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EDUCATIONAL DETAILS

- ✓ **Ph.D. in Computer Science and Engineering (pursuing)**
 - Department of Computer Science Engineering and Technology
 - Bharathidasan University
- ✓ **M.Phil. in Computer Sciences (2016-2017) - 71.4%**
 - Indian Institute of Information Technology and Management – Kerala (IIITM-K)
 - Cochin University of Science and Technology.
- ✓ **M Tech in Computer and IT (2010-2012) – 78%**
 - Centre for information Technology and Engineering
 - M.S University, Tirunelveli
- ✓ **M Sc Computer Engineering & Network Technology.(2007-2009)-**
 - **81% FIRST RANK**
 - School of Technology and Applied Sciences
 - Mahatma Gandhi University
- ✓ **AMIE(Associate Member of Institution of Engineers(India))**
 - AM 163812-5, Section B Registered, pursuing
- ✓ **Advanced Diploma in Big data Analytics(2016)**
 - National Institute of Electronics and Information Technology , 67 %
- ✓ **B Sc Electronics with computer Hardware(2001-2004)**
 - MES College, Marampally, Aluva.
 - Mahatma Gandhi University., 57%
- ✓ **Plus Two(1999-2001)**
 - Tharbiyath Trust Higher Secondary School, Muvatupuzha
 - Board of Higher Secondary Examination, 53%
- ✓ **SSLC (1999)**
 - Asram High School, Perumbavoor
 - Department of General education, Kerala State, 66%

PROFESSIONAL EXPERIENCE

Teaching

- ✓ **Working As Assistant Professor in Department of CSE, ICET, Muvatupuzha, From JANUARY 2022.**
- ✓ **Assistant Professor in Department of CSE, P.A COLLEGE OF ENGINEERING, MANGALORE, From JANUARY 2019 to December 2021 .**
- ✓ **Assistant Professor in Department of CSE, JAI BHARATH COLLEGE OF MANAGEMENT AND ENGINEERING TECHNOLOGY, Perumbavoor, Kochi, Kerala From JUNE 2017 to JANUARY 2019.**
- ✓ **Assistant Professor in Department of CSE, ILM COLLEGE OF ENGINEERING AND TECHNOLOGY, Perumbavoor, Kochi, Kerala From March 2017 to April 2017 .**
- ✓ **Assistant Professor in Department of MCA, M.E.S -ADVANCED INSTITUTE OF MANAGEMENT AND TECHNOLOGY, Aluva, Kochi from January 2013 to March 2016.**
- ✓ **Lecturer at Department of Computer Application, MES College, Marampally since February 2010 to June 2010 and from February 2012 to January 2013.**

MEMBERSHIPS IN PROFESSIONAL BODIES

- ✓ **Associate Member of Institution of Engineers India(IEI)**
- ✓ **Member of Institute of Electrical and Electronics Engineers (IEEE). Expd**
- ✓ **Member of IEEE Sensors Council. Expd**
- ✓ **Member of IEEE Nanotechnology Council. Expd**
- ✓ **Member of IEEE Biometrics Council. Expd**
- ✓ **Member of Association for Computing Machinery (ACM). Expd**
- ✓ **Member of Computer society of India (CSI). Expd**
- ✓ **Member of Science and engineering institute (SCIEI).**
- ✓ **Member of Society of Digital Information and Wireless Communications.**
- ✓ **Member of International Association of Engineers (IAENG)**

RESEARCH PUBLICATIONS

International Journals

- ✓ **Edge Adaptive Image Steganography Based on Adaptive Pixel Pair Matching**, *IOSR Journal of Computer Engineering (IOSR-JCE)* e-ISSN: 2278-0661, p- ISSN: 2278-8727 Volume 16, Issue 1, Ver. IV (Jan. 2014), PP 76-8.

National conferences

- ✓ **“Character Recognition Using Neural Networks”**–NCATIT-2013 on 21st February 2013 at Dr. N.G.P. Arts and Science College, Coimbatore.
- ✓ **“Automatic License Plate Recognition using Feed-Forward Neural Networks”** – on 22nd September 2012 at M.E.S College, Marampally.
- ✓ **“Computer security in the real world”** - TCCNS-2013 on 31st October 2013 at M.E.S-AIMAT, Always, Kochi.
- ✓ **“A novel data embedding approach on digital images based on edge analysis and pixel value differencing technique”**- UGC sponsored National conference on Information and Communication Technologies on 4th March 2014 at BPC college, Piravom.

KEY POSITIONS IN ORGANIZING COMMITTEES

- ✓ Acted as Coordinator for ‘Three-day Workshop on Object oriented Concepts and Advance C++’ organized by Department of Computer Science and Engineering, PACE, Mangalore on 18,19 & 20 February 2020.
- ✓ Acted as **Coordinator** for the ‘**Two day Live Workshop on Data Mining Functionalities**’ Organized by Department of MCA , M.E.S-AIMAT, Marampally, Cochin on 27th& 28th February 2015.
- ✓ Acted as **Convenor** for the **National Seminar on Trends in Computer Communication and Network Security (TCCNS-2013)** Organized by Department of MCA, M.E.S-AIMAT, Marampally, Cochin on October 31st, 2013.
- ✓ Acted as **Organizing Secretary** for ‘Get set Goal’ Four Day Residential Workshop on Computer Networking, organized by Gateway, Computer network Association on 19th ,20th ,21st& 22nd June 2009 at STAS, Pullarikunnu, **M.G University, Kottayam.**

- ✓ Acted as **Organizing Secretary** for ‘Workshop on Public key infrastructure, organized by Gateway, Computer network Association on 15th September 2009 at STAS, Pullarikunnu, **M.G University, Kottayam.**
- ✓ Acted as **Publishing secretary** of ‘This is IT’, IT Magazine, An initiative of GateWay, Computer Network Association, **M.G University (2009).**

MENTOR/ PROGRAMME OFFICER/COORDINATOR

- ✓ Course Coordinator, Application Programming, Department of CSE, Pace, Mangalore.
- ✓ Criteria-5 **Coordinator**, NBA, Department of CSE, Pace, Mangalore.
- ✓ **Research Coordinator**, Department of CSE, Pace, Mangalore.
- ✓ **Co-ordinator**, CSE Research Centre of VTU,Pace, Mangalore.
- ✓ **Co-Ordinator, Department Office & Student database**, Department of CSE, Pace, Mangalore.
- ✓ **Co-Ordinator**, Boys Hostel, Department of CSE, Pace, Mangalore.
- ✓ **Co-Ordinator**, Incubation, Department of CSE, Pace, Mangalore.
- ✓ **Co-Ordinator**, ASCII Club, Department of CSE, Pace, Mangalore.
- ✓ **Admission coordinator** at JBCMET, Perumbavoor from June 2017 to Jan 2019
- ✓ **Admission Officer** at ILMCET, Perumbavoor from March 2017 to April 17
- ✓ **Amazon trained Consultant**, Amazon trained E- Commerce Specialist certification.
- ✓ Acted as Mentor of “**Online Certification Courses on Programming, Data Structures &Algorithms**” conducted by NPTEL, IIT Madras.
- ✓ Acted as **Programme officer** for the Youth Red Cross chapter of MES-AIMAT.
- ✓ Acted as **Instigator** for the **Computer Society of India Institutional Membership** for MES-AIMAT, Kochi.
- ✓ Acted as ‘**Placement coordinator**’ in Department of MCA, M.E.S –AIMAT.
- ✓ Acted as ‘**Co-ordinator**’ for Techgrad-15, Convocation ceremony of the 12th Batch MCA, MES-AIMAT, Marampally.
- ✓ Acted as ‘**Coordinator**’ for the Web Site of MES-AIMAT, Marampally, Kochi.
- ✓ Acted as ‘**Coordinator**’ for ‘Meet the Alumni’ programme as Industry academy Interface, at MES-AIMAT, Marampally.
- ✓ Acted as ‘**Convenor**’ for International Ozone day celebrations of MES-AIMAT, Marampally at Marine drive, Kochi.

- ✓ Acted as '**Facilitator**' of 'FabLab Visit' and the 'session' by Francisco Sanchez Arroyo, Founder , Beach Lab , Spain at Fablab, Kochi for the students of MCA @ MES-AIMAT.
- ✓ Acted as '**Initiator**' for Milan15, the Alumni meet of MCA @ MES-AIMAT.
- ✓ Acted as the '**Coordinator**' for number of Seminars/ Invited talks held at MES-AIMAT.
- ✓ Acted as the '**Coordinator**' for number of Entrepreneurship development programme held at MES-AIMAT.
- ✓ Acted as '**Facilitator**' of the Industrial visit to Rapidvalue, Infopark, Kochi and the 'session' by Mr. Rinish K. N , CTO for the students of MCA @ MES-AIMAT.
- ✓ Acted as the '**Co-coordinator**' of the All India Inter-Collegiate Debate Competition conducted as part of MES Golden Jubilee celebrations held at MES-AIMAT.
- ✓ Acted as the '**Coordinator**' of formation ceremony of 'Innovation Club' in association with North American Association of Indian IT Professionals (NAAIIP) to promotes students to come up with new and fresh ideas to be an entrepreneur at MES-AIMAT.
- ✓ Acted as the '**Initiator**' of model finishing school for the students of MCA @ MES-AIMAT during the period 2013-2014.
- ✓ Acted as '**Institutor**' of Innovations and Entrepreneurship Development cell (IEDC) of MES-AIMAT in association with Kerala Start up Mission.
- ✓ Acted as the '**Coordinator**' of the Intercollegiate Essay Writing Competition Organized in accordance with National education day at MES-AIMAT.
- ✓ Acted as the '**Coordinator**' of the Web Designing Competition Organized for the students of final year MCA students at MES-AIMAT.
- ✓ Acted as the '**Coordinator of 'Voyager' 14**, an Intercollegiate exhibition and theatre show held at MES-AIMAT.
- ✓ Acted as '**Counsellor**' in the tutorial system implemented for the first year students of MCA @ MES-AIMAT.
- ✓ Acted as '**Editor**' of 'Cut and Paste 2014', the departmental newspaper and the admission brochure 2015.
- ✓ Acted as the '**Coordinator**' of Techathlon-14, the launching ceremony of 14th Batch MCA on 27/8/2014.
- ✓ Acted as the '**Coordinator**' for Food and Accommodations committee of 'Magonn2k15', the management fest held at MES-AIMAT.
- ✓ Acted as '**Test administrator**' of Online Mock Management Aptitude Test (MAT)/MCA Entrance Examination (MEE) conducted by MES-AIMAT for Degree Final year students studying in various colleges.
- ✓ Acted as '**Convenor**' for World water day celebrations of MES-AIMAT, Marampally at Ezhattumugham and Aluva Manappuram.

- ✓ Acted as the '**Instigator**' of 'SMART-INDIA' a Digital India promoting programme of MES-AIMAT, Marampally at various schools and panchayath offices.
- ✓ Acted as the '**Coordinator**' for designing the admission related printing materials of department of MCA, MES-AIMAT.

CURRICULAR/ COCURRICULAR ACHIEVEMENTS

- ✓ Appreciation Certificate for **Maintaining Good Result** on VTU University Examinations.
- ✓ **First Rank** in M Sc. Computer Engineering, **MG University (2009)**.
- ✓ Participated as **Discussant** in the **Discussion Forum chaired by Hon'ble Chief Minister of Kerala, Shri. OommenChandy** on Employability Skills development programme.
- ✓ Delivering Lectures as a Resource Person on the '**Two day Live Workshop on Data Mining Functionalities**' Organized by Department of MCA, M.E.S-AIMAT.
- ✓ **Gen. Secretary** Computer Network Association, **MG University (2009)**.
- ✓ **General Secretary**, Student's Union, **MES College Marampally (2004)**
- ✓ **Asst. Volunteer secretary, National Service Scheme (2003)**.

WORKSHOPS PARTICIPATION

- ✓ Three Day Workshop titled Outcome based Education on 16,17 & 18 October 2021 at PACE, Mangalore.
- ✓ Four-Day FDP titled "Applied Machine Learning Using Python" from 9-6-2020 to 12-6-2020 organized by Department of ISE, NMAM Institute of Technology, Nitte, Mangalore.
- ✓ Brighttalk Webinar on 'Bigdata and AI' on June 27, 2020.
- ✓ Brighttalk Webinar on 'Strengthening Research Capabilities Remotely' on June 27, 2020.
- ✓ AICTE Sponsored 6 days Short Term Training Program titled 'MACHINE LEARNING FOR SOCIETAL APPLICATIONS' on 24 – 29 Aug 2020 at PACE, Mangalore.
- ✓ AICTE Sponsored 6 days Short Term Training Program titled 'MACHINE LEARNING FOR SOCIETAL APPLICATIONS' on 21 – 26 December 2020 at PACE, Mangalore.
- ✓ Brighttalk Webinar on 'An Introduction to Machine Learning for All of Us' March 24, 2021.
- ✓ Brighttalk Webinar on The Future of Analytics - A Study by BARC March 24, 2021.
- ✓ One day National level Workshop on "KEEL- DATA MINING TOOL" On 9th January 2016 at Kongu Engineering College, Perundurai, Erode.
- ✓ National workshop for mentors of "NPTEL Online Certification Courses" organized by NPTEL IIT Madras on 3rd March 2014 at IIT Madras.

- ✓ National workshop on “National Programme on Technology Enhanced Learning Online Certification Courses” organized by NPTEL, IIT Madras on 25th February 2014 at IIT Madras.
- ✓ National workshop on “Plasma Technology In Surface Engineering” Organized By School Of Technology And Applied Sciences , Mahatma Gandhi University in association with Power Beam Society of India on June 2-5 , 2009 at kottayam.
- ✓ Four-day Residential Workshop on “Trends in Computer Networking” organized by Computer Network Association, M G University on 19-22 June 2009 at Kottayam.
- ✓ UGC Sponsored Workshop on Machine Learning Techniques for Data Mining organised by Department of Computer application , MES College, Marampally On 12-13 January 2015 at MES College, Marampally.
- ✓ Two day Live workshop on Data Mining Functionalities organised by Department of MCA, MES-AIMAT, Aluva on 27-28 February 2015 at MES College, Marampally.

NATIONAL CONFERENCE/SEMINAR PARTICIPATION

- ✓ ACM India Annual Event, 10th **Inter Research- Institute-Student Seminar in Computer Science** on January 21, 2016 at Technopark, Trivandrum.
- ✓ NAAC sponsored Two day National conference on Quality Enhancement in Higher Education : The role Interdisciplinary Teaching, Learning and Research on 22nd& 23rd January 2016.
- ✓ National seminar on “**Writing Effective Research papers for SCI Journals and preparing project proposals**” on 8th January 2016 at Kongu Engineering College, Perundurai, Erode.
- ✓ Conference on “ **Data Analytics & Big Data**” Organised by **ISSACA Cochin Chapter on 21st February 2015** at Marriot, Kochi.
- ✓ Conference on “**Mobility, The Recent Trends**” Organised by **MobConf** on 10th October 2015 at Infopark, Kochi.
- ✓ One day seminar on “**Emerging opportunities in Computer Hardware and Networking**” jointly hosted by IPSR & MalayalaManorama.
- ✓ NAAC sponsored Two day National conference on **Quality Enhancement in Higher Education : The role Interdisciplinary Teaching, Learning and Research** on 22nd& 23rd January 2016 at Nirmalagiri College, Kannur, Kerala.

TRAINING PROGRAMMES/COURSES ATTENDED

- ✓ Value Added Training Programme on “**Design Of Embedded System**” organized by **Industry Institute Partnership Cell, AICTE, Govt. Of India** during January- February 2005 at Govt. Polytechnic college, Kalamassery.
- ✓ Training Course on **Red Hat Linux Networking and Security Administration** conducted by Red Hat India during the month September to October 2006 at CMS, Kochi.
- ✓ Training program on **VOICE on VoIP** organized by B-SOFT, CISCO Authorized training Partner on 8th August 2009 at Hotel Arcadia.
- ✓ Training Course on **Red Hat Linux System Administration** conducted by Red Hat India during the month September to October 2006 at CMS, Kochi.
- ✓ Standard Course on **Networking Technology by Novell** during the month July 2006 Conducted by Novell Education at CMS, Kochi.
- ✓ Training Course on **Red Hat Linux Essentials** conducted by Red Hat India during the month September to October 2006 at CMS, Kochi.
- ✓ One day training camp on “**computer Hardware & Networking**” organized by CORONA SYSTEMS & SERVICES on 8th January 2009 at Kottayam.
- ✓ One day Orientation programme for Youth Red Cross cadets ‘**Red Energy**’ on 19th January 2016 at Al-Ameen Colege, Edathala.

TECHNICAL SKILLS

- ✓ Operating system: Windows, Linux.
- ✓ Programming Languages : C, C++, VB, PHP, java, python, R, Hadoop.
- ✓ Subjects Interested : Data Mining, Digital Image Processing, Neural Networks

CERTIFICATION COURSES ATTENDED

- ✓ **CCNA-** Cisco Certified Network Associate (CCNA), This course is based on a topology featuring updated Cisco equipment and IOS, including ISR routers.
- ✓ **MCSA-**The Microsoft Certified Systems Administrator (MCSA) certification helps validate our ability to manage and troubleshoot network environments based on the Windows Server 2003 operating system.
- ✓ **RHCE-** Red Hat Certified Engineer (RHCE) is earned by a Red Hat Certified System Administrator (RHCSA) who has demonstrated the knowledge, skill and ability required of senior system administrators responsible for Red Hat Enterprise Linux systems.

PROJECTS

- ✓ **An Approach for Determining the Potential Fishing Zones & Months Using Rough Clustering** under the guidance Dr. Elizabeth Sherly, Indian Institute of Information Technology and Management-Kerala.
- ✓ **Live Project On License Plate Recognition System Using Neural N/Ws** Organisation, C-DAC, Trivandrum
- ✓ **Mobile AdHoc Network**-Organization STAS, Kottayam
- ✓ **Watt Hour Meter (Using Microcontroller 8051)**- Organisation Space Infotech.

SKILLS

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|----------------|------------------------|-------------------|
| ▮ Coordination | ▮ Research skills | ▮ Leadership |
| ▮ Adaptability | ▮ Interpersonal skills | ▮ Computer skills |

PERSONAL DETAILS

Father's Name : K. P Mohammed.
Date of Birth : 22 March 1983.
Sex : Male
Marital Status : Married
Nationality : Indian
Languages Known : Malayalam, Tamil and English
Hobbies : Reading, Surfing

REFERENCES

Dr. K.SREEKRISHNA KUMAR

Former Director, AICTE Bangalore Region.
Regional Director, STAS, Pullarikunnu,
Mahatma Gandhi University, Kottayam, Kerala.
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