

PROFILE OF FACULTY

1. NAME: NAGARAJABODRAVARA
2. DATE OF BIRTH: 20-07-1976
3. ADDRESS:
4. COLLEGE: JAIN INSTITUTE OF TECHNOLOGY
DAVANGERE-577003



RESIDENCE: S/O BHEEMAPPA B
KANCIKERE (POST),
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5. CONTACT NO: +91-9535273435
6. EMAIL ID: YASHU200807@GMAIL.COM
7. DESIGNATION: ASSISTANT PROFESSOR
8. DEPARTMENT: ELECTRICAL AND ELECTRONICS ENGINEERING
9. DATE OF JOINING: 01/08/2013
10. EXPERIENCE (YEARS)

TEACHING:	09
INDUSTRY:	6
RESEARCH:	0

11. QUALIFICATIONS:

QUALIFICATIONS	UNIVERSITY	SPECIALIZATION	YEAR OF PASSING	CLASS
B.E.	V.T.U	ELECTRICAL AND ELECTRONICS	2001	SECOND
M.Tech	V.T.U	POWER SYSTEM & POWER ELECTRONICS	2010	FIRST

12. EXPERIENCE: (reverse chronological order)

Positions	Institution/industry	Period	Nature of job	No of years
ASSISTANT ENGINEER	SGS ORBOTICS AND INDUSTRIES	2001	CONTRACT SITE ENGINEER	08
LECTURER	ST J I T ,RANEENNUR	2010-2013	TEACHING	3
ASSISTANT PROFESSOR	J I T , DAVANGERE	2013-TILL DATE	TEACHING	4

13. FACULTY DEVELOPMENT PROGRAMMES/TRAINING/WORKSHOP/SUMMER/WINTER SCHOOLS ATTENDED (reverse chronological order)

SI No	Name of training/workshop	Year/Duration	Organizers
1	ENERGY AUDITING AND DEMAND SIDE MANAGEMENT	2010/2 DAYS	JNNCE -SHIMOGA
2	ELECTRICAL ESTIMATION INSTALLATION AND COSTING	2014/2 DAYS	J C E -BELGAUM
3	RECENT RESEARCH TRENDS IN NON CONVENTIONAL ENERGY SOURCES	2015/1 DAY	UBDTCE-DVG
4	ADVANCES IN POWER ELECTRONICS AND DRIVES	2015/1 WEEK	UBDTCE-DVG
5	CMOS, Mixed Signal and Radio Frequency VLSI Design	2017/2 WEEK	IIT Karagpur – RC UBDTCE
6			
7			

14. CONFERENCE /SEMINARS/PROFESSIONAL SOCIETY ACTIVITIES/EVENTS ATTENDED
(reverse chronological order)

SI No.	Title/topic	Year & Duration	Funded by	organizers
1	COMPARISION OF VARIOUS CONVERTERS USING MOSFET AND IGBT	MARCH-2015	G.Pullaiah College Of Engineering & Technology	Department of Electrical and Electronics Engineering karnool
2	STARTING AND SPEED CONTROL OF 3-PHASE SLIP RING INDUCTION MOTOR USING PLC	APRIL-2015	IJRSCET	IJRSCET-Bangalore
3	COMPARISION OF ISOLATED AND NON ISOLATED BIDIRECTIONAL DC-DC CONVERTER FED PMDC MOTOR	APRIL-2015	G.Pullaiah College Of Engineering & Technology	Department of Electrical and Electronics Engineering
4	ON THE CONCEPT OF AUTO RENCLOSER FINDING FAULT IN 3-PHASE SYSTEM	APRIL-2015	JCE-Belagavi	JCE-Belagavi
5	3-PHASE MOTOR PROTECTION	APRIL-2015	JCE-Belagavi	JCE-Belagavi
6	DEVELOPIING OF HIGH VOLTAGE DC FROM 230 VOLTS AC USING CAPACITOR AND DIODE LADDER CIRCUIT	FEB-2016	--	JIT-Davangere
7	IM MONITORING AND FAULT PREVENTION SYSTEM SYSTEM BASED ON LABVIEW	FEB-2016	Department of Electronics & communication Engineering	JIT-Davangere
8	INTELLIGENT ENERGY SAVING SYSTEM	FEB-2016	Department of Electronics & communication Engineering	JIT-Davangere
9	WIRELESS MOBILE CHARGER	FEB-2016	Department of Electronics & communication Engineering	JIT-Davangere
10	VOLTAGE DIP AND OVER VOLTAGE MITIGATION USING D-STATCOM IN NON CONVENTIONAL ENERGY BASED	APRIL 2018	BTI- BANGLORE	BTI- BANGLORE

	DISTRIBUTED GENERATION SYSTEMS			
11	VOLTAGE SAG AND SWELL MITIGATION USING D-STATCOM IN RENEWABLE ENERGY BASED DISTRIBUTED GENERATION SYSTEMS	APRIL 2018	BTI- BANGLORE	BTI- BANGLORE
12	VOLTAGE STABILIZATION AND REACTIVE COMPENSATION USING A NOVELFACTS-STATCOM	APRIL 2018	BTI- BANGLORE	BTI- BANGLORE

15. PAPERS PUBLISHED:

SI No	Type of publication	No. of publications
1	International Journal	14
2	National Journal	-
3	International Conferences	08
4	National Conferences	04

16. DETAILS OF PAPER PUBLISHED (along with DOI and publication/citation details) (reverse chronological order)

SI No	Title of paper/Report	Author (s)	Name & volume of Journal & Year
1	COMPARISON OF VARIOUS CONVERTERS USING MOSFET AND IGBT	1. NAGARAJA BODRAVARA 2. DEEPIKA S M 3. KAVITHA K H	GJTE, VOLUME-2, ISSUE-3, MARCH-2015
2	STARTING AND SPEED CONTROL OF 3-PHASE SLIP RING INDUCTION MOTOR USING PLC	1. NAGARAJA BODRAVARA 2. BHAVANI A R 3. SRIKANTH S	IJECS, VOLUME-4, ISSUE-4, APRIL-2015
3	COMPARISON OF ISOLATED AND NON ISOLATED BIDIRECTIONAL DC-DC CONVERTER FED PMDC MOTOR	1. NAGARAJA BODRAVARA 2. SUDHA MALAPUR 3. SHRUTHI MB	IJRASET, VOLUME-3, ISSUE-4, APRIL-2015
4	ON THE CONCEPT OF AUTO RECLOSER FINDING FAULT IN 3-PHASE SYSTEM	1. NAGARAJA BODRAVARA 2. DEEPIKA S M	IJETCSE, VOLUME-14, ISSUE-2, APRIL 2015

		3. KAVITHA K H	
5	3-PHASE MOTOR PROTECTION	1. NAGARAJA BODRAVARA 2. SEEMA T 3. VIJAYAKUMARI A V	IJETCSE, VOLUME-14, ISSUE-2, APRIL 2015
6	THREE PHASE FAULT ANALYSIS WITH AUTO RESET ON TEMPORARY FAULT AND PERMANENT TRIP OTHERWISE	1. AYESHA KHANUM G.K, 2. RUKHAYA BANU 3. NAGARAJA B 4. NANDISH B M	IJSDR VOLUME 2, ISSUE 4, APRIL 2017, PP: 36-39
7	POWER QUALITY IMPROVEMENT IN A SMART GRID USING MPFC	1. KAVYASHREE A 2. RACHANA V SARANG 3. NANDISH B M 4. NAGARAJ BODRAVAR	IJSDR VOLUME 2, ISSUE 4, APRIL 2017, PP: 32-35
8	ANALYSIS OF THREE PHASE FAULT IN A POWER SYSTEM USING AUTO RECLOSING MECHANISM	1. KAVYA A S 2. JYOTHI S 3. NAGARAJA B 4. NANDISH B M	IJSDR VOLUME 2, ISSUE 4, APRIL 2017, PP: 21-25
9	MITIGATION OF POWER QUALITY ISSUES IN A SMART GRID USING MPFC	1. SEEMA D 2. SUSHMA K M 3. NANDISH B M 4. NAGARAJ B	IJSDR VOLUME 2, ISSUE 4, APRIL 2017, PP: 73-76
10	ACTIVE POWER FILTERS FOR MITIGATION OF POWER QUALITY ISSUES IN GRID INTEGRATED SYSTEM	1. ANUSHA A BONGALE 2. SANGAMMA M B 3. NAGARAJA B 4. NANDISH .B.M	IJSDR VOLUME 2, ISSUE 4, APRIL 2017, PP: 203-206
11	ACTIVE POWER FILTERS TO IMPROVE THE POWER QUALITY FOR GRID INTEGRATED SYSTEM	1. HEMASAGAR S 2. KRUPA RAMESH 3. NAGARAJA B 4. NANDISH .B.M	IJSDR VOLUME 2, ISSUE 4, APRIL 2017, PP: 212-215
12	VOLTAGE DIP AND OVER VOLTAGE MITIGATION USING D-STATCOM IN NON CONVENTIONAL ENERGY BASED DISTRIBUTED GENERATION SYSTEMS	1. DEEPA M 2. MEGHA S M 3. NAGARAJA BODRAVARA 4. NANDISH B M	IJARTET VOLUME 5, SPECIAL ISSUE 14, APRIL 2018, PP: 444-448
13	VOLTAGE SAG AND SWELL MITIGATION USING D-STATCOM IN RENEWABLE ENERGY BASED DISTRIBUTED GENERATION SYSTEMS	1. DHANANJAYA M K 2. KUSUMA K B 3. NAGARAJA BODRAVARA 4. NANDISH B M	IJARTET VOLUME 5, SPECIAL ISSUE 14, APRIL 2018, PP: 445-449
14	VOLTAGE STABILIZATION AND	1. ASHIYANA A ALI	IJARTET VOLUME 5, SPECIAL ISSUE

	REACTIVE COMPENSATION USING A NOVELFACTS- STATCOM	2. JEEVAN MT 3. NAGARAJA BODRAVARA 4. NANDISH B M	14, APRIL 2018, PP: 451-454

17. NUMBER OF PROJECTS GUIDED

UG: 12 BATCHES

PG: -

PhD:-

18. SUBJECTS TAUGHT

- 1. BASIC ELECTRICAL ENGINEERING,**
- 2. ENERGY AUDITING AND DEMAND SIDE MANAGEMENT,**
- 3. POWER SYSTEM ANALYSIS AND STABILITY,**
- 4. TRANSMISSION AND DISTRIBUTION,**
- 4. INDUSTRIAL MANAGEMENT ESTIMATION AND COSTING,**
- 5. MANAGEMENT AND ENTERPRENEURSHIP,**
- 6. HIGH VOLTAGE ENGINEERING,**
- 7. TRANSFOEMER AND INDUCTION MACHINES,**
- 8. COMPUTER AIDED ELECTRICAL DRAWING,**
- 9. ELECTRICAL ESTMATION DESIGN AND COSTING AND**
- 10. ELECTRICAL POWER UTILIZATION.**
- 11. COMPUTER AIDED ELECTRICAL DRWAING**
- 12. DC MACHINES AND SYNCHRONOUS MACHINES**

19. OTHER ASSIGNMENTS

- I. PIACEMENT CO-ORDINATOR**
- II. INDUSTRIAL VISIT CO-ORDINATOR**
- III. PROJECT CO-ORDINATOR**
- IV. INTERNAL DEPUTY CHIEF SUPERINDENT OF V T U EXAMINATIONS**