

GOVERNMENT COLLEGE OF ENGINEERING

TIRUNELVELI – 627 007

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

1. Name in full : M.BALASUBRAMANIAN
2. Designation : ASSISTANT PROFESSOR
3. Date of joining in the present post : 05.04.2013
4. Date of joining the institute : 16.10.2014
5. Date of Birth : 04.06.1985
6. PAN Number : BINPB3522J
7. Aadhaar Number : 898266116454
8. Scale of pay : Rs. 73000/-
9. Address:



Permanent Address	Communication Address
L-70, T.N.H.B, VANNIYAM PATTI VILAKKU SRIVILLIPUTTUR - 626125	ASSISTANT PROFESSOR, GOVERNMENT COLLEGE OF ENGINEERING, TIRUNELVELI – 627007 balasubramanian@gcetly.ac.in

10. Educational Qualification (Starting from basic degree):

Degree	Area of Specialization	Institute/ University	Month/ Year	Class	% Marks / Equivalent
B.E	Electrical and Electronics Engg	Anna University, Chennai	April - 2006	First Class	72
M.E	Power Systems Engg.	Anna University, Coimbatore	June – 2009	First Class with Distinction	82.3
Ph.D					

11. Experience (Starting from current position):

Academic Experience				
Period		No. of Years	Designation / Nature of job	Institute / Organization
From	To			
16.10.2014	Till date	8	Assistant Professor	Government College of Engg., Tirunelveli
05.04.2013	15.10.2014	1.5	Assistant Professor	Alagappa Chettiar College of Engg. & Tech. Karaikudi
06.06.2011	03.04.2013	1.83	Assistant Professor	SACS M.A.V.M.M. Engg College, Madurai
11.06.2009	31.05.2011	2	Assistant Professor	Muthayammal Engg College, Rasipuram

Industrial Experience				
Period		No. of Years	Designation / Nature of job	Institute / Organization
From	To			
Nil				

Research Experience				
Period		No. of Years	Designation / Nature of job	Institute / Organization
From	To			
Nil				

12. Publications with DOIs and Publication/Citation details

Publications Details						DOI	No of Citations
S. No.	Title of paper	Authors	Name of the journal Month and year of acceptance	Publication details Vol. No., Pg. No, Month, Year	ISSN/ ISBN Number		
1	FFMCCF-PLL based DSTATCOM for Power Quality Improvement	Balasubramanian M, Manojkumar K, Krishnamoorthy P	International Journal of Mechanical Engineering	Vol.6 No.3, 3610-3613, Dec.2021	ISSN: 0974-5823	-	-

2	Power Quality Enhancement using FACS RF-PLL DSTATCOM	Balasubramanian M, Manojkumar K, Krishnamoorthy P	International Journal of Mechanical Engineering	Vol.6 No.3, 3817-3821, Dec.2021	ISSN: 0974-5823	-	-
3	Solar PV fed Grid Connected System With Reactive Power And Harmonics Compensation	M.Balasubramanian, C.Priyadharshini	Turkish Journal of Computer and Mathematics Education	Vol.12 No.3(2021), 3417-3428, April 2021	e-ISSN 1309-4653	-	-
4	Novel LMS-Neural Network based DSTATCOM for Improving Power Quality	M.Balasubramanian, P.Selvam, etal	Annals of R.S.C.B	Vol. 25, Issue 4, 2021, Pages. 13524 - 13535	ISSN: 1583-6258	-	-
5	Novel Predictive Current Controller for DSTATCOM to Improve Power Quality	M.Balasubramanian, P.Selvam, etal	Annals of R.S.C.B	Vol. 25, Issue 5, 2021, Pages. 5421 - 5432	ISSN: 1583-6258	-	-

13. Books /Course Materials Published:

Video Course Material published for the subject “Power System Transients”
https://www.youtube.com/watch?v=0hEyRsL4sno&list=PL75aEuxKXs9IU0bPevgl09RGnKYpqVGIL&index=1

14. Academic Research guidance / Supervisor ship:

Name of Research Scholars	Course / M.Phil / Ph.D	Area of Research / Work	Status

15. List of R&D and Consultancy Projects with Approvals and Project Completion Reports:

a) R & D Project:

Title	Sponsoring Agency	Year	Responsibility	Amount Sanctioned Rs.	Status

b) Consultancy Project: Nil

16. Seminars/Guest Lectures/Conferences/Workshops/FDP/Pedagogical Initiates Organized:

Name of the Program	Title	Sponsoring Agency	Year	Responsibility	Amount Sanctioned Rs.
Webinar	Essentials of Renewable energy and Wind turbine major components	-	30.07.2020	Coordinator	-
AICTE-ISTE sponsored Induction/Refresher Program	Pedagogy for the Use of ICT to Improve Quality of Teaching and Learning	AICTE-ISTE	14.11.18 to 20.11.18	Co-coordinator	3,00,000

17) Seminars/Guest Lectures/Conferences/Workshops/FDP/Pedagogical Initiates Attended:

Sl. No.	Title of Training Programme	Institution	Duration		No. of Days
1	NPTEL-AICTE FDP on "Fuzzy Logic and Neural Networks"	NPTEL-SWAYAM	Feb'21	Apr'21	8 Weeks
2	"Power Quality Improvement Technique "Power Quality Improvement Technique"	NPTEL-SWAYAM	Jan'20	Mar'20	8 Weeks
3	AICTE Sponsored Online STTP on "Application of Soft Computing Techniques to Renewable Energy System"	Government College of Technology, Coimbatore.	06.08.20	12.08.20	1 Week
4	Tamilnadu State Government Sponsored Three Day On-Line FDP on "Research Avenues in Smart Power Grid Technologies"	Government College of Technology, Coimbatore.	28.05.20	30.05.20	3 Days
5	Five days FDP on "Renewable Energy Systems"	Panimalar Institute of Technology, Chennai	08.06.20	12.06.20	5 Days
6	NPTEL-AICTE FDP on "DC Microgrid"	NPTEL-SWAYAM	Jul'19	Sep'19	8 Weeks
7	NPTEL-AICTE FDP on "Effective Engineering Teaching in Practice"	NPTEL-SWAYAM	Jan'19	Feb'19	4 Weeks
8	NPTEL-AICTE FDP on "Introduction to Smart Grid"	NPTEL-SWAYAM	Aug'18	Sep'18	8 Weeks
9	Four days FDP on "Problem Solving and Python Programming"	Government College of Engineering, Tirunelveli.	11.08.17 & 16.08.17	18.08.17	4 Days

10	AICTE - QIP SPONSORED Short Term Course on "Recent Trends In SCADA, Smart Grid and Industrial Automation "	Coimbatore Institute of Technology, Coimbatore.	02.05.17	15.05.17	2 Weeks
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18. Faculty Interaction with Outside World:

Guest Lectures Delivered				
S.No	Topic	Area	Delivered at	Year / Date
1.				

Resource persons for various events				
S.No	Organization	Purpose	Acted as	Date
1.				
Details as Journal Reviewer				
S.No	Name of the Journal	Manuscript ID	Paper Title	Date
1.				

19. Membership in professional societies:

Name of the Society	Details of Membership
ISTE	LIFE MEMBER - LM70816
IEI	M-1636469-EL

20. Awards/Letters/Certificates/Prizes/Medals/Honors received, if any:

Details of award	Awarded for the work	Date

21. Contribution to the College

Responsibilities held	Nature of activities for the betterment of College

22. Contribution to the Department

Responsibilities held	Nature of activities for the betterment of the Department
Faculty Advisor	Anna University Web Portal Entries from admission to the completion of the program, Maintenance of students Bio Data, Master Attendance Register, Result analysis, Exam fee payment etc. and Students counseling.
University Practical Exams Time-table In-charge	Prepare Practical Exam time-table for all UG & PG students of EEE department
NBA Coordinator – EEE department	NBA Accreditation

23. Faculty travel for official purpose:

24. Industrial Visits: Accompanied the students **for 2 Industrial Visits.**

Sl.No	Date	Name of the Industry	Remarks
1.	11.05.22	Papanasam Hydro Power Plant	IV Sem Students
2.	13.06.22	Nuclear Power Corporation India Ltd, Kudankulam	IV Sem Students

25. Any other activities

Signature

HOD/EEE