

Department of Computer Technology

N.G.M College, Pollachi

Faculty Credentials

Ms. C. Keerthana

Seminars/Conferences/Workshops Participated:

- Participated in two days Orientation program “**Butterfly Flutter By**” on 11th and 12th Jun 2012, conducted by N. G. M. Academy for Professional Development, at N.G.M College, Pollachi.
- Participated in the International Seminar on “**Cyber Security**“(ISCS-2013) on 09.03.2013, Conducted by the Department of Computer Applications, at Bharathiar University, Coimbatore.
- Participated in three days Training Programme “**Personality Development**” On 03.6.2013 to 05.06.2013, organized by Human Excellence Department, N.G.M. College, Pollachi.
- Participated in “**National Seminar on Research Issues in Data Mining**” on 18th & 19th July 2013, Conducted by P.G Department of Computer Applications, AICTE Sponsored NSRIDM’13.
- On 1st Oct 2013, attended a one day workshop on “**Embedded Systems in Robotics**”, Conducted by Our Department (Department of Computer Technology) N.G.M College, Pollachi.
- Participated in a one day workshop on “**Cloud Application Development on PHP**” organized by Department of Information Technology and Computer Technology in association with PORAS Technologies India Pvt Ltd., on 28.01.2014 at NGM College, Pollachi.
- Participated in the National Level Symposium on “**Recent Trends in Information Technology**” (NSRTIT – 2014) held on 8th March 2014 jointly organized by Departments of Computer Applications (PG and UG), Computer Science and Information Technology, Vidyasagar College of Arts and Science, Udumalpet.
- Participated in “**Two-week ISTE Workshop on Computer Programming**” conducted by IIT Bombay Under the National Mission on Education through ICT

(MHRD, Govt. of India) held from 16.6.2014 to 21.6.2014 in Dr. Mahalingam college of Engineering and Technology, Pollachi.

- On 16th July 2014, attended a one day workshop on “**Usage of IQboard and Online Payment System**” conducted by P.G Department of Computer Applications, NGM College, Pollachi.
- On 20th March 2015, Participated and Presented a paper entitled “**A Study On Internet of Things (IoT)**” in the National Conference on Recent Advancement in Information and Computer Technology (NCRAICT’15) in VLB Janakiammal College of Arts and Science, Coimbatore.
- Qualification approval dated on 07.07.2015 and received on 13.01.2016
- On 26th December 2016, Participated in Faculty Development Programme on “**Business Analytics Using R**” conducted by Centre for Faculty Development, Sakthi Institute of Information and Management Studies (SIIMS), Pollachi.
- On 17th & 18th February 2017, attended a two days workshop on “**Data Science and Analytics**”, conducted by Department of Computer Science and Engineering, Dr. Mahalingam college of Engineering and Technology, Pollachi.
- On 9th and 10th March 2017, participated in a two days workshop on “**Big Data Analytics**”, Conducted by Department of Computer Technology and Information Technology, N.G.M College in association with Innovative Dynamic Technologies, Coimbatore.
- On 27th and 28th July 2017, participated in a two days National Level Workshop on “**Building an Enterprise Public Cloud using AMAZON AWS**”, Conducted by PG Department of Computer Science, N.G.M College in association with CDTS Technologies Private Limited, Chennai.
- On 24th August 2017, participated in the one day National Seminar on “**National Colloquium on Contemporary Trends in Bigdata Analytics**” conducted by UG Department of Computer Applications, at NGM College, Pollachi.
- On 6th Sep’17, acted as a coordinator for the event Creatick Freezer (Marketing) in an intra college meet Dhrishyaa’17, organized by department of computer technology, NGM College, Pollachi.

- On 22 Sep'17, participated in one day National Conference on Green Computing Organized by the Department of Computer Science (Aided), NGM College, Pollachi.
- On 9th & 10th March 2018, participated in two day workshop on “**Data, Network & Cyber Security**” , organized by Department of computer Science and Engineering, Dr.Mahalingam College of Engineering and Technology, Pollachi
- On 27.7.2018, conducted an Extension Activity on topic of “**Classroom Vs. E-Learning**” to Students and Staff Members of Govt. Middle School, Vakkampalayam.
- On 27.9.2018, participated in Hands on Training on ‘**PYTHON PROGRAMMING**’ organised by department of computer science and Engineering in SNS College of Technology, Coimbatore.
- On 28.9.2018, participated in workshop on “**E-Content Development**’ in NGM College, Pollachi.
- On 1.2.2019, presented a paper titled “Students Recital Analysis via Data Mining” in National conference on Emerging Research Trends in Computer Science and Technology (NCERTCST'19) Organized by the department of computer Science, SNMV College, Coimbatore.
- On 08.2.2019, conducted an Extension Activity on topic of “Digital Learning” to Students and Staff Members of Panchayat Union Middle School, Kilavanpudur.
- On 28.2.2019, participated in workshop on “Python Programming” organized by Department of Computer Technology, NGM College, Pollachi.
- Participated in Faculty Development Programme on “**Recent Trends in Higher Education in Science and Humanities to Rural Students**” held from 12.6.2019 to 14.6.2019 at Nallamuthu Gounder Mahalingam College (Autonomous), Pollachi.
- On 06.9.2019, conducted an Extension Activity on topic of “Computer Based Early Reading Programme” to Students and Staff Members of Govt. High school, S. Malaiyandipattinam.
- On 13th & 14th Sept 2019, participated in two day workshop on “**Machine Learning and its Applications**”, organized by Department of Information Technology, Dr.Mahalingam College of Engineering and Technology, Pollachi

January 2020

- Published a paper titled “A Survey on Heart Disease Prediction using Machine Learning”, International Journal of Computer Science and Technology (IJCSCT), vol. 6, no. 01, pp.11-18, Jan. 2020.ISSN: 2455-9091

April 2020

- On 6.4.20, attended a webinar “Flipped Learning - A Novel Pedagogy”, organized by Vellalar College for Women, Erode.
- On 9.4.20, attended an Online FDP “Development of Higher Education in India an overview”, organized by Guru Angad Dev Teaching Learning Centre of MHRD, SGTB Khalsa College, Delhi University.
- On 9.4.20 to 11.4.20, attended a three days Online FDP “The Art of Teaching & Learning for Next Generation”, organized by Dwaraka Doss Goverdhan Doss Vaishnav College, Department of BBA, Chennai.
- On 13.4.20 to 16.4.20, attended a four days webinar “An Effective Research Paper Writing Skill”, organized by Bhagwan Mahavir College of Commerce and Management Studies, Bhagwan Mahavir University.
- On 15.4.20, attended a webinar "ICT Enabled Higher Education in India: Challenges and Opportunities", organized by GAD TLC of MHRD,SGTB Khalsa College, Delhi.
- On 24.4.20, participated International Faculty Development Programme on “Develop the Ability to Write Research Proposal”, organized by Adarsh Group of Institutions AIMIT, Chamrajpet, Bengaluru, Karnataka.

May 2020

- On 2.5.20, attended webinar “Assessing Research Output and Its Enhancement”, organized by JK Business school, Gurgaon.
- On 5.5.20, attended webinar “ Use of Elsevier Tools in Research Workflow “, organized by Department of Commerce, University of Madras in association with Elsevier.
- On 6.5.20, attended webinar “How to be successful Instructional Designer in E-Learning”, organized by PSG College of Arts and Science, Coimbatore.
- On 11.5.20 to 14.5.20, Organized a Four days National Level Online FDP on “Impact on AI in Education and Industry post COVID-19” using WebEx.
- On 14.5.20, attended a webinar “Recent trends in Machine Learning”, organized by Kovai Kalaimagal College of Arts and Science, Coimbatore.
- On 14.5.20, attended an International webinar on “Sentiment Analysis concepts and Applications”, organized by Nehru Arts and Science College, Coimbatore.

- On 18.5.20 to 23.5.20, attended six days International FDP titled “Enhancing your IT skills during Quarantine”, organized by Bishop Appasamy College of Arts and Science, Coimbatore.
- On 19.5.20 to 21.5.20 attended three days FDP on “Research Prospects and Promises of Deep Learning in Problem Solving”, organized by PG Department of Computer Application, NGM College.
- On 20.5.20 to 22.5.20 attended three days FDP on “Cloud ERP Orientation”, organized by Department of Information Technology, NGM College.
- On 26.5.20, attended one day FDP “Machine Learning” organized by Rathinam College of Arts and Science, Coimbatore.
- On 27.5.20, participated in One Day Online National Workshop on “Writing Research Paper & Grant Proposal, organized by Department of Computer Science, South East Manipur College, Manipur.
- On 29.5.20, attended webinar on “ Art of Writing Research Paper “, organized by Department of computer science and Engineering, Gautam Buddha University, Greater Noida, Uttarpradesh.

June 2020

- On 9.6.20 & 10.6.20, participated in two days Faculty Development Program on “IoT Technology Stack – Behind the Scenes of IoT”, organized by Department of Computer Science, KPR College of Arts and Science and Research, Coimbatore.
- On 12.6.20, attended Online Quiz-2020 program, organized by Department of Computer Science in Association with a AG-CSE with score 72%, AG Arts and Science College, Tirupur.
- On 15.6.20 to 17.6.20, attended a Three Days Hands on Training “Data Science in Real Life- Usecases with NLP”, organized by Department of Computer Science and Engineering, Vellalar College of Engineering and Technology, Erode.
- On 22.6.20, participated in FDP on “Appraisal of Learning Outcomes in OBE”, organized by office of the Controller of Examinations, Nallamuthu Gounder Mahalingam College, Pollachi.
- On 26.6.20, participated in “System and Procedures for NAAC Assessment”, organized by Internal Quality Assurance Cell (IQAC), Nallamuthu Gounder Mahalingam College, Pollachi.

- On 29.6.20 & 30.6.20, participated in FDP on “Emotion Management”, organized by Department of History - Historia 20, Nallamuthu Gounder Mahalingam College, Pollachi.

July 2020

- On 2.7.20 to 4.7.20, participated in Three days Hand-on Workshop on “Android app Development”, organized by the Department of Computer Science and Engineering, Panimalar Institute of Technology, Chennai.
- On 4.7.20, participated in National Level Symposium on “Empower the Youth to Enrich the Nation”, organized by Swami Vivekanandar Students Thinkers Forum, Nallamuthu Gounder Mahalingam College, Pollachi.
- On 4.7.20, participated in webinar on "Combating Covid-19 Using Information Technology", organized by Department of Information Technology, Rathinam College of Arts and Science, Coimbatore.
- On 6.7.20, participated in webinar for skills development on “ E-Content Development for Online Meeting”, organized by Internal Quality Assurance Cell (IQAC), Nallamuthu Gounder Mahalingam College, Pollachi.
- On 7.7.20 & 8.7.20, participated in Two days National Webinar on “Recent Trends in Application of Mathematics”, organized by Department of Science and Humanities, P.A College of Engineering and Technology, Pollachi.
- On 9.7.20, participated in International Seminar on “Introduction to Data Science “, organized by Department of Computer Science & Computer Application, Kongu College of Arts and Science, Karur.

August 2020

- On 3.8.20, participated in one day National Level Webinar on “Introduction to Data Visualization and its Tools”, organized by Department of Computer Science (Aided), Nallamuthu Gounder Mahalingam College, Pollachi
- On 14.8.20, participated in “Cyber Security Skills in High Demand”, organized by Department of Computer Science and Engineering, Nehru Institute of Engineering and Technology, Coimbatore.
- On 27.8.20, participated in the International webinar on “Future of DevOps”, organized by P.G Department of Computer Applications, Nallamuthu Gounder Mahalingam College, Pollachi

September 2020

- On 5.9.20, participated in the National webinar on “Selenium Framework for Automation Testing”, organized by P.G Department of Computer Applications, Nallamuthu Gounder Mahalingam College, Pollachi
- On 7.9.20, participated in the one day webinar on “Knowledge Engineering in Artificial Intelligence”, organized by Department of Computer Science, St. Antony’s College of Arts and Sciences for Women, Thamarapadi, Dindigul.
- Published a paper titled “A Review on Heart Disease Prediction using Machine Learning”, International Journal of Computer Science and Technology (IJRSET), vol. 7, no. 09, pp.08-14, Sept. 2020.ISSN: 2394-739X

December 2020

- Published a paper titled “Heart Disease Data Pre-Processing Using Enhanced Data Mining Techniques”, International Journal of Advanced Science and Technology (IJAST), vol. 29, no. 08, pp. 6274-6282, Dec. 2020.

Retrieved from <http://sersc.org/journals/index.php/IJAST/article/view/36064>

January 2021

- On 21.1.21, Presented a paper in **International Conference** on Emerging Science and Technologies (ICEST 2021) entitled as “Heart Disease Data Pre Processing Using Enhanced Data Mining Techniques, Organized by Hansoft Technologies Pvt Ltd.

March 2021

- On 29.3.21, attended a one day Faculty Development Programme on “Artificial Intelligence and Machine Learning in Biological Data Analysis”, organized by the Department of Computer Science, Information Technology and Computer Applications, PSGR Krishnammal College for Women, Coimbatore.

August 2021

- On 13.8.2021, participated in one day Online Webinar on “**Indirect Assessment Tools**”, Organized by CDC Cell, NGM College, Pollachi. (Dr. S. Bhaskar, Mech, Eng, KCT.
- On 06.8.2021, participated in one day Online Students Awareness Programme on “**Awareness on Carrier Oppurtunities**” Organized by Dept. of CT, NGM College, Pollachi. (Mr. Thirumoorthy R, Boot Camp Services, Pollachi)
- On 25.8.2021, participated in one day Online International Seminar on “**Succeeding in the ERA NCDPS**” Organized by Dept. of CT, NGM College, Pollachi. (Mr.

Muthukumar Purushothaman, Software Development Manager, PSI Incontrol SDN BHD, Selangor, Malaysia.)

- On 25th & 26th Aug 2021, Presented a paper in Two days **International Conference on Computing and Intelligent system (ICCIS' 2021)** entitled as “A Comparative Study of Machine Learning Algorithms in prediction of Heart Disease, Organized by the Department of Computer Science / Computer Applications / Information Technology / Computer Technology, Sri Krishna Adithya College of Arts and Science, Coimbatore

September 2021

- On 03.9.2021, participated in one day Online International Seminar on “**Information Security**” Organized by Dept. of CT, NGM College, Pollachi. (Mr. Pradeep Prabhakaran, Associate Consultant, HCL, Bangalore.)
- On 03.09.2021, participated in the International Webinar on “**Cyber Security in Middle East**” organized by Department of Computer Science, Nallamuthu Gounder Mahalingam College Pollachi.
- From 20.09.2021 To 27.09.2021, Participated in the 7 Days Online and Offline FDP on “Application Perspectives in IOT”, Organized by Department Of Computer Science (SF), Nallamuthu Gounder Mahalingam College Pollachi.

October 2021

- From 04.10.2021 to 11.10.2021, participated in **one week short term Training Program** on “**Latest Trends in Information Technology**”, Organized by Department Of Computer Applications with IQAC, Nallamuthu Gounder Mahalingam College Pollachi.
- On 11.10.2021, Organized an Extension Activity on the topic “**Teaching and Learning Tools for Online Education**”, Conducted by Department of Computer Technology, N.G.M College in association with Government High School , S. Malaiyandipattinam, Pollachi.
- On 27.10.2021, participated & presented in a one day International Conference on “Emerging Trends in Science and Technology(ETIST – 2021)”, Organized by Department Of Biological Sciences , Physical Sciences and Computational Sciences, Nallamuthu Gounder Mahalingam College, Pollachi

November 2021

- On 25.11.2021, Acted as a Speaker for 44st NGM Weekly Academic Forum Meeting conducted by IQAC of NGMC.

- On 26.11.2021, UGC NET (Dec' 2020 Cycle) Exam attended at Nehru college of Engineering, Thondamuttur.

December 2021

- Alumni staff members (MR, CK, AK) has attended Alumni Association meeting on 27.12.21 from 3 to 5 PM at Vivekanandhar Arangam.

February 2022

- On 02.02.2022 to 09.02.2022 , participated in one week **Faculty Development Programme** on “ Current Trends in Information Technology”, jointly organized by School of Computational Sciences and CANNY – Consortium of Colleges, Nehru Arts and Science College, Coimbatore.

March 2022

- On 21.03.2022 to 22.03.2022, Participated in Two day National Level Virtual **Faculty Development Programme** on “ Strategies for Writing Review of Literature”, organised by the Department of Commerce (SF), V.H.N Senthikumara Nadar College, Virudhunagar.

April 2022

- On 13.4.2022, Organized and attended Extension Activity on “**Motivating Students to Acquire Online Resource for Skill Development**” at Govt. High School, S. Malaiyandipattinam
- On 18.04.2022 to 23.04.2022, Participated in International FDP on Technological trends in Research and Publications organized GVG College, Udumalpet.
- On 21.04.2022 to 22.04.2022, Participated in Two day National Level Seminar on” Transforming Quality of Teaching By Adapting and Innovating ICT Tools and Techniques- A Key Focus on area of NEP 2020 organized by SNR sons College, Coimbatore.

May 2022

- On 26.05.2022, Participated Online FDP on “Application Perspectives in IOT”, Organized by SNR sons College, Coimbatore.

June 2022

- On 1.6.2022, Organized and attended National Level Seminar on "SDLC & STLC in an Agile Environment and Project Management", NGM College, Pollachi.

July 2022

- From 25.07.2022 to 31.07.22 attended one week FDP, titled on Advanced Computing Technologies, organized by Dept. of CS, NGM College, Pollachi.

August 2022

- Published a paper titled “Local Binary Fitting Median for Noise Reduction in Lung Image Datasets and Classification” Neuro Quantology, vol. 20, Issue. 07, pp. 3820-3830, August. 2022. DOI: 10.14704/nq.2022.20.7.NQ33473

September 2022

- Attended Training Program on Professional Training Program on Social Media technologies and Marketing during Sep 2022, organized by CS Dept., NGM College.

October 2022

- **Published a paper** titled “A Novel ensemble Classification Technique Method to improve the Prediction Cardiacvascular Disease”, Journal of The Maharaja Sayajirao University of Baroda (UGC CARE LIST - I) Vol. 56 Issue NO 1(IX), Oct, 2022. ISSN: 0025-0422
- From 10.10.22 to 14.10.22, attended 5 days Virtual FDP on Recent Trends in Recent Technologies and Tools , organized by KG College of Arts and Science, Coimbatore
- On 21.10.22, attended Training Program on Professional Training Program on Writing Research Document using Latex, organized by Department of Mathematics (Aided), NGM College.
- On 11.10.2022, attended National IPR Awareness Program, organized by National IPR Awareness Mission , IPR Office, India

November 2022

- From 14.11.22 to 18.11.22, participated in Five days Virtual Faculty Development Programme on Data Analytics and Visualization using Tableau organized by G.V.G College, Udumelpet
- On 19.11.2022 to 23.11.2022, participated in Five days International online Faculty Development Programme on “Advanced Techniques in Computing Science and Applications”, organized by Department of Computer Science and Applications, Saveetha College of Liberal Arts and Science, Chennai
- On 25.11.2022, participated in FDP “What makes a Good Teachers A Great Teacher? Organized by PG Department of Commerce with International Business, N.G.M College.

JAN-2023

- Enrolled on NPTEL Online Course “An introduction to Artificial Intelligence”
- Attended ICSSR Sponsored **Two days National level seminar** on “Rural Women Empowerment through entrepreneurship on 19.01.2023 & 20.01.2023 organized by B.Com., (E.Com) , NGM College, Pollachi.
- Applied SEED money proposal on 25.1.23
- On 30.1.2023 Attended Two Day National ICSSR Sponsored Seminar on the topic of “**Blended Mode of Teaching and Learning for Teachers Community**” Organized by Dept. of BPS, NGMC.

Feb 2023

- Attended ICSSR Sponsored **Two days National level seminar** on “Impact of Digital Learning in education sector – A pandemic Perspective” on 08.02.23 and 09.02.2023 organized by B.Com., (SF) , NGM College, Pollachi.

March 2023

- On 16.3.2023 Attended Two Day National ICSSR Sponsored Seminar on the topic of “**National Education Policy: 2020 Challenges and Opportunities for Higher Educational Institution**” Organized by Dept. of Commerce, NGMC.
- On 20.3.23 and 21.3.23, participated in Two Days NAAC Sponsored National Level Workshop on “Implementation of outcome Based Education: Opportunities and Challenges – Learning Outcome based Curriculum Framework” organized by Internal Quality Assurance Cell, NGM College, Pollachi.
- On 31.03.2023, acted as Event Co-coordinator for Quiz in Intercollegiate Meet PIXEL’23 organized by Department of Computer Technology, NGMC on 31.03.2023.

April 2023

- From 10.4.23 to 13.04.2023, participated in Four Days FDP by Ernst & Young in association with Placement Cell, NGM College, Pollachi.