

PROFILE

1. Name : B. Diana
2. Sex : Female
3. Designation : Assistant Professor
4. Address for Communication :

Residence	Office
No: 2/221, 9 th cross, Anna Nagar, Vallam, Tanjore. Mobile: 9629878303	Department of Computer Science & IT (SF) Jamal Mohamed College (Autonomous) Trichy 620020 TEL: 0431- 2331535
- E-mail: : dn@jmc.edu &
yudhaaqua@gmail.com
5. Educational Qualification : M.Sc., NET
6. Examination Passed : Year

NET	2008
M.Sc CS	2006
B.Sc CS	2003
7. Date of Joining Service: 01.07.2010
8. Experience : 14 Years 1 Month

Undergraduate	: 14 Years 1 Month
Postgraduate	: 14 Years 1 Month
9. Languages known : English, Tamil
10. Area of Specialization : Machine Learning, IoT, Operating Systems,
Computer Graphics

11. Subjects Taught

Undergraduate : Internet of Things,
R Programming,
Operating Systems,
Wireless Communications,
Database Systems,
Web Design,
Basic concepts of Internet,
VB.Net,
Java,
Buisness Process Outsourcing,
Basic concepts of Computer Science,
Computer Graphics,
Programming in C++,
Data Communications Network,
Software Testing,
Computer Networks,
Software Engineering,
Open Source Technology,
Shell Programming,
Internet and Cyber Security,
Computer Organization and Architecture.

Postgraduate : Computer Simulation & Modeling,
Data Science and PYTHON,
Artificial Intelligence,
Machine Language and R Programming,
Compiler Design,
Distributed Operating Systems,
Mobile Computing,
Data Communications and
Networking,
Java, Mobile Application Development,

12. Resource Person (Inside the College) :-

1. Acted as a Resource person on Cyber Security and Cyber Laws in Jamal Mohamed College on 30th October 2021.
2. Acted as a Resource Person and delivered a lecture on Career Opportunities for first year UG students, Placement Cell of Jamal Mohamed College on 6th February 2023.
3. Acted as a Resource Person on the topic “Carrer Opportunities” in the Department of English, Jamal Mohamed College, Trichy-20 on 23rd January 2024.

13. Conference/Seminar :

1. Participated in One day Seminar on “Creating Competitiveness to excel in higher education – a TQM approach” organized by Internal Quality Assurance Cell, Jamal Mohamed College, Trichy-20, on 8th December 2010.
2. National Seminar on “Examination Reforms” Organized by Jamal Mohamed College, Trichy-20, on 24th February 2012.
3. A One day Seminar on “Teaching, Learning and Research in Higher Education- Excellence and beyond Excellence” Organized by Internal Quality Assurance Cell, Jamal Mohamed College, Trichy-20, on 7th March 2012.
4. National Conference on Advanced Computing (NCAC-2013) organized by the PG & Research Department of Computer Science, Jamal Mohamed College on 7th March 2013.
5. National Conference on Advanced Computing (NCAC-2014) organized by the PG & Research Department of Computer Science, Jamal Mohamed College on 5th March 2014.
6. State Level Seminar on Computing and Communication Technologies (SCCT-2015) organized by the PG Department of Information Technology, Jamal Mohamed College on 25th February 2015.
7. National Conference on Advanced Computing (NCAC-2015) organized by the PG & Research Department of Computer Science, Jamal Mohamed College on 5th March 2015.

8. Participated in One day FDP on NLP Techniques in Teaching conducted by the Department of Information Technology in association with ICT Academy on 5th March 2016 at Jamal Mohamed College, Trichy.
9. National Conference on Computing and Communication Technology(NCCCT-2016) organized by the PG Department of Information Technology, Jamal Mohamed College on 17th September 2016.
10. A One day Seminar on “The Role of a Teacher in the Present Scenario” Organized by Internal Quality Assurance Cell, Jamal Mohamed College, Trichy-20, on 3rd December 2016.
11. National Conference on Advanced Computing(NCAC-2017) Organized by the PG & Research Department of Computer Science, Jamal Mohamed College, on 15th March 2017.
12. Three days NLP-Based Faculty Empowerment Programme, Organized by Internal Quality Assurance Cell, Jamal Mohamed College, Trichy-20, on 17th, 19th & 20th June 2017.
13. National Conference on Computing and Communication Technology(NCCCT-2018) Organized by the P.G and Research Department of Computer Science & PG Department of Information Technology, Jamal Mohamed College(Autonomous) on 20th February 2018.
14. Participated in NCAC 2019 Organized by PG & Research Department of Computer Science & PG Department of Information Technology on 12th March 2019.
15. A One day Seminar on “Staff Enrichment Programme on Ownership Culture” Organized by Internal Quality Assurance Cell, Jamal Mohamed College, Trichy- 20, 14th June 2019.
16. Two Day Workshop on “Professional Development for Academic Leadership in Curriculum Development Cell”, Organized by Curriculum Development Cell, Jamal Mohamed College (Autonomous), Trichy-20, on 18th and 19th January 2019.
17. International Conference on Advanced Computing, PG & Research Department of Computer Science, Jamal Mohamed College on 11th and 12th December 2019.
18. Online Course on “Social Networks” NPTEL from 27th January 2020 to 17th April 2020.
19. Participated in one day webinar on Leveraging Technology in Education on 23rd April 2020.
20. Five days FDP on “Python 3.4.3”, Sri GVG Visalakshi College for Women, Udumalpet & Spoken Tutorial Project, IIT Bombay on 1st May 2020 to 5th May 2020.
21. Python 3.4.3 Training , Spoken Tutorial Project, IIT Bombay, funded by the National

- Mission on Education through ICT, MHRD, Govt. of India on 4th May 2020.
22. Webinar on “Machine Learning Algorithms, Applications and Trends”, Shri Shankarlal Sundarbai Shasun Jain College for Women, Chennai on 10th May 2020.
 23. A one day webinar on Recent Trends in Cloud Computing Organized by PG Department of Information Technology of Jamal Mohamed College (Autonomous) on 11th May 2020.
 24. National Webinar on “Media Landscape Before or After Covid-19”, Apeejay Institute of Mass Communication (AIMC) , Kalindi College, University of Delhi, Delhi on 15th May 2020.
 25. A one day webinar on Role of Ecology in Sustainable Development Organized by AMITY University on 15th May 2020.
 26. National Webinar on “Amazon Web Services Fundamentals: The Journey of Cloud”, Patel Group of Institutions, Gujarat on 16th May 2020.
 27. National Webinar on “CNN, RNN, NLP “, Vivekanand College for Advanced Computer and Information Science”, Surat, Gujarat on 18th, 19th and 20th May 2020.
 28. Webinar on “Guidelines for Writing a Research Paper”, Arasu Engineering College, Kumbakonam on 22nd May 2020.
 29. International Webinar on “Writing Research”, MES College, Erumely, Kerala on 25th May 2020.
 30. Webinar on “Big Data Engineering for Analytics” organized by Department of Computer Science, M.O.P. Vaishnav College for Women (Autonomous), Chennai ” on 26th May 2020.
 31. Webinar on “Microsoft Azure and It’s Services”, Bishop Heber College, Trichy on 27th May 2020.
 32. Webinar on “Exploring Data Analytics Using Spark Platform and Cloud Services Using Kubernetes Containers”, Institute of System Science”, National Institute of Singapore, Singapore and Bishop Heber College, Trichy on 28th May 2020.
 33. Five days FDP on Evolution from offline to online Teaching Organized by Satish Pradhan Dyanasadhana College, Thane from 30th May 2020 to 3rd June 2020.
 34. A one day webinar on NOSQL organized by Jamal Mohamed College (Autonomous) on 24th June 2020.
 35. Five days FDP on EContent Development Organized by IQAC of Jamal Mohamed College (Autonomous) from 30th June 2020 to 4th July 2020.
 36. One day Faculty Development Programme on “AI in Business” Organized by the Department of Data Science, St. Joseph College, Trichy on 11th January 2022.
 37. One day Faculty Development Programme on “Overview of IPR Patent and Filling Aspects” Organized by Institution’s Innovation Council, Jointly with CSIR-IIMT, Cauvery College for Women, Trichy on 21st February 2022.
 38. Two days International Seminar on Advanced Computing 2022 Organized by PG &

Research Department of Computer Science, Jamal Mohamed College, Trichy on 10th and 11th March 2022.

39. One day Research Seminar on Data Handling and Visualization Techniques Using Data Structure and Python Organized by Department of Information Technology, Bon Secours College for Women, Tanjore on 2nd September 2023

40. Five days FDP on Recent Trends in Data Science Organized by Department of Computer Science, Bon Secours College for Women, Tanjore from 11th September 2023 to 15th September 2023

41. Participated in Five days Faculty Development Programme on Recent Trends in Research Methodology organized by the Department of Computer Science (Shift-I), Bishop Heber College (Autonomous), Trichy from September 22 – September 27, 2023.

42. Participated in one week Faculty Development Programme on Road Map for Intellectual Property Rights Organized by IPRC, IQAC and IIC of Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamil Nadu from 08-01-2024 to 12-01-2024.

43. Completed the three days International FDP on “Empowering Education with AI based Learning Concept for Global Competence” organized by Holy Cross College (Autonomous), Trichy from 29th January to 31st January 2024.

44. Attended Online Training on AI Tools for Effective Teaching on 03-02-2024.

45. Participated in the International Seminar on Advanced Computing (ISAC 2024) organized by PG & Research Department of Computer Science, Jamal Mohamed College (Autonomous), Trichy on 22nd February 2024.

46. Participated in IP Awareness/Training program under National Intellectual Property Awareness Mission organized by Intellectual Property Office, Government of India on March 11, 2024.

47. Participated in the International Level Virtual Faculty Development Programme on AI for Educators: A Six Days Faculty Development Journey organized by the Department of Software Engineering from 18.03.2024 to 23.03.2024 at Periyar Maniammai Institute of Science and Technology, Vallam, Thanjavur.

48. Seven Days National Level FDP on Python Organized by Star International Foundation for Research from 19th March 2024 to 25th March 2024.

49. Participated in A Five Day Faculty Development Programme, jointly organized by Department of Computer Science & IT and Computer Applications and IQAC, Jamal Mohamed College, Trichy, from 05-06-2024 to 09-06-2024.

50. Served as a Member of the Organizing Committee for the event ITConnect2K24 held on 4th October 2024 Conducted by the Department of Computer Applications, Computer Science & IT, Jamal Mohamed College, Trichy-20.

51. Served and Contributed as an active member of Guest Hospitality Committee for the

conduct of Silver Jubilee Celebration of Women section of Jamal Mohamed College, Trichy on 26th July 2024.

52. Served and Contributed as an active member of Souvenir Committee for the conduct of Silver Jubilee Celebration of Women section of Jamal Mohamed College, Trichy on 26th July 2024.