

Name: SUNEELGOUTHAM KARUDUMPA

Employee ID: A5EEE00T24

EPF No: AP/41230/389

Designation: Assistant Professor

Department: EEE

Date of Birth: 17-06-1987

Father Name: Srinivasulu

Mother Name: Malleswari

Reservation Category: BC-D

Address: Narayanareddypet, Nellore rural, Nellore (A.P), Pin: 524314.

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Date of Joining in the Institution: 13-06-2011

Academic Excellence:

QUALIFICATION	BOARD / UNIVERSITY	DIVISION	YEAR
M. Tech (power systems)	NIT Jamshedpur	FIRST class	2010
B. Tech	Audisankara college of engineering and technology ,Gudur	FIRST class With distinction	2008

Total Years of Experience (Teaching/Industry): 9.8 Years

Period		Organization/Institution/Industry	Designation
June 2011	Till Date	AITAM, Tekkali	Asst.Professor

Areas of Interest:

1. Power systems
2. Electrical machines



Guidance of Academic Projects:

- i) Doctoral Projects : -
- ii) Masters Projects : 01
- iii) Bachelor Projects : 11

Other Responsibilities:

- 1. Student councillor
- 2. IQAC Member
- 3. Department VI criteria coordinator
- 4. Department course file incharge

Details of Publications:

1. Suneelgoutham karudumpa, kanakaraju kalla "Elimination & Mitigation of Sag & Swell Using a New UPQC-S Methodology & Fuzzy Logic Controller" Int. Journal of Engineering Research and Applications, ISSN : 2248-9622, Vol. 4, Issue 5(Version 1), May 2014, pp.117-122
2. K.suneelgoutham, N.venkateswarlu "Mitigation of Voltage SAG for power quality improvement using DPFC system" Int. Journal of Research in Advent technology, E-ISSN: 2321-9637, vol.3, No.4, April 2015.
3. K. SuneelGoutham "Power Quality Improvement Fuzzy Logical Controlled Based on Cascaded Shunt Active Power Filter" International Journal for Modern Trends in Science and Technology, Volume: 2 Issue: 06, June 2016, pp: 30-33 ISSN: 2455-3778.
4. B.Vineel, Dr.D.Vijayakumar, K.S.Goutham, J.Vijayachandra "Enhancing power Quality to Sensitive Loads With Microgrid Using Fuzzy Logic Controller" International Journal of innovative research in Science, Engineering and Technology, Volume: 5 Issue: 10, October 2016, pp: 17720-17725 ISSN: 2319-8753.
5. S.Nagaraju, K.SuneelGoutham, D.MohanRao "Economic Dispatch Incorporating Solar Farm using Teaching Learning Based Optimization Technique" SERB, DST- New Delhi Sponsored Two day National Conference On "APPLICATIONS OF EVOLUTIONARY ALGORITHMS IN POWER SYSTEMS" April 2017 , pp:115-129
6. D.MohanaRao, S.Nagaraju, K.Suneel Goutham "pso based mppt technique for pv/wind hybrid system" Journal of Advanced Research in Dynamical and Control Systems Vol. 9. Sp- 14 / 2017
7. Jaganmohanrao.tarra, K.Suneel goutham, A.Jagannadham "An improved grid-voltage regulation as a statcom by using IUPQC" June 2017 IJSDR | Volume 2, Issue 6, ISSN: 2455-2631
8. K.Bhaskararao, K.SuneelGoutham, S.Kumaraswamy "Performance Comparison of FOA Optimized 2DOF PID Controller for Interconnected Power System" ISSN (online): 2321-0613, Vol. 6, Issue 04, 2018, IJSDR
9. JAGANMOHANRAO.TARRA, K.SUNEEL GOUTHAM "An automation of soil moisture control by Arduinio using soil Moisture sensor" June 2019 IJSDR | Volume 4, Issue 6, ISSN: 2455-2631

10.D Rambabu, K Pavitra, A Sai Lokesh, K Gowtham, K Suneel Goutham” Design and Analysis of Solar Tree” July 2020 IJMTST/ Volume: 06, Issue No: 07, ISSN: 2455-3778 .

Details of NPTEL Courses completed:

S.NO	DATES	NAME OF THE COURSE	GRADE	HOST INSTITUTION
1	FEB-MARCH 2018	EFFECTIVE ENGINEERING TEACHING IN PRACTICE	ELITE	IIT MADRAS
2.	FEB-APRIL 2019	TEACHING AND LEARNING IN ENGINEERING(TALE)	SILVER	IISC BANGALORE

Details of Certified Courses completed:

S.NO	DATES	NAME OF THE COURSE	HOST INSTITUTION
1	6/5/2020	AI For Everyone	Computer Science Department Stanford University
2	18/05/2020	Electric Power Systems	Engineering Technology Buffalo State College
3	25/06/2020	Wind Energy	Technical University of Denmark (DTU)

Details of Conferences / Workshops / Refresher Courses Attended:

Internal:

S. No	Dates	Name of The Programme	Host Institution
1	16 th to 29 th April, 2012	SOFT COMPUTING APPLICATION TO POWER SYSTEM AND CONTROL MATLAB	AITAM, Tekkali
2	19 th Jan 2013	One day workshop on Outcome Based Education(In compliance with NBA Accreditation)	AITAM, Tekkali
3	26 th to 28 th December 2013	SOFT COMPUTING APPLICATIONS TO POWER SYSTEMS	AITAM, Tekkali

4	15 th to 16 th November 2014	TWENTY FIRST CENTURY, THE DAWN OF DIGITAL ERA: PEDAGOGICAL ISSUES OF TECHNICAL TEACHERS	AITAM, Tekkali
5	6 th December 2014	OUTCOME BASED EDUCATION	AITAM, Tekkali
6	4 th to 8 th April 2015	EFFECTIVE SOLUTIONS TO SMART GRID	AITAM, Tekkali
7	5 th July 2016	INTELLECTUAL PROPERTY RIGHTS(IPR) IN E & IT SECTOR	AITAM, Tekkali
8	22 nd -27 th September, 2016	OPTIMIZATION TECHNIQUES FOR ELECTRICAL ENGINEERING APPLICATIONS	AITAM, Tekkali
9.	28 th -29 th April, 2017	SERB, DST- New Delhi Sponsored Two day National Conference On “APPLICATIONS OF EVOLUTIONARY ALGORITHMS IN POWER SYSTEMS” (AEAPS – 2017)	AITAM, Tekkali
10	09.05.2018 to 10.05.2018	SERB, Dept. of Science & Technology Govt. of India, New Delhi National conference on CONTROL & AUTOMATION IN ELECTRICAL ENGINEERING (CAEE – 2018)	AITAM, Tekkali
11	27/01/2020 to 01/02/2020	LAB VIEW IN ENGINEERING AND ACADEMIC RESEARCH	AITAM, Tekkali
12	15/06/2020 to 19/06/2020	EXPLORE ELECTRICAL ENGINEERING IN INDUSTRIAL APPLICATIONS	AITAM, Tekkali
13	16/11/2020 to 20/11/2020	ELECTRIC VEHICLES	AITAM, Tekkali

External:

S. No	Dates	Name of The Programme	Host Institution
1	21 st to 25 th Feb, 2013	SMART TECHNOLOGIES FOR POWER MANAGEMENT	MNIT Jaipur, Rajasthan
2	11 th to 16 th May 2020	INNOVATION TO ACADEMICS	Ramachandra college of Engineering, Eluru(AP)
3.	11 th to 16 th May 2020	RESEARCH CHALLENGES AND INNOVATIONS IN RENEWABLE ENERGY SYSTEMS	Aarupadai veedu Institute of Technology
4	18 th -22 nd May 2020	CUTTING-EDGE TECHNOLOGIES FOR ELECTRICAL ENGINEERING	Andhra Loyola Institute of Engineering and Technology, Vijayawada
5	8 th to 12 th June 2020	RECENT INNOVATIONS AND TECHNOLOGIES IN ELECTRIC VEHICLES	GATES Institute of Technology Ananthapuramu
6	9 th to 13 th June 2020	DESIGN OF SOLAR PV SYSTEM USING PVSYS SOFTWARE	VAAGDEVI College of engineering, Hyderabad

Other Achievements:

1. Secured GATE Score of 92.05 percentile in GATE-2008.
2. Successfully completed Mission 10X Aarambh, a blended learning certificate programme on effective teaching and learning methods.
3. Ratified as Asst. Professor in 2013 in JNTUK selections.

K. SuneelGoutham

(K.SUNEELGOUTHAM)