Profile

Name   : **Ms. N.Kannammal**

Gender   : Female

Department   : Computer Science

Educational Qualification   : M.Sc.IT, M.Phil.,B.Ed., Ph.D

S. N0.	Name of the College / University	Degree / Diploma	Year of Completion
1	Sri Jayendra Matriculation Higher SecondarySchool, Trichy	S.S.L.C	1997
2	Sri Jayendra Matriculation Higher SecondarySchool, Trichy	H.S.C	1999
3	Annamalai University, Trichy	B.DIT	2002
4	Bharathidasan University, Trichy	M.Sc.IT	2005
5	St.Joseph College, Trichy	M.Phil	2007
6	Aptech computer Education	Acep.Net	2002
7	St.Joseph's College, Bharathidasan University	Ph.D	Pursuing

Technical Skills(if any)

1	Technical Education	Junior Grade in Tamil	2000
2	Technical Education	Junior Grade in English	1998
3	Technical Education	Senior Grade in English	2000
4	Hindi Course	Prathamic Examination	2004

Teaching Experience at Holy Cross College: **19 Years Teaching**

Experience outside Holy Cross College: -

Total Teaching Experience: 18 Years 4 Months

Patents Applied:

1. **Title :** Intelligent ROBOT for unmanned Regions

   (Design Patent – Examination Report has been generated)

   Date : 21.7.2021

   Application No. : 346534-001

2. **Patent Granted:**

   Title: Artificial Intelligence Based Robot for Security Checkup (DesignPatent)

   Date: 04/01/2024

   Design No: 403765-001

Positions Held (VP / Dean/ HOD / Director/ Overall Coordinator etc.)

Year	Name of the Position
2014-2015	**Certificate of Recognition (Overall)**
	1. Assistant Staff- Coordinators (overall)
	Certificate of Appreciation (Departmental Activities)
	1. Rescapes
	2. HRD
	3. Tour & IV
	4. Department Clubs & Association(Cyberfest Event Incharge)
2015-2016	**Certificate of Recognition (Overall)**
	1. Staff- Coordinator (Overall)
	Certificate of Appreciation (Departmental Activities)
	1. Parents Teachers Association
	2. Department Clubs & Association (Workshop Incharge)
	3. HRD
	4. Tour & IV
	5. Department Clubs & Association(Cyberfest Event Incharge)
2016-2017	**Certificate of Appreciation (Overall)**
	1. YOGA (Overall)
	Certificate of Appreciation (Departmental Activities)
	1. Department Clubs & Association (Workshop Incharge)
	2. HRD
	3. Tour & IV
	4. Department Clubs & Association(Cyberfest Event Incharge)

2017-2018	**Certificate of Appreciation (Department)**
	1. National seminar committee member
	2. International seminar committee member
	3. Fine Arts
	4. Department Clubs & Association(Cyberfest Event Incharge)
	5. National Seminar committee member
	6. Tour & IV
	7. HRD
	8. Time Table
	9. Department Clubs & Association (Workshop Incharge)
	10. Staff Club
2018-2019	**Certificate of Appreciation (Overall)**
	Alumnae Association (Overall)
	Certificate of Appreciation (Departmental Activities)
	1. Fine Arts
	2. Time Table
	3. Department Clubs & Association(Cyberfest Organizer)
	4. Department Clubs & Association(Comfest Event Incharge)
	5.Department Clubs & Association(Seminar Organizer)
	6. Department Clubs & Association(Workshop Incharge)
	7. Staff Club
2019-2020	**Certificate of Appreciation (Overall)**
	Alumnae Association (Overall)
	Certificate of Appreciation (Departmental Activities)
	1.Time Table
	2. Tour & IV
2020-2021	**Certificate of Appreciation (Departmental Activities)**
	1.Time Table
	2. Tour & IV
2023-2024	1.Sports and Fine Arts – Coordinator (Overall) (Shift II) till date

Journal / Articles Published /Paper Published:

1. **International Journal of Scientific Research in Computer Science, Engineering and Information Technology** © 2017 IJSRCSEIT | Volume 2 | Issue 5 | ISSN: 2456-3307 *"A Comparative Study of Security Protocols in Wireless Sensor Networks"*.

2. **Journal of Multi-Dimensional Research and Review (JMRR)** Volume 10, Issue 10, Oct 2019 | ISSN: 2708-9452 *"Applications of Natural Language Processing"*.

3. **International Conference on "Futuristic Trends in Computational Sciences" (ICFTCS '23)** Organized by PG Department of Computer Applications, Holy Cross College (Autonomous), Tiruchirappalli-620 002 *"E-Voting System"*, 23rd September 2023.

4. **International Conference on "Futuristic Trends in Computational Sciences" (ICFTCS '23)** Organized by PG Department of Computer Applications, Holy Cross College (Autonomous), Tiruchirappalli-620 002 *"Secret Communication System for Military by Using Machine Learning Steganography"*, 23rd September 2023.

5. **International Conference on "Futuristic Trends in Computational Sciences" (ICFTCS '23)** Organized by PG Department of Computer Applications, Holy Cross College (Autonomous), Tiruchirappalli-620 002 *"Diabetic Prediction using Retinal Images"*, 23rd September 2023.

6. **International Conference on "Futuristic Trends in Computational Sciences" (ICFTCS '23)** Organized by PG Department of Computer Applications, Holy Cross College (Autonomous), Tiruchirappalli-620 002 *"Image Steganography using Face Counterfeit Detection in National Identity Cards"*, 23rd September 2023.

7. **International Conference on "Futuristic Trends in Computational Sciences" (ICFTCS '23)** Organized by PG Department of Computer Applications, Holy Cross College (Autonomous), Tiruchirappalli-620 002 *"Charging Slot Prediction and Automation System for Electric Vehicle Charging Station"*, 23rd September 2023.

8. **International Conference on the Impact of Disruptive Technologies** Presented on the topic " A survey on Dynamic Task Scheduling in Cloud Computing using Metaheuristic Approaches" St. Joseph's College, Trichy, January 8th & 9th 2024.

9. **International conference on "Current Trends in Information Technology" (TECH MEET-CSSRC-2023)** Participated & Published "Available Delightful Dwellings web Portal " Seethalakshmi Ramaswami College, Trichy , 28.12.2023 & 29.12.2023

10. **International conference on "Current Trends in Information Technology" (TECH MEET-CSSRC-2023)** Participated & Published "Secure health care Application for Diabetic cardio disease prediction using block chain" Seethalakshmi Ramaswami College, Trichy, 28.12.2023 & 29.12.2023

11. **International conference on "Current Trends in Information Technology" (TECH MEET-CSSRC-2023)** Participated & Published ""Cardless ATM base on QR code and Face Biometricts" Seethalakshmi Ramaswami College, Trichy, 28.12.2023 & 29.12.2023

SEMINAR/ WORKSHOP/CONFERENCE ATTENDED AND PAPER PRESENTED

S No.	Seminar/Workshop/Conference With the Topic	Participated/Paper Presented with the Title	Sponsored by	Place and Duration
1.	Nine days FDP on Strategic Guidance for NTA NET in Computer Applications	Participated	SRM Institute of Science and Technology	03.06.2023 to 11.06.2023
2.	One day International FDP on Innovative Techniques in Artificial Intelligence and Deep Learning	Participated	Holy Cross College	07.08.2023
3.	FDP on Open AI for Academicians	Participated	St. Joseph's College, Trichy	16.08.2023 to 22.08.2023
4.	One day Seminar on Research Publications and Ethics	Participated	St. Joseph's College, Trichy	26.09.2023
5.	One day FDP on Transformative Teaching Strategies and Innovative Research	Participated	Holy Cross College	30.01.2024
6.	International Conference on the Impact of Disruptive Technologies	Presented on the topic " A survey on Dynamic Task Scheduling in Cloud Computing using Metaheuristic Approaches"	St. Joseph's College, Trichy	January 8th & 9th 2024
7.	FDP on "Trustworthy AI"	Participated	St. Joseph's College, Trichy	12th March 2023
8.	National Level Online Workshop on ChatGPT for Academics	Participated	St. Joseph's College, Trichy	21st June 2023
9.	One Day National Seminar on "Integrating Artificial Intelligence For Cyber Security In The Digital Era"	Participated(CS)	Holy Cross College, Trichy	22th February 2024
10.	Workshop on "Unleashing Innovative Technologies"	Participated(DS)	Jamal Mohamed College in collaboration with Holy Cross College, Trichy	19th and 20th February 2024
11.	Three Day FDP on "Empowering Education with AI based Learning Concepts for Global Competence"	Participated(CS)	Holy Cross College	29th – 31th January 2024
12.	International FDP on "Transformative Teaching Strategies and Innovative Research"	Participated(CA)	Holy Cross College	30th January 2024

13.	International seminar on "Futuristic Trends in Computational Science'24"	Participated(CA)	Holy Cross College	21.02.2024
14.	International conference on "Current Trends in Information Technology" (TECH MEET-CSSRC-2023)	Participated & Published "Available Delightful Dwellings web Portal"	Seethalakshmi Ramaswami College, Trichy	28.12.2023 & 29.12.2023
15.	International conference on "Current Trends in Information Technology" (TECH MEET-CSSRC-2023)	Participated & Published "Secure health care Application for Diabetic cardio disease prediction using block chain"	Seethalakshmi Ramaswami College, Trichy	28.12.2023 & 29.12.2023
16.	International conference on "Current Trends in Information Technology" (TECH MEET-CSSRC-2023)	Participated & Published "Cardless ATM base on QR code and Face Biometricts"	Seethalakshmi Ramaswami College, Trichy	28.12.2023 & 29.12.2023
17.	One day National Seminar on Mechanics of Scholarly writing	Participated	HCC Research Colloquium, Holy Cross College	06.07.2024
18.	One day Seminar on "Mastering in Writing and Publishing articles in Scopus & Web of Science Journals	Participated	HCC Research Colloquium, Holy Cross College	31.08.2024

Resource Person:

Academic Year	Name of the Programme	Date	Details
2024	An Awareness Session on "Innovation and Entrepreneurship"	08th September	Holy Cross College, Trichy
2024	Motivation Session on "Creativity in Action: The Heart of Innovation"	12th July	Holy Cross College, Trichy
2021	Online Webinar on GIMP	8th June	Dhanalakhmi Srinivasan College of Arts and Science for Women, Perambalur
2021	E-Content Development Programme	1st February	Babbage Computer Science Association Holy Cross College of Education, Trichy
2019	Innovation on Teaching Methodologies	21st September	Holy Cross College of Education, Trichy
2014	An Overview of LAMP Technology	19th September	Thanthai Hans Roever College, Perambalur

Workshop/ FDP Participated/Attended:

1. **National Workshop on "Advanced Research Concepts in Computer Science using MATLAB"** *School of Computer Science, Engineering and Applications, Bharathidasan University, Tiruchirappalli* 18th December 2013.

2. **NPTEL Workshop on "Online Courses"** *Conducted by IIT Madras* 27th July 2018.

3. **Faculty Development Programme on "Rapid Application Development using Python"** September 2018.

4. **One Day Workshop on R** *Conducted by IIT Bombay at SASTRA Deemed University, Thanjavur* 9th November 2019.

5. **One Day International Online Faculty Development Program on "Technologies for the New Era"** *Organized by Innova Club, Department of Information Technology, Cauvery College for Women (Autonomous), Trichy* 22nd January 2022.

6. **Two Day In-Service Faculty Workshop on "Python and R Programming"** *Conducted by PG & Research Department of Mathematics, Holy Cross College (Autonomous), Trichy* 12th & 13th July 2022.

7. **Nine Days Faculty Development Program on "Trustworthy AI"** *Organized by the Department of Data Science, St. Joseph's College, Trichy* 3rd to 11th June 2023.

8. **National Level Online Workshop on "ChatGPT for Academics"** *Conducted by Department of Computer Science, St. Joseph's College, Trichy* 21st June 2023.

9. **One Day Seminar on "Research Publication and Ethics"** *Conducted by SJC Research Committee, St. Joseph's College, Trichy* 26th September 2023.

10. **Faculty Development Programme on** "AI Tools for Research Publication and Reporting, Holy Cross College, 09.09.2024.

Conference Participated/Organizing Member:

1. **National Conference on "Advanced Computing & Communication Technologies"** *Holy Cross College, Trichy-2* February 2009.

2. **National Conference on "Emerging Trends in Communication and Information Technology"** *Holy Cross College, Trichy-2* 6th & 7th January 2010.

3. **National Conference on "Web Engineering (CWE'10)"** *Holy Cross College, Trichy-2* 19th & 20th February 2010. *(Organizing Member)*

4. **National Conference on "Youth and Values"** *Holy Cross College, Trichy-2* 1st December 2017.

5. **International Seminar on "Cloud - Journey to Industry"** *Holy Cross College, Trichy-2* 14th July 2017. *(Organizing Member)*

6. **National Seminar on "Innovative Computing Technologies"** *Holy Cross College, Trichy-2* 8th January 2018. *(Organizing Member)*

7. **International Conference on "Smart and Innovative Technologies - The Future of Digital India (ICSIT'20)"** *Holy Cross College, Trichy-2* 16th & 17th March 2020. *(Organizing Member)*

8. **Five Day Online International Faculty Development Programme on "Blended and Inclusive Strategies in Artificial Intelligence and Machine Learning"** *Organized by PG Department of Computer Science, Holy Cross College, Trichy-2* 18th to 22nd October 2021. *(Organizing Secretary)*

9. **International Virtual Conference on Intelligent and Computing Systems (ICICS-2022)** *Organized by UG Department of Computer Applications, Bishop Heber College, Tiruchirappalli* 30th March 2022.

10. **One day International Conference on** "Trends in Aritificial Intelligence(ICTAI), Shrimati Indira Gandhi College, 20.09.2024.

E-lessons developed:

S.No.	Title of the E-content lesson	Name of the Platform Loom/Screen Recording /OBS/Google Meet/etc.	Subject, Unit of the lesson	Class & Programme
1.	Java Programming	Google Meet	Decision making and Looping in Java Unit – II	III B.Sc
2.	Open Source Technology	Google Meet	Php -Introduction and Control Structures Unit- I	II M.Sc
3.	Database Management System	Screen Cast O Matic	Types of Databases Unit- I	II B.Sc
4.	Computer Networks	Screen Cast O Matic	OSI Reference Model Unit – I	III B.Sc

SEMINAR/ WORKSHOP/CONFERENCE ATTENDED AND PAPER PRESENTED: 2020-2021

S. No.	Seminar/Workshop/ Conference/Webinar With the Topic	Participated/ Paper Presented with the Title	Sponsored by	Place and Duration
1.	One Day State Level Seminar on **"Digital India Initiatives"**	"Big Data and Data Lake", "Analytics & Machine Learning"	Department of Computer Science, St.Joseph's College, Trichy-2	13th September 2019.
2.	**FDP**-Artificial Intelligence and IoT-Heuristic Transdisciplinary Perspectives	Participated	Organized byCICRSD	Holy Cross College(Autonomo us), Trichy-2 4th -10th July 2020
3.	**FDP**-Evolution of Teaching Learning Process- Post Covid 19	Participated five days	Organized by Bharath Institute of Science and Technology	Bharath Institute ofHigher Education and Research, India11th May to 15th May 2020
4.	**FDP**-Artificial Intelligence and IoT-Heuristic Transdisciplinary Perspectives	Participated	Organized byCICRSD	Holy Cross College(Autonomo us), Trichy-2 4th -10th July 2020
5.	**FDP**- Optimizing Family During Lockdown	Participated	Organized by HCCares WebinarSeries	Holy Cross College(Autonomo us), Trichy-2 19th May 2020
6.	**FDP**- Seed and Weed – Nurturing Relationships	Participated	Organized by HCCares WebinarSeries	Holy Cross College(Autonomo us), Trichy-2 2nd June 2020
7.	**FDP** – Healthy ParentingStyles	Participated	Organized by HCCares WebinarSeries	Holy Cross College(Autonomo us), Trichy-2 27th May 2020
8.	**FDP**- Risk Management inTimes of Crisis	Participated	Organized byIQAC	Holy Cross College(Autonomo us), Trichy-2 12th June 2020
9.	**FDP**- Remote Classrooms Digital Technology in Teaching Learning	Participated	Organized byIQAC	Holy Cross College(Autonomo us), Trichy-2 30th May 2020

10.	**FDP** -Andragogy of OnlineTeaching	Participated	Organized byIQAC	Holy Cross College(Autonomo us), Trichy-2 29th May 2020
11.	**FDP** -Data Science	Participated	Organized by PG & Research Department of Computer Science and PG Department of Information Technology	Jamal Mohamed College(Autonomo us), Trichy 18th May 2020
12.	**FDP**- Andragogy of OnlineTeaching	Participated	Organized byIQAC	Holy Cross College(Autonomo us), Trichy-2 29th May 2020
13.	**FDP** -Data Analytics and Data Visualization using Tableau	Participated	Organized by Department of Computer Applications	Shri Krishnaswamy College for Women Chennai 14th and 15th May2020
14.	**FDP**-Evolution of Teaching Learning Process- Post Covid 19	Participated five days	Organized by Bharath Institute of Science and Technology	Bharath Institute ofHigher Education and Research, India11th May to 15th May 2020
15.	International Conference on "Futuristic Trends in Computational Sciences" – ICFTCS '23	Participated and Presented paper on "*E-Voting System*"	PG Department of Computer Applications, Holy Cross College(Autonom ous), Tiruchirappalli-620 002	Holy Cross College (Autonomous), Tiruchirappalli-620 002 Date: 28-02-2023
16.	International Conference on "Futuristic Trends in Computational Sciences" – ICFTCS '23	Participated and Presented paper on	PG Department of Computer Applications, Holy Cross College(Autonom ous), Tiruchirappalli-620 002	Holy Cross College (Autonomous), Tiruchirappalli-620 002 Date: 28-02-2023
17.	International Conference on "Futuristic Trends in Computational Sciences" – ICFTCS '23	Participated and Presented paper on	PG Department of Computer Applications, Holy Cross College(Autonom ous), Tiruchirappalli-620 002	Holy Cross College (Autonomous), Tiruchirappalli-620 002 Date: 28-02-2023

18.	International Conference on "Futuristic Trends in Computational Sciences" – ICFTCS '23	Participated and Presented paper on	PG Department of Computer Applications, Holy Cross College(Autonomous), Tiruchirappalli-620 002	Holy Cross College (Autonomous), Tiruchirappalli-620 002 Date: 28-02-2023
19.	International Conference on "Futuristic Trends in Computational Sciences" – ICFTCS '23	Participated and Presented paper on	PG Department of Computer Applications, Holy Cross College(Autonomous), Tiruchirappalli-620 002	Holy Cross College (Autonomous), Tiruchirappalli-620 002 Date: 28-02-2023
20.	**FDP**-"Trustworthy AI"	Participated	Organized by Department of Data Science	St. Joseph's College, Trichy-2 12th March 2023
21.	**FDP**- "Recent Trends in Information Technology"	Participated Five days	Organized by Department of Computer Science and Computer Application	Sri Muthukumaran Arts and Science College, Chennai-69 6th to 10th March 2023

National and International FDP:

S. No.	Seminar/Workshop Conference/FDP	State/National /International	Participated/Paper Presented	Sponsored by	Place and Duration
1.	Online Faculty Development Programme on "Machine Learning"	**Nation Level**	Participated	Department of ComputerScience	Bishop Heber College, Trichy 10 March 2020
2.	Evolution of Teaching Learning Process- Post Covid 19	**National Level**	Participated -five days	Department of Computer Science	Alagappa University, Karaikudi May 11th to 15th May 2020
3.	Hands on Exposure in Moodle Learning Management System	**International Level**	Participated	Department of Computer Science	AuxiliumCollege, Vellore 8- 14th June 2020
4.	International FDP on Recent insights on cybersecurity	**International Level**	Participated	Department of Computer Science	Cauvery College forWomen, Trichy 7th May2020

5.	Migration of IT Infrausing Cloud	**International Level**	Participated	Zeetro Networks	Poornima Institute of Engineering & Technology,Jaipur 20&21st May 2020
6.	Web Application Security	**National Level**	Participated	Department of Information Technology	Jeppiaar Institute of Technology, Chennai 27th & 28th May 2020
7.	Current Trends in Software Engineering Agile and Scrum Overview	**National Level**	Participated	Organized by Department of Computer Science	Bishop Heber College, Trichy 13th May 2020
8.	Data Analytics and Visualization usingTableau	**National Level**	Participated	Department of Computer Science	Shri Krishaswamy College for Women, Chennai 14&15th May 2020
9.	Online Faculty Development Programme on Data Science	**National Level**	Participated	Department of Computer Science	Jamal Mohamed College, Trichy 18th May2020
10	Online Faculty Development Programmeon SAP	**National Level**	Participated	Department of Computer Science	Jamal Mohamed College, Trichy 18th May2020
11	Applications of Data Analytics in Data Science	**National Level**	Participated	Department of Computer Science	National College, Trichy 21,22 May 2020

Book Publication:

➤ N. Kannammal (2024), "**Advanced Computing Technologies**", ISBN NO.: 978-93-5762-297-4, Alpha International Publication

Memberships in academic bodies (Board of studies, Doctoral Committee Member)

1. Board of Studies.

Residential Address:

Ms.N.Kannammal

D/O M. Nagarajan

4/125 Ward, Andanallur(Post),

Jeeyapuram, Trichy-D.T

Pincode: 639 101

Mobile: 9788183799, 8778862689

Email – ID: nkannammal82@gmail.com, kannammal@hcctrichy.ac.in