPT, etc.,
* Installed and maintained UNIX Server, Red hat Linux Server for the Laboratories.
* Established and maintained Client-Server Environment with Oracle, Microsoft SQL, DB2, MySQL Database Server and Client.

**Software Development:** I developed the following client-server desktop automation software's for the Chaitanya Group of Institutions and support since 1999.

1. **Admission Process**: Developed the first software by using a package named DBASE / FOXPRO in the year **1999** for **Chaitanya Degree & PG College**. This software was used for four years successfully and later a new version of this software is released in Visual Basic 6.0 with back-end Oracle Database Server.

**Services:**

* Add the student details of those applied for admission.
* Generate First, Second and Third Provisional Admission Allotment List based on merit and reservation policy.

1. **Attendance Maintenance System**: Developed a Software by using a package named DBASE / FOXPRO in the year **2000** for **Chaitanya Degree & PG College**. This software was used for four years successfully and later a new version of this software is released in Visual Basic 6.0 with back-end Oracle Database Server.

**Services:**

* Manage Students, Faculty, Course details.
* Add the period wise attendance slip.
* Find the duplicate attendance slip taken in same period for same class by different faculty.
* Print Daily, Weekly, Bi-Weekly, Monthly attendance report.
* Sending individual student attendance by post, later it will upgrade to send by SMS.

1. **Accounts Software:** Developed a Software by using Visual Basic 6.0 with Oracle Database Server in the year **2004** for **Chaitanya Degree & PG College** and same was using till today at our university office to manage Receipts, Payments,Accounts and generate reports for auditing.
2. **Examination Software:** Developed a Software by using Visual Basic 6.0 with Oracle Database Server in the year **2005** for **Chaitanya Degree & PG College** to manage every student quarterly, half-yearly, pre-final examination marks and university examination marks. The attendance and marks obtained of every student sent to parents by SMS.
3. **Examination Software System for autonomous Institution:** Developed a complete automation software by using VB.NET, ASP.NET and PostgreSQL Database Server in the year **2009** for **Chaitanya Degree & PG College (Autonomous)** and provided services like application, generate seating allotment, coding, marks entry, moderation, flotation, result declaration, short and long memo issuing.

**Web Development:** Designed, developed and maintained the following websites for the Chaitanya Group of Institutions and Chaitanya (Deemed to be University) by Using web technologies HTML, CSS, JS (Client Side), ASP.Net, PHP(Server Side) with Oracle and MySQL Database. The websites include all the above-mentioned services like admission, examination, accounts, sms, email, online examination, digital library, etc.,

[www.chaitanyacolleges.com](http://www.chaitanyacolleges.com) [www.citswarangal.ac.in](http://www.citswarangal.ac.in),www.citswarangal.com [www.chaitanyacolleges.ac.in](http://www.chaitanyacolleges.ac.in) pharmacy.chaitanyacolleges.com

[www.cdu.ac.in](http://www.cdu.ac.in), www.chaitanya.edu.in

**Web Hosting & Server Maintenance**: All the website's domain name was registered by using GoDaddy and hosted our websites on our Windows Web Servers with IIS and managed by me since 2009.

**Mobile App:**  Developed Android mobile application for Chaitanya Group of Institution/University to track information by students and parents and placed in the Google Play Store.

**Certifications:**

* Appeared for Oracle Certification Exam “1Z0-007 Introduction to Oracle 9i : SQL” on 25th September, 2009 and certified with 90.38%.
* Appeared for IBM Certification Exam on “DB2 9 Family Fundamentals” and got the certificate “IBM Certified Database Associate” on 27th November 2009.

**RESEARCH EXPERIENCE:**

* A Thesis submitted “Processor Architecture: A Study” for the award Ph. D. in Computer Science & Engineering.
* A Project Report on “BUSINESS-BASED SMS MOBILE SEARCH” submitted for the partial fulfilment of Master of Technology in Computer Science & Engineering.
* Dissertation “A STUDY OF PARALLEL ALGORITHMS FOR GEOMETRIC SHORTEST PATH PROBLEMS” submitted for the partial fulfilment of Master of Philosophy in Computer Science.
* Worked as SPOC and Ambassador for IBM “The Great Mind Challenge” event and guided a minimum of 5 teams participated in the event successive 4 years.
* Guided a minimum of 5 teams in every year to do their project as a part of MCA from 2000 to 2010.
* Guided approximately 50+ project dissertations for MCA students.
* Guided 16 project dissertations for M.Tech. students.

**Publications:**

1. Published a paper entitled **“Processor Architecture: A Study”** in the **International Journal of Scientific Engineering and Technology Research (**ISSN 2319-8885, Impact Factor: 3.8**)** in December-2012- Vol 01, Issue 03(pages 258-262)
2. Published a paper entitled **“Optimization in Multiprocessor Systems”** in the **International Journal of Technology and Innovative Research (**ISSN 2348-2370, Impact Factor: 3.1**)** in February, 2013- Vol.05, Issue 01(pages 345-348).
3. Participated and Presented a Paper in National Conference on Futuristic Areas in Computer Science Engineering & Technology (FACET-13) on “**Ranking Spatial Data for Flats by Quality Preferences**” organized by KITS, Singapore, Huzurabad on 10th and 11th October, 2013.
4. Published a paper entitled “**Design and Implementation SMS Based Mobile Search for an Industry**” in the **International Journal of Innovative Technologies** (ISSN 2321-8665)in January, 2016-Vol. 04, Issue 01(Pages 0206-0210).
5. Published a paper entitled “**Importance of Big Data in Metro Cities**” in the **International Journal of Advanced Technology and Innovative Research** (ISSN 2348-2370, Impact Factor: 3.1**)** in February, 2016-Vol. 08, Issue 02(Pages 0403-0405).
6. Published a paper entitled “**Ranking and Suggestion Rules: Finding Popularity of Songs**” in the **International Journal of Scientific Engineering & Technology Research (**ISSN 2319-8885, Impact Factor: 3.8**)** in March, 2016-Vol. 05, Issue 07(Pages 1456-1460).
7. Published a paper entitled “**User Interfaces and the Applications for Mobile Devices”** in the **International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE) (**ISSN 2319-8885, Impact Factor: 6.577**)** in March, 2016-Vol. 03, Issue 07.
8. Published a paper entitled “**Mobile Applications as Cloud Computing: A Study”** in the **International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE) (**ISSN 2319-8885, Impact Factor: 6.577**)** in April , 2016-Vol. 04, Issue 04.
9. Published a paper entitled “**A Framework to Assist Selection of Multi Cloud Service Providers”** in the **International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE) (**ISSN 2319-8885, Impact Factor: 6.577**)** in May, 2016-Vol. 04, Issue 05.
10. Published a paper entitled “**A Study on Discovery of Ranking Fraud for Mobile Apps”** in the **International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE) (**ISSN 2319-8885, Impact Factor: 6.577**)** in June, 2016-Vol. 04, Issue 06.
11. Published a paper entitled “**Design and study of Android Based SDK’S for Mobile devices”** in the **International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE) (**ISSN 2319-8885, Impact Factor: 5.621**)** in July, 2016-Vol. 05, Issue 07.
12. Published a paper entitled “**Design a Cross Platform Mobile Application for Student Information System”** in the **International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE) (**ISSN 2319-8885, Impact Factor: 5.621**)** in October, 2015 -Vol. 04, Issue 10.
13. Published a paper entitled “**A Broad Study on mobile cloud computing as forthcoming mobile applications”** in the **International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE) (**ISSN 2319-8885, Impact Factor: 5.621**)** in January, 2016 -Vol. 05, Issue 1.
14. Published a paper entitled “**A Comprehensive Survey on Contemporary Mobile Phone Processors”** in the **International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET) (**ISSN 2319-8885, Impact Factor: 6.209**)** in December, 2015 -Vol. 04, Issue 12.
15. Published a paper entitled “**Progression of Hardware platform of mobile phone processors”** in the **International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET) (**ISSN 2319-8885, Impact Factor: 6.209**)** in November, 2015 -Vol. 04, Issue 11.
16. Published a paper entitled “**Investigation of Mobile user interface design performance – A case study”** in the **International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET) (**ISSN 2319-8885, Impact Factor: 6.209**)** in February, 2016 -Vol. 05, Issue 2.
17. Published a paper entitled “Security Protection Based Access Control Scheme in Cloud-Based Administration” in IJAEMA Journal (ISSN NO: 0886-9367)
18. **STRATEGIC DIRECTIONS FOR HUMAN-COMPUTER INTERACTION DESIGN FOR MOBILE DEVICES**, *International Journal of Innovative Research in Technology*[(www.ijirt.org)](http://ijirt.org/) ,ISSN: 2349-6002 ,Volume 3 ,Issue 5 ,Page(s):300-304 ,July 2017.
19. **AN ASSESSMENT OF LAYOUT PATTERNS OF MOBILE USER INTERFACES**, *International Journal of Innovative Research in Technology*[(www.ijirt.org)](http://ijirt.org/) ,ISSN: 2349-6002 ,Volume 2 ,Issue 9 ,Page(s):191-195 ,July 2017
20. **An Exploration of Mobile Application Development Processes -** [An Exploration of Mobile Application Development Processes](http://ijirt.org/master/publishedpaper/IJIRT144704_PAPER.pdf) Authors: Dr.G.Shankar Lingam Year: | Volume: 3 | Issue: 2 | PageNo: 269-27
21. ” Efficient File Search over Encrypted Cloud Data”, IJAEMA Journal, Vol-8,Issue-1,2015
22. “A Novel Approach for Traceable Verification Search”, JICR Journal,2016
23. “A Survey on Disease Prediction by Machine Learning over Big Data from Healthcare Communities”, JICR Journal, 2017
24. “Identical Search by Using String Similarity by Using Hashing”, IJAEMA Journal, Vol-10, Issue-12, 2018
25. “Graph Based Ranking Forge for Image Retrieval”, IJAST Scopus Journal, Volume 129, Issue-1, August 2019
26. “Crowd Sourcing Classification by Using DLTA Framework”, JOICS Journal, 2019
27. “An Empirical Study of Smartphone Platforms Usability: A Study”, International Journal of Research, Vol-3, Issue-12, August 2016.
28. “An Investigation experience of a mobile tablet Application Prototypes”, International Journal of Research, Vol-3, Issue-18, December 2016.
29. Cloud-Enabled WBANs for Ubiquitous Healthcare Applications: Data Collection and Privacy Preserving Approach, [Soft Computing and Signal Processing](https://link.springer.com/book/10.1007/978-981-13-3393-4)pp 117-128 (Springer)-February 2019.
30. Classification Techniques to Predict Rheumatoid Arthritis Using Machine Learning – A Review- [2024 MIT Art, Design and Technology School of Computing International Conference](https://ieeexplore.ieee.org/xpl/conhome/10574857/proceeding)-IEEE-July, 2024
31. Predicting Stock Price using Python with Best Accuracy Rate: How the Data Science 91 and Machine Learning Working for Predictions and Accuracy- The Indian Journal of Technical Education -ISSN 0971-3034-Pages 91-97- Volume 46 l No 4 l October-December 2023.
32. How the Machine Learning Works for Mid Cap Stock Predictions: A Brief Analysis of Stock Behavior- The Indian Journal of Technical Education -ISSN 0971-3034-Pages 98-102- Volume 46 l No 4 l October-December 2023.
33. An AI Based Platform for Rheumatoid Arthritis Disease Using Cascade Inception Based Deep CNN Classification with Transfer Learning Inference-AJIR Abstracts-February,2024.
34. [Inventory control problem using Metaheuristic Techniques: Application to Two Warehouse Inventory Model](https://philstat.org/index.php/MSEA/article/view/2807)-Mathematical Statistician and Engineering Applications, 72(2), 91–105- [Vol. 72 No. 2 (2023)](https://philstat.org/index.php/MSEA/issue/view/20)
35. A FRAMEWORK TO INTEGRATE CLOUD SERVICES IN HIGHER EDUCATIONAL INSTITUTIONS-Juni Khyat- ISSN: 2278-4632- Vol-13, Issue-09, No.01, September: 2023.
36. Futuristic Constructive Strategic Leadership Management: Frontiers in decision making in the era of Innovation, Technology, Sustainability and Artificial Intelligence,Sixth International Conference on Real-Time Intelligent Systems (RTIS 2024) Tien Giang University My Tho (near Ho-chiMinh) Vietnam October 17-19, 2024.
37. Multi-dimensional Data Encryption in IoT Enabled Healthcare ,Springer Conference on Modeling and Forecasting Global Economic Issues (MFGEI 2024) October 17-19, 2024 Tien Giang University, My Tho.
38. Innovation and Digital Transformation for Sustainable Futures: Seizing the Opportunity,International Seminar on PATHWAYS TO INCLUSIVE AND SUSTAINABLE HUMAN DEVELOPMENT - ISSUES AND CHALLENGES PATHWAYS TO INCLUSIVE AND SUSTAINABLE HUMAN DEVELOPMENT - ISSUES AND CHALLENGES 24 December 2024 VENUE: Mandya University, Mandya
    * **Conferences, summer/winter schools/workshop attended**: **20**

1. Attended 3-day course on “**Computer Maintenance**” sponsored by the UGC, New Delhi, Organized by the Academic Staff College, Goa University from 15th to 17th October, 1998.

1. Attended the two weeks AICTE/QIP Short term Course for MCA Teachers on “**Document Management**” from 13th to 25th March, 2006. The Course was sponsored by the AICTE, New Delhi, organized and conducted by the Department of Computer Science and Engineering, College of Engineering, Anna University, Chennai – 600025.
2. Attended and Participated in **Campus Connect Faculty Enablement Program**(FEP) held at InfoSys, Hyderabad from 26th November,2006 to 08th December, 2006, conducted by **INFOSYS TECHNOLOGIES LIMITED** for Institute for Electronic Governance – Jawahar Knowledge Centre(IEG – JKC).
3. Participated in **IBM-FACULTY DEVELOPMENT PROGRAMME** during 21st to 23rd September, 2007 held at SRIST, Nalgonda, A.P., organized by IBM.
4. Attended 5-day **Oracle Faculty Enablement Program** from 21st July 2008 to 25th July 2008 conducted jointly by IEG – Oracle India Private Limited at Sree Chaitanya Engineering College, Karimnagar Dist, A.P.,
5. Participated in Train The Trainer Program on “**Infrastructure Management Services(IMS)”** held at Infosys Technologies Ltd., Hyderabad 6th to 8th August, 2008, conducted by **Infosys Technologies Limited**.
6. Attended a workshop organized by Microsoft & IEG/JKC through MANA TV on “Systems Integration: The Microsoft way” on 20th February, 2009.
7. Attended a two week Staff Development Programme on “Frontiers in Data Mining – Trends, Prospects and Perspectives” sponsored by AICTE, New Delhi, organized by Alluri Institute of Management Sciences, Hanmakonda.
8. Attended a 3 days Faculty Connection Summer Symposium organized by Microsoft Corporation at New Delhi from 20th June,2011 to 22nd June,2011.
9. Attended Advantage AP program organized by the Government of Andhra Pradesh for two days on 21st and 22nd of June 2012.
10. Attended one-day FDP on Research Methodology in SVS Group of Institutions conducted by the Department of CSE on 26th August, 2012.
11. Participated and Presented a Paper in the National Conference on Futuristic Areas in Computer Science Engineering & Technology (FACET-13) on “Ranking Spatial Data for Flats by Quality Preferences” organized by KITS, Singapore, Huzurabad on 10th and 11th October, 2013.
12. Attended 5 day workshop for Certification on Java Fundamentals & Programming from 21st to 25th October, 2013 under IEG/JKC conducted by Oracle Academy at BITS, Narsampet, Warangal.
13. Attended a Two-week ISTE workshop on Computer Programming conducted by IIT, Bombay under the National Mission on Education through ICT(MHRD, Govt. of India) from 16th to 21st June 2014.
14. Attend a 2-day Microsoft Faculty Connection Summer Symposium at New Delhi on 26th and 27th June 2014.
15. Attended a 2 day Deloitte program named “COURAGEOUS PRINCIPALS” at Hyderabad on 23rd and 24th November,2017.
16. Attended a 1-day workshop on “Opportunities and challenges in the implementation of AICTE, Internship Policy” at AICTE at New Delhi on 29th September 2019.
17. Attended 7 days AICTE Sponsored Short Term Training Programme on “Big Data Analytics and Research Issues” at Jayanmukhi Institute of Technological & Sciences on 2nd -7th December 2019.
18. Attended AICTE Sponsored Two Weeks FDP on “Data Science & Its Research Confronts” at Jayanmukhi Institute of Technological & Sciences on 2nd -13th January, 2020.
19. Attended 2 days AICTE Sponcered National Seminar on “JINI Technology” at Jayanmukhi Institute of Technological & Sciences on 1st -2nd , Decemeber, 2017.
20. Attended EPSI’s National Conference on “Implementation of **NEP** **2020**: Challenges and Opportunities for Educational Institutions” on 30th November, 2021.

**Conferences, summer/winter schools/workshop conducted: 10**

* + Conducted training program “**Infosys Campus Connect Foundation Program**” successfully two times for the students of MCA.
  + Conducted IBM-FDP from 31st January, 2008 to 1st February, 2008 at Chaitanya Postgraduate College in co-ordination with IEG/JKC & IBM.
  + Conducted 5 days Oracle FEP jointly by IEG & ORACLE India Private Limited from 25th to 29th August, 2008.
  + Conducted one day workshop on Job Opportunities by Mr. Tarun Kishore, Infosys Recruitment Manager on 30th September, 2008 for MCA students.
  + Conducted One day Training program for IBM TGMC projects to MCA Students by Mr. Somnath Thigale, IBM Resource Person on 15th October, 2008.
  + Conducted Oracle Training Program for Oracle Certified Associate on 24th September, 2009 in co-ordination with IEG/JKC & Oracle to the MCA Students.
  + Conducted Training Program on “DB2 9 Family Fundamentals” for one month and an online exam was held on 27th November,2009 to the MCA Students.
  + Conducted an Online Training Programme “Virtual Tech Days” for Faculty and Students of MCA with the support of Microsoft Corporation on Latest Technologies like Window Azure and Windows Phone 7 Programming for 3 days from 28th to 30th September, 2011.
  + Conducted Training Program for Microsoft Technology Associate Certificate on 22nd and 23rd December 2012 for Students of MCA and B.Tech..
  + Conducted 5 day workshop for Certification on Java Fundamentals & Programming from 21st to 25th March, 2014 for B.Tech. students at Chaitanya Institute of Technology & Science, Hanmakonda with support of Oracle Academy and issued “Java Fundamentals & Programming” certificates to 80 students.

Journal Editor:

* Editorial Board Member, [The International Journal Of Analytical And Experimental Modal Analysis](https://ijaema.com/)
* Editor-in-Chief, Journal of Innovative Exploration in Engineering & Technology

Conference Chair:

* International Conference On Computational Intelligence & Sustainable Development – 2022
* International Conference On Computational Intelligence & Sustainable Development – 2023

Other Contributions:

* + Rendered services for the NAAC accreditation for the College
  + Extended services for the Autonomous Status for the College
  + Visiting as Guest Faculty in Various reputed Institutions.

Awards:

* ELSEVIER Best Academician Award presented at IJIEMR-ELSEVIER SSRN RESEARCH AWARDS-2022 Vijayawada on 20th December 2020.
* International Part Time Research Fellowship Award for outstanding contribution towards intensive research presented jointly by Central Cristian University, Malawi, East Africa and Prashas Trust, Hyderabad at 3rd Prashas Award Ceremony, Hyderabad on 15th December 2021.
* Dr. Sarvepalli Radhakrishnan Best Teacher Award presented by Society for Learning Technologies, Vijayawada on 5th September,2021.
* ELSEVIER Lifetime Achievement Award presented at IJIEMR-ELSEVIER SSRN RESEARCH AWARDS-2022 Vijayawada on 10th September 2022.

**International Collaborations:**

Visited 7 Malaysian universities and collaborated with 4 Universities and 2 Vietnam Universities and collaborated with 2 universities with CDU.

**Research Guidance:** 8 Scholars ( 2 scholars ready to submit)

**Patents Published: 3**

1. 202141031063-A SYSTEM AND METHOD FOR ANALYSING BIOLOGICAL EFFECTS OF MOLECULES USING MONTE CARLO METHOD-29/2021-16/07/2021
2. 202141030003-A SYSTEM AND METHOD FOR DATA ENCRYPTION BETWEEN IOT DEVICES AND A NETWORK GATEWAY-29/2021-16/07/2021
3. 202241009520-METHOD FOR IMPLEMENTING BLOCKCHAIN BASED VOTE TRACKING ALGORITHM AND PROVIDING ARTIFICIAL INTELLIGENCE (AI) BASED SYSTEM FOR MANAGING THE SAME-09/2022-04/03/2022

**Design Patent: 1**

* **350080-001-Wearable Electronic Device with Camera-46/2023-17/11/2023**

**Books Published: 2**

1. **Prof. G. Shankarling am K. Thirupathi Reddy-Advances and Concerns in Agricultural & Environmental Information Systems in Society How the Data Science and Machine Learning Revolutioni zing the Agriculture 2023 9788196887049 https://ndpublisher.in/f iles/1709984219sampl eagri5.0.pdf; https://ndpublisher.in/ ndpbookpage.php?boo k=480**
2. **Object Oriented Programming with Java-ISBN: 978-93-91117-87-0- Shree Publishing House**

**PERSONAL PROFILE**

Father’s Name : G. Somaiah

Date of Birth and Age : 07-08-1974, & 49 Yrs.

Gender : Male

Citizenship : Citizen of India.

Religion : Hindu.

Marital Status : Married

Permanent Address : H.No. : 2-408/1, BANK COLONY-II,VIDYARANYA PURI, HANMAKONDA

WARANGAL, TELANGANA-506001,INDIA.

Email : shankar@chaitanya.edu.in

[shankar\_lingam@hotmail.com](mailto:shankar_lingam@hotmail.com)

Languages known : English and Telugu

Date: **(Dr. G. SHANKAR LINGAM)**