

Ms. G. Sirisha

Gender : Female

Date of Joining in Loyola Academy (DD/MM/YYYY) : 08-08-2011

Education Qualification : MCA, M. Tech (Computer Science)

Faculty Type: Un-Aided

Name of the Department: Master of Computer Applications

Designation: Assistant Professor

ERP ID No (Staff ID): 11202

Teaching Experience (in Loyola Academy) : 12 Years

Email – ID : sirisha.g@loyolaacademy.edu.in



Positions Held (in Loyola Academy):(Eg: VP / Dean/ HOD / Director/ Faculty Advisor /

S. No.	Name of the Position	(Period) Duration
1.	Dean of Student Affairs (PG)	2017 to 2021
2.	Criteria V Coordinator for 3 rd Cycle of NAAC Accreditation	2018 to 2021
3.	Coordinator for Anti-Sexual Harassment cell	2018 to 2020
4.	Treasurer and Coordinator of Loyola Academy Alumni Association (LAAA)	2018 to till date
5.	Assistant Controller of Examinations (ACOE)	2020 to till date

Books Published:

S. No.	Title	Year	Publisher	Place
1.	Technologies of Information and Communication.	2021	RoyalBook Publishing.	Salem, Tamil Nadu
2.	Digital Technologies for A New Future.	2021	RoyalBook Publishing.	Salem, Tamil Nadu
3.	Application of Machine Learning Approach	2022	RoyalBook Publishing.	Salem, Tamil Nadu

Patents:

S. No	Patent Name	National/International
1.	Drinking Water Quality checking system using Machine-Learning (ML) Algorithm.	National
2.	Analysis of medical records of patients using artificial intelligence	National
3.	IOT based paddy leaves disease detection using Neural Network Classifier.	National
4.	Machine Learning Approach Based Monitoring Insect Pests in Plants Using Camera Equipped Device	National
5.	Machine Learning Approach Based Monitoring Insect Pests in Plants Using Camera Equipped Device	National

Journal / Articles Published:

S. No	Journal Name	Year	Vol. No.	ISSN No.	Publisher
1.	A New Approach for Computational Efficient Technique in Digital Image Processing	February-2021	XII	ISSNNo:000101	AUT AUT Research Journal
2.	A Hybrid Cryptographic Approach for Feature Extraction in ECG Signals Using Machine Learning Concepts in Medical Applications	February 2021	25	ISSN:1583-6	Annals of R.S.C.B
3.	AN APPROACH FOR SECURED INFORMATION TRANSMISSION - AES ALGORITHM IMPLEMENTATION ON FPGA FOR WIRELESS APPLICATIONS	October 2020	Volume XI, Issue X	ISSN:0042-9	WAFFEN-UND KOSTUMKUNDE JOURNAL

4.	STUDENTS LIVE BEHAVIOUR MONITORING IN ONLINE CLASSES USING ARTIFICIAL INTELLIGENCE	December: 2022	Vol. 12, Issue. 12,	ISSN 2347-7180	Dogo Rangsang Research Journal
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Conference/Seminar/Workshop/ Training Programme attended (last five years) - Academic & General :

S. No	Theme	Place	International/National / State level	Year	Resource Person / Paper Presentation / Participation
1.	Customer Segmentation using K-Means Clustering and Gaussian Mixture models	Christ Nagar College, Maranalloor, Trivandrum in association with ICFOSS and computer Society of India	International Conference	23rd and 24th of October 2021.	Paper Presentation
2.	Health Care Companion Using Natural Language Processing & Machine Learning Algorithms	Loyola Academy, Hyderabad	International Conference	February 1-5, 2022	Paper Presentation

Seminar/Workshop/ Training Programme attended (last five years) - Academic & General :

1. Mrs. G.Sirisha have attended one day training programme on “PC Hardware and maintenance “ at “National Small Industries Corporation Limited “, Hyderabad on 16th December 2014.
2. Mrs.G .Sirisha have attended one day complimentary seminar on MATLAB & Simulink for Engineering Education on 11th Aug 2014, Math Works India Pvt. Ltd. Hyderabad.
3. Mrs. G. Sirisha attended a National Seminar on “Current Trends in Network Security” organized by Aurora PG College Ramanthapur, Hyderabad on 10th April 2015.

4. Mrs. G. Sirisha attended a National Seminar on “Applications of Mathematics to Cryptography” on 6th January 2017 at Loyola Academy Degree and PG College.
5. Mrs.G. Sirisha has attended a /state level Faculty Development Programmme on “Research Process, Publications, Evaluation & Challenges in Research organized by Department of MCA, Loyola Academy Degree and PG College , Alwal on 21st October 2017.
6. Mrs.G.Sirisha attended a Faculty development Program on “Python Programming” organized by Aurora Degree & PG College , Chikkadpally, on 16th September 2017.
7. Mrs. G. Sirisha has published a paper in “Integrated International Immersion Conference (IIIC)” on “Secure Data Sharing in Cloud Computing Using Revocable Storage Identity-Based Encryption” organized by Loyola Academy on 23rd Feb to 1st March 2018.
8. Mrs. G.Sirisha has participated in one day National Workshop on “ Online AQAR :An ICT Integrated Approach for Quality in HEIs” organized by IQAC , St.Pious X Degree & PG College for Women, Nacharam, Hyderabad on 9th March 2019.
9. Mrs. G. Sirisha has attended a One Day Faculty Development programme on “Leadership building and Professionalism at Workplace” on 19th July 2019.
10. Mrs. G. Sirisha has attended a Four Day Faculty Development programme on “Natural Language Processing” from 6th to 10th Jan 2020.
11. Mrs. G. Sirisha has participated in the three-day National Online FDP titled ‘Quality Enhancement in Higher Education Institutions - Future Vision’ organized by IQAC, St. Ann’s College for Women from 4th-6th May 2020.
12. Mrs. G. Sirisha has attended online Faculty Program on NBA on 5th May 2020, with a passing score of 100% organized by Bharati Vidyapeeth College Of Engineering, Navi Mumbai - 400614.
13. Mrs. G. Sirisha has participated in One Week Online Faculty Development Program on “Research Challenges and Opportunities Post COVID-19 (RECOP 2020)” organized by Research & Development Cell and Institution’s Innovation Council of Sri Vasavi Engineering College (Autonomous) during 4th - 9th May 2020.
14. Mrs. G. Sirisha has participated in one-day International Webinar on Human Well-Being Department of Psychology, Little Flower Degree College, Hyderabad, on 7th May 2020.
15. Mrs. G.Sirisha has completed the “Faculty Awareness Programme on Outcome Based Education (OBE) and NBA Accreditation“ organised by Singhad Institute of Technology and Science, Narhe, Pune on 7th May 2020.

16. Mrs. G. Sirisha has participated in three-day online workshop on “Online Course Design, Development and Delivery” organized by Human Resource Development Centre, University of Hyderabad during 6th -8th May 2020.
17. Mrs. G. Sirisha has participated in “A Webinar on Virtual Classroom Management using Microsoft Teams”, an online training program offered remotely organized by LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS) Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada L.B. REDDY NAGAR, MYLAVARAM, KRISHNA DIST., A.P.-521 230, on 11th May 2020.
18. Mrs. G. Sirisha has attended a five-day Faculty Development Program on “Machine Learning” conducted by Data-Tech Labs from 11th-15th May 2020.
19. Mrs. G. Sirisha has attended a two-day Webinar on “Research Capability Building – A Strategy to Promote Research Culture in Higher Education organized by IQAC of Bhavan’s Vivekananda College of Science, Humanities & Commerce, Sainikpuri, Secunderabad from 12th-14th May 2020.
20. Mrs. G. Sirisha has participated in One Week Online Faculty Development Program on “Artificial Intelligence” organized by Department of Computer Science & Engineering, Santhiram Engineering College, Nandyal in association with Brain O Vision, Hyderabad, from 13th -18th May 2020.
21. Mrs. G. Sirisha has participated National Level two-day Online Faculty Development Programme titled "Recent Trends in IT" organized by Department of Computer Science, Loyola Academy from 16th-17th May 2020.
22. Mrs. G. Sirisha has attended a two-day National Webinar on “Artificial Intelligence & Machine Learning” organized by the Department of MCA, Loyola Academy, Alwal, Secunderabad, Telangana from 20th-21st May 2020.
23. Mrs. G. Sirisha has attended a one-day Webinar on “Blaze a trail in Data Science Project Journey by Dr. D. V. Ramana, Data Strategist, Wissen Infotech held on 20th May 2020.
24. Mrs. G. Sirisha has participated in one-week Online FDP on “Big Data Tools” organized by St. Martin’s Engineering College, Dhulapally, Secunderabad from 18th-23rd May 2020.
25. Mrs. G. Sirisha has participated in two-day National Level Online Faculty Development program titled “Advanced Javascript” organized by Department of Computer Science, A.V. College of Arts, Science & Commerce from 22nd-23rd May, 2020.

26. Mrs. G.Sirisha has attended one day National Webinar on 'Post COVID-19 Management Education and Career Options' organised by the Department of MBA, from Loyola Academy, Degree and PG College Alwal, on 30th May 2020.
27. Mrs. G.Sirisha has attended two day National online Faculty Development Programme on 'Mathematics for Computer Science' organized by the Department of Mathematics from Loyola Academy, Alwal from 30th to 31st May 2020.
28. Mrs. G.Sirisha has attended one day National Webinar on 'The Role of Online WEB Resources: Present & Past Covid-19,organized by the Department of Animation, Loyola Academy, Alwal, on 30th May 2020.
29. Mrs. G. Sirisha has attended one day International Webinar on 'Information Security and Cloud Computing Critical Factors, organized by the Department of MCA, St. Ann's Degree and PG College, Mehdipatnam on 30th May 2020.
30. Mrs. G.Sirisha has participated in the Webinar Cyber Attacks and Mobile Security delivered by Sai Satish Founder & CEO of Indian Servers held on 05thJune, 2020.
31. Mrs. G. Sirisha has attended five-day Webinar on "Academic Research in Engineering for Industry and Patents" organized by MVSR Engineering College, from 01st to 5th June 2020.
32. Mrs. G. Sirisha has attended one day Webinar on Cyber Attacks and Mobile Security organized by Aurora Degree & PG College on 5th June 2020.
33. Mrs. G. Sirisha has attended one day International Webinar on 'Data analytics using Python, organized by the Department of MCA and in collaboration St. Ann's Degree and PG College, Mehdipatnam from 4th July to 6th July 2020.
34. Mrs. G. Sirisha has attended three-day National Webinar on "Quality Enhancement: Assessment and Accreditation" by IQAC, St. Ann's Degree and PG College, Mehdipatnam from 23rd July to 25th July 2020.
35. Mrs. G. Sirisha has attended One-Week Online Faculty Development Program on "Outcome Based Education and Accreditation", conducted by ISTE Telangana Section in association with JNTUH College of Engineering, Jagtial; Mahatma Gandhi Institute of Technology, Hyderabad and Swecha, during 5 - 9 October 2020.
36. Mrs. G. Sirisha has attended One-Week Online Faculty Development Program on "Data Science" by Data Computing organized by Loyola Academy from April 6th to April 12th, 2021.

37. Mrs. G. Sirisha has attended One Day Online Faculty Development Program on “Helping Students with Covid in Covid Times” organised by St. Francis Begumpet on 24.05.2021.
38. Mrs. G. Sirisha has attended One-Week Online Faculty Development Program on "AICTE Incorporating Universal Human Values in Education (An AICTE Initiative)" Organised by AICTE from 24th May to 28th May 2021.
39. Mrs. G. Sirisha has attended One-Week Online Faculty Development Program on FDP on IPR and Patent prosecution from 24-05-21 to 28-05-21 organized by the Department of Computer Science & Engineering, Maturi Venkata Subba Rao (MVSR) Engineering College affiliated to Osmania University, Hyderabad in collaboration with IIC (Institution’s innovation Council, MVSREC).
40. Mrs. G. Sirisha has participated in a 40-hour online Faculty Development Programme on “Predictive Analytics and Business Intelligence” organised by Electronics & ICT Academy, NIT Warangal and Department of Computer Science and Engineering G. Narayanamma Institute of Technology and Science from 1st December to 10th December 2021.
41. Mrs.G. Sirisha from Loyola Academy Degree and PG College has successfully participated in Microsoft India & SAP India led Faculty Development Program on “Artificial Intelligence” under TechSaksham Program from “28th Nov. 2022 – 02nd Dec. 2022”.
42. Mrs. G.Sirisha of Loyola Academy has attended the 2 Day International Conference on New Age Education, Leadership, and Career held at Loyola Academy on the 1st and 2nd of December 2022 UNLEASH YOUR POTENTIAL Organized By Loyola Academy in collaboration with Global Emerging Leadership Program.
43. Mrs.G.Sirisha has participated in a five day workshop on “Statistical analysis using Python” held at VNRVJIET, Hyderabad , Telangana, India during 6th March-11th March 2023, organized by the department of Humanities and Sciences, CSE(CYS, DS) and AI & DS.

Certifications:

International Association of Business Analytics Certification (IABAC)

- Data Science Foundation
- Certified Data Scientist