Dr.Mohammed Ismail.B

Designation	: Professor
E-Mail ID	: drismail@vrsiddhartha.ac.in
Contact at	: Department of Computer Science and Engineering, Velagapudi Ramakrishna Siddhartha School of Engineering, Siddhartha Academy of Higher Education (SAHE) Deemed to be Univeristy, Kanuru, Vijayawada, Andhra Pradesh 520007.

Education

Ph. D (Computer Science and Engineering)

2017, Jawaharlal Nehru Technological University, Anantapur

M.Tech (Computer Science and Engineering)

2010, Jawaharlal Nehru Technological University, Hyderabad

B.Tech (I.T)

2002, Visvesvaraya Technological University, Belgaum Karnataka

Experience

Period	Designation	Institution / Organization	Key Responsibilities
2025-2026	Professor	Velagapudi Ramakrishna Siddhartha School of Engineering, Siddhartha Academy of Higher Education, Vijayawada	M. Tech (Cyber Security) Program Coordinator, Ph.D./PG guidance
2023-2025	Controller of Examinations	Kannur University, Kannur, Kerala	Statutory officer and Head for all University Examinations
2022-2025	Professor	P.A College of Engineering, Mangalore, Karnataka	Head Department of AI & ML
2020-2022	Associate Professor	Kannur University, Kannur, Kerala	Head Department of Information Technology
2017-2020	Professor	KLEF Deemed to be University, Guntur, A.P	Research group head, NAAC Criteria Incharge, Ph.D./PG guidance

2010-2017	Senior Assistant Professor	Muffakham Jah College of Engineering and Technology , Hyderabad	PAC Coordinator, Industry Institute Coordinator.
2006-2010	Assistant Professor	Muffakham Jah college of engineering & Technology Hyderabad	Technical Fests and events Coordinator
2005-2006	Assistant Professor	Al Habeeb College of Engineering, Hyderabad	

Research Interests

Broad Area of Research :
Computer Vision, Machine Learning, IoT & Cyber Security

Honors and Awards

- **Postdoctoral Research Scholar, Northern Illinois University, USA, (2019-20)**
- Completed Funded research project on "Mobile and IoT Enabled Learning Environment for Special Education" by State Council for Educational Research and Training (SCERT) Govt of Kerala (2022-24)
- Completed In house seed funded projects
  "Wheel chair movement using hand Gesture and Image Recognition" at MJCET Hyderabad (2014-16)
  "Embedded Web Server for Wireless Sensor Network in Industry" at MJCET Hyderabad (2012-13)
- Completed Consultancy Project: "Design and Development of wireless Embedded Web Server for Monitoring Industrial Parameters" (2017-18) for TEKNOLYNC Pvt Ltd Hyderabad
- National level academic programs Organized:
  UGC HRDC Winter School program at Kannur university
  National Level STTP on cyber physical systems at Kannur University
- Best Paper award in international conference ICRAEIST-2015 Hyderabad

Courses Taught

S.No	Course Name	Level (UG/PG)
1	System software and Operating Systems	PG
2	Software Planning and Management	PG
3	Data Mining and Data Warehousing	PG
4	Network Security and Forensics	PG

5	Computer Organisation, C Programming, Software Engineering, Machine Learning, Computer Networks, Microprocessors and Microcontrollers	UG

Research Profile

Publications

The recent publications and research contributions can be viewed from the following URLs

Google Scholar	https://scholar.google.co.in/citations?user=NYiY-JUAAAAJ&hl=en
Scopus	https://www.scopus.com/authid/detail.uri?authorId=55366352600
ORCID	https://orcid.org/0000-0003-4480-3801
Publons	https://www.webofscience.com/wos/author/record/U-6139-2018
Research Gate	https://www.researchgate.net/profile/Mohammed-Ismail-B
LinkedIn	www.linkedin.com/in/drmdismailb

Recognized Research Supervisor

S.No.	Department	University
01.	Computer Science and Engineering	Siddhartha Academy of Higher Education (SAHE) Deemed to be University, Vijayawada
02.	Computer Science and Engineering	KLEF Deemed to be University
03.	Computer Science and Engineering	Visvesvaraya Technological University, Belgaum
04.	Computer Science and Informatics	Maharishi Arvind University, Jaipur

Funded Research Projects

S. No.	Type	Title	Status	Funding Agency	Amount (INR)	Duration
01.	Funded	Mobile and IoT Enabled Learning Environment for	Completed	State Council for Educational Research	21,70,000	2 Years

		Special Education		and Training (SCERT) Govt of Kerala			
02.	Funded	Precision Water Stewardship: Integrating GNSS, Satellite Imagery, AI, and Sensor Networks for Enhanced Predictive Water Resource Allocation and Drought Resilience	Applied	DST	44,55,000.00	5 Years
03.	Funded	Enhancing AI Safety and Accountability through Watermarking & Misuse Detection	Applied	Google Academic Research Award	$ 46,900	2 years

Administrative Roles

S.No.	Role	Institution	Duration	Responsibilities
1	Controller of Examinations	Kannur University	2023-25	Administrative Head for Scheduling, Conducting and Result declaring university examinations

Consultancy / Industry Projects

Completed	01
On-going	00
Applied	00

Patents

S.No	Title	Status	Application No.	Year

1.	Motion Planning and Control Algorithm for Obstacle Avoidance for Point Mobile Robots	Granted	2021101936	2021	
2.	A System and Method for Contextual Clustering and Community Link Prediction for Enhancing Complex Social Networking Data Analysis	Published	202341041284	2023	
3	Three-Dimensional Navigation and Data Collection Mechanism For Underwater Vehicles Using Acoustic Mapping	Published	202141018722	2021	
4.	Cuckoo based method for Fractal Image Compression	Published	201941024392	2019	

Ph.D

Awarded	02
Guiding	02

Invited Talks

No. of Invited Talks	06

Professional Service / Reviewer

- Member curriculum design AP Intermediate Board vocational courses.
- . Reviewer for journals

    IEEE Access
    The Imaging Science Journal
    IET Image Processing
    Cancer Investigation
    Cogent Engineering

Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	18
International / National Level Seminars	06 / 02
International / National Level Conferences	10/ 03
Workshops	9
Instructor Led / Self-Paced Courses	2

Professional Bodies Membership Details

S.No.	Membership No.	Society Name
1.	2010000847	Computer Society of India (CSI)
2.	LM62858	Indian Society for Technical Education (ISTE)

(Your Name & Signature with Date)

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