

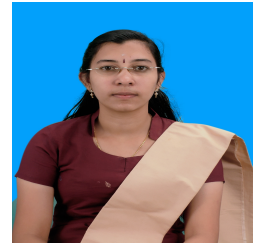
ILAHIA COLLEGE OF ENGINEERING AND TECHNOLOGY

Lekshmi M S (Mtech)

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Qualifications

Qualifications	Course	Institution	University	CompletionDate / Status
Post-Graduation	M.Tech in Digital systems communication Engineering	NIT, Calicut	NIT,Calicut	14 Apr 2009
Graduation	B.Tech, Electronics and comunication Eng	College of Engineering ,Perumon	CUSAT	16 May 2004

Professional Experience

Duration	Exprience	Status	Organization	Department	Designation	Keyareas
06 Jan 2010-12 Apr 2022	12 Years, 3 Months, 6 Days	Currently Associated	Ilahia College of Engineering and Technology	Electronics and Communication Engineering	Assistant Professor	
15 Feb 2005-05 Jan 2010	04 Years, 10 Months, 18 Days	Previously Working	MES college of Engineering, Kuttipuram	Electronics and Communication Engineering	Lecturer	

Duration	Exprience	Status	Organization	Department	Designation	Keyareas
06 Sep 2004-23 Dec 2004	00 Years, 3 Months, 17 Days	Previously Working	Matha college of Engineering, North Paravoor.	Electronics and Communication Engineering	Lecturer	Digital signal Processing, Digital System Design,

AcademicsDSP, Secure Communication, Coding Theory, Linear Algebra

Achievements/Awards

Type	Achievments/Awards
Achievement	1. Received the "Award of Excellence" for outstanding performance in ICET during academic year 2013-2014
Achievement	2. Received the "Award of Excellence" for outstanding performance in ICET during academic year 2014-2015
Achievement	3. Received the "Award of Excellence" for outstanding performance in ICET during academic year 2016-2017

Research Publications:

- Publication Type: ResearchPublications
- Title: Single Channel Speech Separation Based On Wavelet Packet Transform Based Cochlear Modeling%u201D
- Indexed In: Other
- Event Status: International
- Main Author: Farhana Yousaf
- Co-Author: Lekshmi M S,
- Journal Name: International Journal of Scientific & Engineering Research 2017
- Date: 2017-05-15
- UGCapproval: Not Approved
- ISSN No:
- Volume:
- Issue:
- Page Number:
- Year:
- Details:

Research Publications:

- Publication Type: ResearchPublications
- Title: Enhancement of DUET Blind Source Separation Using Wavelet%u201D
- Indexed In: Other
- Event Status: International
- Main Author: Thasni Maitheen

- Co-Author: Lekshmi M S,
- Journal Name: International Research Journal of Engineering and Technology 2017
- Date: 2017-05-15
- UGCapproval: Not Approved
- ISSN No:
- Volume:
- Issue:
- Page Number:
- Year:
- Details:

Research Publications:

- Publication Type: ResearchPublications
- Title: Single Channel Speech Separation With Frame-based Summary Autocorrelation Function Analysis%u201D
- Indexed In: Scopus
- Event Status: International
- Main Author: Raghi E R
- Co-Author: Lekshmi M S,
- Journal Name: Elsevier Procedia Technology
- Date: 2016-05-16
- UGCapproval: Approved
- ISSN No:
- Volume:
- Issue:
- Page Number:
- Year:
- Details:

Research Publications:

- Publication Type: ResearchPublications
- Title: Model For Pitch Estimation Using Wavelet Packet Transform Based Cepstrum Method%u201D
- Indexed In: Scopus
- Event Status: International
- Main Author: Muhseena T K
- Co-Author: Lekshmi M S
- Journal Name: Elsevier Procedia Technology
- Date: 2016-05-16
- UGCapproval: Not Approved
- ISSN No:
- Volume:
- Issue:
- Page Number:
- Year:
- Details:

Research Publications:

- Publication Type: ResearchPublications
- Title: Model for Pitch Estimation Using Wavelet Transform Based Cepstrum method
- Indexed In: Other

- Event Status: International
- Main Author: T K Muhseena
- Co-Author: Lekshmi M S
- Journal Name: International Journal of Recent and Innovation Trends in Computing and Communication
- Date: 2015-05-17
- UGCapproval: Not Approved
- ISSN No:
- Volume:
- Issue:
- Page Number:
- Year:
- Details:

Research Publications:

- Publication Type: ResearchPublications
- Title: WPST based single channel speech separation
- Indexed In: Other
- Event Status: International
- Main Author: Abhilash Surendran
- Co-Author: Lekshmi M S
- Journal Name: International Journal Of Engineering And Computer Science
- Date: 2014-05-13
- UGCapproval: Not Approved
- ISSN No: ISSN:2319-7242
- Volume: 3
- Issue:
- Page Number: 8983-8987
- Year: 2014
- Details:

Research Publications:

- Publication Type: ResearchPublications
- Title: Co-channel Speech separation by cochlear filtering and binary masking
- Indexed In: Other
- Event Status: International
- Main Author: Ligin George
- Co-Author: Lekshmi M S
- Journal Name: International Journal Of Engineering And Computer Science
- Date: 2013-07-13
- UGCapproval: Not Approved
- ISSN No: 2319-7242
- Volume: 3
- Issue:
- Page Number: 8978-8982
- Year:
- Details:

Research Publications:

- Publication Type: ResearchPublications
- Title: Single Channel Speech Separation Based On Wavelet Packet Transform Based Cochlea.r Modeling

- Indexed In:
- Event Status: International
- Main Author: Farhana Yousaf
- Co-Author: Lekshmi M S
- Journal Name: International Journal of Scientific & Engineering Research
- Date: 0000-00-00
- UGCapproval: Not Approved
- ISSN No: ISSN 2229-5518
- Volume:
- Issue:
- Page Number:
- Year: 2017
- Details:

Research Publications:

- Publication Type: ResearchPublications
- Title: Fake Colorized Images Detection Using CNN Classifier
- Indexed In:
- Event Status: International
- Main Author: Nejuma M A
- Co-Author: Lekshmi M S
- Journal Name: International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineerin
- Date: 0000-00-00
- UGCapproval: Not Approved
- ISSN No: e-ISSN: 2278 %u201338875, p-ISSN: 2320 %u201333765
- Volume: 9
- Issue: 6
- Page Number:
- Year: 2020
- Details:

Research Publications:

- Publication Type: ResearchPublications
- Title: Unsupervised Speech segregation using Pitch Information and Time frequency Masking
- Indexed In: Scopus
- Event Status: International
- Main Author: Lekshmi M S
- Co-Author: Dr. Sathidevi P S
- Journal Name: Elsevier procedia computerscience
- Date: 0000-00-00
- UGCapproval: Approved
- ISSN No:
- Volume: 46
- Issue:
- Page Number: Pages 122-126
- Year: 2015
- Details:

Conferences:

- Event Status: National
- Title: "National Conference on electronics, Computing and Communication"
- Start and End date: 25 Apr 2014 - 26 Apr 2014
- Organizing Body: Ilahia College of engineering and technology
- Role: Ilahia College of engineering and technology
- Details:

Staff Development Programs:

- Event Status: National
- Title: Sustainable Engineering Practice in Agriculture & Automotive Industry
- Start and End date: 17 May 2021 - 21 May 2021
- Organizing Body:
- Role:
- Details:

Staff Development Programs:

- Event Status: National
- Title: Embedded systems
- Start and End date: 03 Mar 2021 - 06 Mar 2021
- Organizing Body:
- Role:
- Details:

Staff Development Programs:

- Event Status: National
- Title: Professional Ethics in Current pandemic Senario
- Start and End date: 22 Feb 2021 - 27 Feb 2021
- Organizing Body:
- Role:
- Details:

Staff Development Programs:

- Event Status: National
- Title: Professional Communication
- Start and End date: 19 Feb 2020 - 24 Feb 2021
- Organizing Body:
- Role:
- Details:

Staff Development Programs:

- Event Status: State
- Title: Faculty Development Program on 'MATLAB and SIMULINK'
- Start and End date: 28 Jul 2017 - 29 Jul 2017
- Organizing Body:
- Role:

- Details:

Professional Affiliations

Affiliation:

Details

IEEE ASSOCIATION

Extension Activities

Title	Start And End Date	Role	Details
Department time table in charge	15 Jun 2016 - 21 Oct 2020	Convenor	
Research and Development cell	20 Apr 2020 - 21 Oct 2020	Member	
In charge of AICTE related matters	13 Oct 2020 - 21 Oct 2020	Associate	
Overall in charge of NBA Criteria 8 of the College	09 Dec 2020 - 10 Feb 2021	Convener	
Mentor 2019-23 ECE admission	01 Aug 2019 - 10 Feb 2021	Convener	
IEDC DEPARTMENT LEVEL COORDINATOR	01 Jun 2021 - 30 Jun 2022	MEMBER	
NODAL OFFICER OF AISHE	07 Feb 2022 - 05 Jan 2023	CONVENOR	

References

Name	Qualification	Designation	Organisation	Emaild	Mobile Number
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Name	Qualification	Designation	Organisation	Emaild	Mobile Number
Jinsa Kuruvila	Ph.D	Assistant Professor	M A college of engineering, Kothamangalam	jinsa_k@yahoo.com	9645836063
Rejith K N	Ph.D	associate Professor	MES college of Engineering, Kuttippuram	rejith.kn@gmail.com	9037225424