

ILAHIA COLLEGE OF ENGINEERING AND TECHNOLOGY

Dr. Abhiraj T K (Ph.D)

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Qualifications

Qualifications	Course	Institution	University	CompletionDate / Status
Ph.D	Electrical and Electronics Engineering	University Campus, Annamalai University	Annamalai University	20 Apr 2018
Post-Graduation	Power System	University Campus, Annamalai University	Annamalai University	01 May 2011

Professional Experience

Duration	Exprience	Status	Organization	Department	Designation	Keyareas
12 Jan 2021-21 Apr 2022	01 Years, 3 Months, 9 Days	Currently Associated	Ilahia College of Engineering and Technology	Electrical and Electronics Engineering	HoD & Associate Professor	
03 Aug 2020-11 Jan 2021	00 Years, 5 Months, 8 Days	Previously Working	Ilahia College of Engineering and Technology	Electrical and Electronics Engineering	Associate Professor	Control Systems
01 Aug 2018-03 Aug 2020	02 Years, 0 Months, 2 Days	Previously Working	ISSAT Engineering College	Electrical and Electronics Engineering	Principal	Administration

Duration	Exprience	Status	Organization	Department	Designation	Keyareas
01 Jun 2018-31 Jul 2018	00 Years, 1 Months, 30 Days	Previously Working	ISSAT Engineering College	Electrical and Electronics Engineering	Associate Professor & HoD	Power Systems
01 Aug 2017-31 May 2018	00 Years, 9 Months, 30 Days	Previously Working	ISSAT Engineering College	Electrical and Electronics Engineering	Assistant Professor & HoD	Power Systems
02 Nov 2011-31 Jul 2017	05 Years, 8 Months, 29 Days	Previously Working	ISSAT Engineering College	Electrical and Electronics Engineering	Assistant Professor	DC Machines, Transformers, Control Systems, Electrical Measurements, Power Systems

Academicmatlab, ECAD, ETAP

Research Publications:

- Publication Type: ResearchPublications
- Title: Enhanced football game optimization-based K-means clustering for multi-level segmentation of medical images
- Indexed In: Scopus
- Event Status: International
- Main Author: T. K. Abhiraj
- Co-Author: Koganti Srilakshmi, Kumaran Jayaraman & Sasikala Jayaraman
- Journal Name: Progress in Artificial Intelligence, Springer
- Date: 2021-07-22
- UGCapproval: Not Approved
- ISSN No:
- Volume: 10
- Issue: 4
- Page Number: 517 - 528
- Year: 2021
- Details:

Research Publications:

- Publication Type: ResearchPublications
- Title: Firefly Optimization based DG Placement for Improving Voltage Profile of Distribution Networks
- Indexed In: Other
- Event Status: International
- Main Author: Abhiraj T.K.
- Co-Author: Bos Mathew Jos and Aravindhababu, P
- Journal Name: Advances in natural and applied sciences

- Date: 2017-06-14
- UGCapproval: Not Approved
- ISSN No: 1819-6608
- Volume: VOL. 12
- Issue:
- Page Number: pp. 3411-3414
- Year:
- Details:

Research Publications:

- Publication Type: ResearchPublications
- Title: Sensitivity based load shedding strategy for avoiding voltage instability
- Indexed In: Other
- Event Status: International
- Main Author: Abhiraj T.K.
- Co-Author: Bos Mathew Jos and Aravindhababu, P
- Journal Name: International journal of emerging trends in science and technology
- Date: 2017-04-30
- UGCapproval: Not Approved
- ISSN No: 2348-9480
- Volume: Vol. 4(4)
- Issue:
- Page Number: pp. 5056-5060
- Year:
- Details:

Research Publications:

- Publication Type: ResearchPublications
- Title: Firefly optimization based DG placement for voltage stability enhancement in distribution systems
- Indexed In: Other
- Event Status: International
- Main Author: Abhiraj T.K.
- Co-Author: Bos Mathew Jos and Aravindhababu, P
- Journal Name: Advances in natural and applied sciences
- Date: 2017-03-26
- UGCapproval: Not Approved
- ISSN No: 1995-0772
- Volume: Vol. 11(3)
- Issue:
- Page Number: pp. 49-53.
- Year:
- Details:

Research Publications:

- Publication Type: ResearchPublications
- Title: Dragonfly Optimization Based Reconfiguration for Voltage Stability Enhancement in Distribution Systems
- Indexed In: Other
- Event Status: International
- Main Author: Abhiraj T.K.

- Co-Author: Bos Mathew Jos and Aravindhababu, P
- Journal Name: International journal of electronics engineering research
- Date: 2017-03-13
- UGCapproval: Not Approved
- ISSN No: 0975-6450
- Volume: Vol. 9(3)
- Issue:
- Page Number: pp. 323-330
- Year:
- Details:

Research Publications:

- Publication Type: ResearchPublications
- Title: Elegant reconfiguration strategy for loss minimization using dragonfly optimization
- Indexed In: Other
- Event Status: International
- Main Author: Abhiraj, T.K.
- Co-Author: Bos Mathew Jos and Aravindhababu, P
- Journal Name: Australian journal of basic and applied sciences
- Date: 2017-02-01
- UGCapproval: Approved
- ISSN No: 1991-8178
- Volume: Vol. 11(1)
- Issue:
- Page Number: pp. 78-82
- Year:
- Details:

Research Publications:

- Publication Type: ResearchPublications
- Title: Dragonfly optimization based reconfiguration for voltage profile enhancement in distribution systems
- Indexed In: Other
- Event Status: International
- Main Author: Abhiraj, T.K.
- Co-Author: Aravindhababu, P
- Journal Name: International journal of computer applications
- Date: 2017-01-01
- UGCapproval: Approved
- ISSN No: 0975-8887
- Volume: Vol. 158(3)
- Issue:
- Page Number: pp. 1-4
- Year:
- Details:

Seminars/Workshops/Conferences/Presentation/Poster Presentation

Workshops:

- Event Status: State
- Title: New frontiers in drives control and power electronics
- Start and End date: 06 Jan 2014 - 10 Jan 2014
- Organizing Body: Cochin University of Science and Technology
- Role: Cochin University of Science and Technology
- Details:

Workshops:

- Event Status: State
- Title: Essential Mathematics for Engineering
- Start and End date: 29 Nov 2016 - 03 Dec 2016
- Organizing Body: APJ Abdul Kalam Technological University in association with ICT academy of Kerala
- Role: APJ Abdul Kalam Technological University in association with ICT academy of Kerala
- Details:

Workshops:

- Event Status: State
- Title: Computer Aided Power System Analysis
- Start and End date: 09 Jan 2017 - 14 Jan 2017
- Organizing Body: Department of Electrical Engineering, College of Engineering, Trivandrum and sponsored by the Directorate of Technical Education, Government of Kerala
- Role: Department of Electrical Engineering, College of Engineering, Trivandrum and sponsored by the Directorate of Technical Education, Government of Kerala
- Details:

Seminars:

- Event Status: State
- Title: Familiarisation in Electrical CAD
- Start and End date: 16 Jun 2014 - 16 Jun 2014
- Organizing Body: Department of Electrical and Electronics Engineering, ISSAT
- Role: Department of Electrical and Electronics Engineering, ISSAT
- Details:

Seminars:

- Event Status: State
- Title: Energy Conservation
- Start and End date: 10 Aug 2015 - 10 Aug 2015
- Organizing Body: Department of Electrical and Electronics Engineering, ISSAT
- Role: Department of Electrical and Electronics Engineering, ISSAT
- Details:

Seminars:

- Event Status: State
- Title: Hybrid Electrical Vehicle
- Start and End date: 03 Oct 2020 - 03 Oct 2020
- Organizing Body: Department of Electrical and Electronics Engineering, ICET Muvattupuzha, Novi Tech R
- Role: Department of Electrical and Electronics Engineering, ICET Muvattupuzha, Novi Tech R
- Details:

Seminars:

- Event Status: State
- Title: RESEARCH AND FUNDING SCHEMES IN HIGHER EDUCATION
- Start and End date: 27 Nov 2020 - 27 Nov 2020
- Organizing Body: EEE DEPT, ICET
- Role: EEE DEPT, ICET
- Details:

Seminars:

- Event Status: State
- Title: An Advanced Analysis of Kerala Power System
- Start and End date: 28 Nov 2020 - 28 Nov 2020
- Organizing Body: EEE DEPT, ICET
- Role: EEE DEPT, ICET
- Details:

Staff Development Programs:

- Event Status: National
- Title: ELECTRIC VEHICLE
- Start and End date: 29 Mar 2021 - 02 Apr 2021
- Organizing Body: COLLEGE OF ENGINEERING KIDANGOOR
- Role: COLLEGE OF ENGINEERING KIDANGOOR
- Details: TEQIP SPONSERED ONLINE FDP

Staff Development Programs:

- Event Status: State
- Title: Advancements in Systems for Electric and Hybrid Vehicles
- Start and End date: 19 Apr 2020 - 23 Apr 2021
- Organizing Body: Viswajyothi College of Engineering and Technology
- Role: Viswajyothi College of Engineering and Technology
- Details: KTU sponsored

Professional Affiliations

Affiliation:

Details

The Indian Society For Technical Education

Extension Activities

Title	Start And End Date	Role	Details
Techfest-Aguero'16	07 Apr 2016 - 08 Apr 2016	Registration committee chairman	Ilahia School of Science and Technology, Pezhakkappilly, Muvattupuzga

Title	Start And End Date	Role	Details
Hostel warden	02 Nov 2011 - 30 Oct 2015	Hostel resident warden	Ilahia School of Science and Technology, Pezhakkappilly, Muvattupuzga
timetable management committee	10 Dec 2014 - 31 Jul 2018	Chairman	Ilahia School of Science and Technology, Pezhakkappilly, Muvattupuzga
Internal academic auditor, APJAKTU	08 Mar 2016 - 31 Jul 2018	Internal academic auditor, APJAKTU	Ilahia School of Science and Technology, Pezhakkappilly, Muvattupuzga
Academic coordinator	08 Aug 2016 - 08 Aug 2016	Academic coordinator	Ilahia School of Science and Technology, Pezhakkappilly, Muvattupuzga
Staff advisor for B.Tech 2011-2015 batch	01 Aug 2011 - 30 Jun 2015	Staff advisor	Department of Electrical and Electronics Engineering, Ilahia School of Science and Technology, Pezhakkappilly, Muvattupuzga
Staff advisor for B.Tech 2016-2020 batch	01 Aug 2016 - 31 Jul 2018	Staff advisor	Department of Electrical and Electronics Engineering, Ilahia School of Science and Technology, Pezhakkappilly, Muvattupuzga

References

Name	Qualification	Designation	Organisation	Emaild	Mobile Number
Dr. Bos Mathew Jos	Ph.D	Professopr	Department of Electrical and Electronics Engineering, MA College of Engineering, Kothamangalam	bosmathewjos@gmail.com	9446806007

Name	Qualification	Designation	Organisation	Emaild	Mobile Number
Dr. M.V. Rajesh	Ph.D	Associate Professor	Dept. of Electronics Engineering, Model Engineering College, Thrikkakara, Kochi	mvrajeshihrd@gmail.com	9447464687