<u>**RESUME**</u>

<u>**P.KARDEEPA**</u>

<u>**CONTACT DETAILS**</u>

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<u>**CAREER OBJECTIVE**</u>

To obtain a responsible position where my education and work experience will have valuable application.

<u>**ACADEMIC PROFILE**</u>

B.E. - INFORMATION TECHNOLOGY   [8.45 CGPA] ,
Avinashilingam University for Women, Coimbatore.

M.E. - PERVASIVE COMPUTING TECHNOLOGY   [8.14 CGPA] ,
University College of Engineering (BIT CAMPUS), AnnaUniversity, Trichy.

<u>**ACCOMPLISHMENT**</u>

Qualified "**NATIONAL ELIGIBILITY TEST"** for **Assistant Professor/Lectureship NTA UGC NET** - Dec. 2021 & June 2022 Merged cycles.

<u>**PROFESSIONAL EXPERIENCE**</u>

Teaching Experience	**5.5 Years**
Assistant Professor	(Feb 2023 – Till date) Department of Computer Science & Engineering, School of Computing, Kalasalingam Academy of Research & Education, Krishnankoil-626126.
Teaching Fellow	(June 2016 - Dec.2018), Faculty ID : 8100267 Department of Computer Applications, University College of Engineering, BIT Campus, ANNA UNIVERSITY, Trichy-620024.
Teaching Assistantship	(July 2013), Teaching Assistantship & TEQIP-II Activities Technical Education Quality Improvement Programme, GOI, National Project Implementation Unit - NPIU.
Languages Known :	English, Hindi and Tamil.

SOFT SKILLS

➢ Team work and Strategic planning

➢ Mentoring & Reviewing

AREA OF INTEREST

➢ Operating System

➢ Embedded Systems

➢ Machine Learning

CERTIFICATIONS

➢ Certificate course on **Computerized Business Application** in 2003.

➢ Selected for **Teaching Assistantship under TEQIP-II by NPIU, New Delhi** in 2013-14.

➢ Received **Certification of Appreciation from Head of the Department** /Computer Applications, UCE, BIT Campus, AUT, Trichy.

➢ Completed **FDP equivalent NPTEL Online 12 weeks Certification Course** Titled "Internet of Things (IOT) during August 2018 – October 2018 (Score: 78).

ACADEMIC PROJECTS

➢ Mini Project – Students feedback form using visual basic tool.

➢ UG Project – Semantic image adaptation for user centric mobile devices.

➢ PG Project – Bounding unsolicited data to user profile using confined
text clustering.

OTHER CONTRIBUTION

➢ Project Guidance : UG & PG Students

➢ Project Reviewer : UG / PG Projects

➢ Timetable coordinator : Jan 2017- Dec 2018

➢ Women Empowerment Cell (WEC) Member: 2024-2025.

➢ ACM W Student Chapter (ID**:** 180857) – Professional Member Since 2024.

BOOK PUBLICATIONS

S.NO.	Title of the Book	Publication Details
1	Embedded Systems and IOT (2nd Author)	SIPH (Scientific International Publishing House), 2024.
2	Handbook of Machine Learning Techniques: Concepts and Algorithms (1st Author)	Prime International Publication, 2024.

PROGRAMMES ORGNAIZED/ SESSION HANDLED:

Seminars/Conference/Workshops/Short-term Courses/Symposium/FDP/ Events:

S.No	Programme	Dates	Responsibility
1	**DBT, Govt. of India** sponsored Eight days National level **Workshopon** "Modernization in Bioinformatics & Big data".	19.12.2016-26.12.2016	**Course Coordinator** Anna University, TRICHY.
2	One day National level **Technical Symposium** "TECHGYAN'2k18".	08.03.2018	**Coordinator** Anna University, TRICHY.
3	One day **Capacity Development Programme** for Lateral Entry Students.	07.09.2018	**Programme Coordinator** Anna University, TRICHY.
4	Two days **Faculty Training Programme** on "**Python Programming for Physicist".**	15.06.2023 & 16.06.2023	**Resource Person** KARE, KrishnanKoil.
5	**Technical Event 'SQL KNIGHTS',** a part of EUPHORIA 2024, Organized by KARE ACM STUDENT CHAPTER, **ID: 170084**.	26.03.2024 & 27.03.2024	**Faculty Coordinator** KARE, KrishnanKoil.
6	**Technical Event 'TECH QUEST – THE DIGITAL ODYSSEY**', Organized by KARE ACM STUDENT CHAPTER.	03.06.2024	**Faculty Coordinator** KARE, KrishnanKoil.
7	**Technical Event 'SHEROES CODEATHON** : Exclusively for women participants ', Organized by KARE ACM-W Student CHAPTER, **ID: 180857**.	16.08.2024	**Faculty Coordinator** KARE, KrishnanKoil.
8	**Technical Event 'PEER TO PEER LEARNING WORKSHOP : Concept to Prototype** ', Organized by KARE ACM-W Student CHAPTER.	04.09.2024	**Faculty Coordinator** KARE, KrishnanKoil.
9	**Technical Event ' ALUMNI TALK on Cloud Computing SAAS Applications** ' , Organized by KARE ACM-W Student CHAPTER.	13.09.2024	**Faculty Coordinator** KARE, KrishnanKoil.
10	**Technical Event ' Eminent Speaker Program on Brain Computer Interface** ' Organized by KARE ACM-W Student CHAPTER.	19.09.2024	**Faculty Coordinator** KARE, KrishnanKoil.
11	**Technical Event ' ONE CREDIT COURSE ON on Brain Computer Interface** ', Organized by KARE ACM-W Student CHAPTER.	20.09.2024 & 21.09.2024	**Faculty Coordinator** KARE, KrishnanKoil.
12	**"Technical Outreach programme for Govt. School Students at GOVT. School, Sundrapandiapuram** ', Organized by KARE ACM-W Student CHAPTER.	05.12.2024	**Faculty Coordinator** KARE, KrishnanKoil.
13	**Technical Event : SHE-CODES APP DEVELOPMENT** , a part of **Vinthra** 2024, Organized by KARE ACM-W Student CHAPTER, ID: 180857)	19.10.2024	**Faculty Coordinator** KARE, KrishnanKoil.
14	**Technical Event "Techathon'25 " : 24 hours Hackathon** , Organized by KARE ACM-W Student CHAPTER, **ID: 180857**)	22.02.2025 & 23.02.2025	**Faculty Coordinator** KARE, KrishnanKoil.
15	Two days Co-teaching Session handled on **Machine Learning Course** : Ensemble Techniques & Imbalanced Classification	25.08.2025 & 01.09.2025	**Co-teacher** CA/KARE, KrishnanKoil.

SEMINARS/CONFERENCE/WORKSHOPS/FDP/STTP ATTENDED

S.no.	Title	Programme	Date	Venue
1.	Intelligent Data Analysis and Image Processing	National Workshop	15th & 16th October 2010	Bannari Amman Institute Of Technology, Sathyamangalam.
2.	Web Designing	Two Days Workshop	24th & 25th February 2011	Avinashilingam University for Women, Coimbatore.
3.	Networking Technologies	National Workshop	16th February 2013	UCE, Anna University (BIT Campus), Trichy.
4.	Intelligent Systems, Computing and Information Technology	National Conference (Paper Presented)	04.04.2014 & 05.04.2014	Anna University (BIT Campus), Trichy.
5.	Advances in High Dimensional Big data for Industrial Safety Critical Systems	National level Workshop	05.08.2016 & 06.08.2016.	University College of Engineering, Anna University (BIT Campus), Trichy.
6.	Data Analytics for Geosciences, Healthcare and Society	National level Workshop	22.09.2016 & 23.09.2016	University College of Engineering, Anna University (BIT Campus), Trichy.
7.	Internet of Things	Faculty Development Programme	July 2018 – October 2018	AICTE approved NPTEL '12 weeks' online programme.
8.	Opportunities & Challenges in Internet of Things	International Workshop-Hybrid mode	02.02.2023 & 03.02.2023	SASTRA deemed to be University, Tanjavur.
9.	AWS using DevOps	National Level online FDP	26.06.2023-30.06.2023	CMR Engineering College, Hyderabad.
10.	Block chain Technology	Faculty Development Programme by External Experts	26.06.2023 & 27.06.2023	Kalasalingam Academy of Research and Education, Krishnan Koil.
11.	Self-Sustainable Artificial Intelligent systems	International conference (Paper Presented)	18.10.2023-20.10.2023	M.P.Nachimuthu M.Jaganathan Engineering College, Erode.
12.	Machine Learning	Faculty Development Programme by IBM Experts	01.12.2023 to 05.12.2023	Kalasalingam Academy of Research and Education, Krishnan Koil.
13.	Deep Learning Techniques for Image Retrieval Applications	3 days Online FDP	18.01.2024-20.01.2024	SRM College for Engineering and Technology, Madurai.
14.	Emerging Trends in Data Analytics	5 days Virtual Faculty Development Programme	22.01.2024-26.01.2024	Saveetha College of Liberal Arts and Sciences, SIMATS, Chennai.
15.	Python Programming with DJANGO framework for building Web Applications	National Level online FDP	12.02.2024-16.02.2024	CMR Engineering College, Hyderabad.
16.	AI Tools for Research and Publishing	International Online FDP	14.02.2024-16.02.2024	Mannar Thirumalai Naicker College, Madurai.
17.	Generative AI	One week Faculty Development Programme	17.06.2024-22.06.2024	CMR Engineering College & Pantech e Learning, Hyderabad.
18.	Gen -AI	3 Days Faculty Development Programme	04..07.2024-06.07.2024.	Kalasalingam Academy of Research and Education, Krishnan Koil.
19.	Exploring AI : Trending & Technologies	5 Days Online FDP	09.09.2024-13.09.2024	DMI College of Engineering, Chennai.

20.	Cloud Computing Tools	5 Days Online FDP	15.10.2024-19.10.2024	SVCE, Sriperumbudur.
21.	Descriptive Analysis	Faculty Development Programme by IBM Experts	05.12.2024-07.12.2024.	Kalasalingam Academy of Research and Education, Krishnan Koil.
22.	Innovative Approaches to Cyber Security & Digital Forensics	6 Days ATAL Academy FDP	16.12.2024-21.12.2024	ATAL Academy FDP, Bhoj Reddy Engineering College for Women.
23.	"Computer Vision and Gen-AI Tools",	Two weeks Faculty Development Programme (Online Mode)	15/07/2024 - 27/07/2024.	RAMCO INSTITUTE OF TECHNOLOGY, Rajapalayam.
24.	"Industry Colloquium on AI & Industry driven Approaches" ,	ONE DAY Industry Colloquium	27.12.2024	Kalasalingam Academy of Research and Education, Krishnan Koil Organized by KARE ACM MADURAI PROFESSIONAL CHAPTER , ID: 194839.
25	Research Opportunities in Computer Science (ROCS)	One day Workshop, Jointly Organized by KARE ACM .	08.03.2025	Kalasalingam Academy of Research and Education, Krishnan Koil.
26	IOT in Education : Enhancing Curriculum with Sensor Technology	10 days Faculty Development Programme	17.03.2025 - 28.03.2025	NIT Warangal in association with IIITDM KURNOOL, AP & DSU,TRICHY.
27	Invited talks & Panel Discussion by Proficient Industry Experts	One day Event by Madurai ACM in association with ACM INDIA	29.03.2025	Kalasalingam Academy of Research and Education, Krishnan Koil.

JOURNAL PUBLICATIONS / PAPER PRESENTATION

S.NO.	Title of the paper	Journal/ Conference
1	"Dynamic Bounding Unsolicited Data to User Profile Using Confined Text Clustering"	International Journal of Applied Engineering Research (IJAER)* 2014
2	"Protection against invasion of privacy of internet users"	TEQIP II sponsored National Conference on Intelligent Systems, Computing and Information Technology (NCICIT'14) 2014
3	"Auto Remainder System For Institutional Scholarship"	International Journal of Engineering Trends and Technology (IJETT)2017
4	"Android Based Ticket Booking System For Local Trains"	International journal for science and advance research in technology (IJSART)2018
5	"Twitter Spam Detection using word vector and Binary Classifier"	International Conference on Self-Sustainable Artificial Intelligence Systems (ICSSAS '23) IEEE Xplore. 18-20 October 2023.
6	"Comparative Analysis of Eminent Algorithms for Detecting Ham & Spam Contents in OSN"	IEEE & 4th International Conference on Sustainable Expert Systems. 15-17 October 2024
7	"RGCNN: Precise Fake News Detection on Social Media Using Random Group Coupled Neural Networks.	IEEE ICSES'24 15-17 October 2024
8	Brain Tumor Detection and Classification using CNN and ViT	1st International Conference on Health care Innovation and smart systems (ICHISSS-2024). 29-30 December 2024.
9	A comparative Analysis between Support Vector Machine and Linear Regression for Improving Accuracy of Medal Tally in Asian Games	International Conference on Multi-Agent Systems for collaborative Intelligence. 20-22 January 2025.