

PROFILE OF FACULTY

1. NAME: NANDISH B M

2. DATE OF BIRTH: 30-03-1990

3. ADDRESS:

OFFICE/COLLEGE: JAIN INSTITUTE OF TECHNOLOGY

DAVANGERE-577003

RESIDENCE: #3566/A , 5TH MAIN 6TH CROSS

MCC'B' BLOCK, DAVANGERE -577004



4. CONTACT NO: +91-9663196251

5. FAX:

6. EMAIL ID: badami966@gmail.com

7. DESIGNATION: ASST. PROFESSOR

8. DEPARTMENT: ELECTRICAL AND ELECTRONICS ENGINEERING

9. DATE OF JOINING: 04/07/2014

10. EXPERIENCE (YEARS)

TEACHING: 4

INDUSTRY: 0

RESEARCH: 0

11. QUALIFICATIONS:

Course	University	Specialization	Year of passing	Class
P.U.C	P.U. BOARD	P.C.M.Cs	2008	FIRST
B.E.	V.T.U	ELECTRICAL AND ELECTRONICS	2012	FIRST
M-Tech	V.T.U	POWER SYSTEM	2014	FCD
Ph.D.				

12. EXPERIENCE: (reverse chronological order)

Positions	Institution/Industry	Period	Nature of Job	No of Years
Asst. Prof	J.I.T, DAVANGERE	4-7-2014	TEACHING	TILL DATE

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

Sl. No	Name of training/workshop	Year/Duration	Organizers
1	Advances in Power Electronics and Drives	2015/ 1 WEEK	VGST, UBDTCE, DVG
2	Recent Trends In Renewable Energy Resources	JUNE 2015 / 1 DAY	UBDTCE , DVG
3	CMOS, Mixed Signal and Radio Frequency VLSI Design	2017/2 WEEK	IIT Karagpur – RC UBDTCE
4	Electric Power System	2017/2 WEEK	IIT Karagpur – RC SCE MANGLORE
5	Power System Design and Analysis Using DIgSILENT Power Factory Software	2017/ 1 DAY	DELLSOFT TECHNOLOGIES - JIT, DAVANGERE

14. FACULTY DEVELOPMENT PROGRAMMES/TRAINING/WORKSHOPS/SUMMER/WINTER SCHOOLS ORGANISED (reverse chronological order)

Sl No.	Title/topic	Year & Duration	Funded by	Organizers
1				

15. FACULTY AS RESOURCE PERSONS IN FACULTY DEVELOPMENT PROGRAMME/TRAINING/WORKSHOP/SUMMER/WINTER SCHOOLS (reverse chronological order)

Sl No	Name of FDP/training/workshop	Year/Duration	Funded by	organizers
1	TECHNICAL COMPITATIVE LEVEL COACHING FOR ELECTRICAL ENGINEERING	2016/ 23 RD TO 27 TH JAN	GATE ETC	GATE ETC

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

SI No.	Title/topic	Year & Duration	Funded by	organizers
1	POWER FACTOR CORRECTION OF 6.6Kv DISTRIBUTION LINE IN LC11 RMHS DEPARTMENT JSW STEEL	MAY-2014	-	BKIT, Bhalki
2	POWER FACTOR CORRECTION USING (PLC) PROGRAMABLE LOGIC CONTROLLER	JUNE-2014	-	GPCET, Karnool
3	SINGLE PHASE UNIPOLAR PULSE WIDTH MODULATION INVERTER USING MOSFET	MARCH-2015	-	GPCET, Karnool
4	UNIPOLAR PULSE WIDTH MODULATION INVERTER USING SMC	MARCH-2015	-	GPCET, Karnool
5	CHARACTERISTICS ANALYSIS OF MOSFET AND IGBT FOR THE OPERATION OF BUCK AND BOOST CONVERTER	MARCH-2015	-	GPCET, Karnool
6	SMC TECHNIQUE FOR SPEED CONTROL OF INDUCTION MOTOR	FEB-2016	--	JIT,ECE,DVG
7	VOLTAGE DIP AND OVER VOLTAGE MITIGATION USING D-STATCOM IN NON CONVENTIONAL ENERGY BASED DISTRIBUTED GENERATION SYSTEMS	APRIL-2018	--	BTI, BANGLORE
8	VOLTAGE SAG AND SWELL MITIGATION USING D-STATCOM IN RENEWABLE ENERGY BASED DISTRIBUTED GENERATION SYSTEMS	APRIL-2018	--	BTI, BANGLORE
9	VOLTAGE STABILIZATION AND REACTIVE COMPENSATION USING A NOVELFACTS- STATCOM	APRIL-2018	--	BTI, BANGLORE
10	IoT BASED ENERGY METER	APRIL-2018	--	BTI, BANGLORE
11	IOT BASED UNDERGROUND FAULT DISTANCELOCATOR	APRIL-2018	--	BTI, BANGLORE

12	IMPLEMENTATION OF IOT TO DETECT AND DISPLAY UNDERGROUND CABLE FAULT	APRIL-2018	--	BTI, BANGLORE
13	PRODUCTION OF ELECTRICITY BY BURNING PLASTICS	APRIL-2018	--	BTI, BANGLORE
14	SMART SPEED BREAKER AND ROAD BLOCKING SYSTEM FOR EMERGENCY VEHICLE'S USING RFID	APRIL-2018	--	BTI, BANGLORE
15	SMART SPEED BREAKER USING RFID SENSORS	APRIL-2018	--	BTI, BANGLORE

17. CONFERENCES/SEMINARS/PROFESSIONAL SOCIETY ACTIVITIES/EVENTS ORGANIZED
(reverse chronological order)

SI No.	Title/topic	Year & Duration	Funded by	organizers

18. PAPERS PUBLISHED:

SI No	Type of publication	No. of publications
1	International Journal	32
2	National Journal	--
3	International Conferences	13
4	National Conferences	2

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

Sl No	Title of paper/Report	Author (s)	Name & volume of Journal & Year
1	POWER FACTOR CORRECTION OF 6.6Kv DISTRIBUTION LINE IN LC11 RMHS DEPARTMENT JSW STEEL	1. NANDISH B M 2. GOPALAKRISHNA 3. JIBY C JOSE	IJRET, VOLUME 3, SPECIAL ISSUE3, MAY-2014, PP:229-232
2	A REVIEW OF ENERGY HARVESTING FROM VIBERATION USING PIEZOELECTRIC MATERIAL	1. NANDISH B M 2. BHAGYASHREE HOSAMANI	IJERT, VOLUME 3, ISSUE 7, JULY-2014, PP:1607-1610
3	SINGLE PHASE UNIPOLAR PULSE WIDTH MODULATION INVERTER USING MOSFET	1. BENSZIR 2. ZARRIN 3. NANDISH B M	GJTE, VOLUME 2,ISSUE 3, MARCH-2015, PP:80-82
4	UNIPOLAR PULSE WIDTH MODULATION INVERTER USING SMC	1. REKHA C N 2. SHWETHA C M 3. NANDISH B M	GJTE, VOLUME 2,ISSUE 3, MARCH-2015, PP:98-101
5	CHARACTERISTICS ANALYSIS OF MOSFET AND IGBT FOR THE OPERATION OF BUCK ABD BOOST CONVERTER	1. SUDHA M 2. SHRUTHI M B 3. NANDISH B M	GJTE, VOLUME 2,ISSUE 3, MARCH-2015, PP:102-107
6	SHUNT HYBRID POWER FILTER COMBINED WITH THYRISTOR CONTROLLED REACTOR FOR POWER QUALITY IMPROVEMENT.	1. PALLAVI P, 2. POOJA P S, 3. CHETHAN H R, 4. NANDISH B M	IJSDR VOLUME 1, ISSUE 5, MAY 2016, PP:365-369
7	THREE PHASE TRANSMISSION LINE FAULT ANALYSIS USING MATLAB SIMULINK	1. POOJA.P, 2. PREETHI.K.R, 3. CHETAN H R 4. NANDISH B M	IJSDR VOLUME 1, ISSUE 5, MAY 2016, PP:376-378
8	DESIGN OF THREE PHASE PWM VOLTAGE SOURCE INVERTER FOR INDUCTION HEATER	1. DIVYA. S. R 2. ASHWINI. K. V 3. NANDISH B.M	IJSDR VOLUME 1, ISSUE 5, MAY 2016, PP:399-403
9	THREE PHASE FAULT ANALYSIS USING SIM POWER SYSTEM	1. APOORVA.G.M 2. REKHA K.V 3. CHETAN H R 4. NANDISH B M	IJSDR VOLUME 1, ISSUE 5, MAY 2016, PP:412-414
10	MOSFET BASED THREE PHASE BRIDGE INVERTERFOR INDUCTION HEATING APPLICATIONS	1. Ramya L.R. 2. Sowmya D.B 3. NANDISH B M	IJSDR VOLUME 1, ISSUE 5, MAY 2016, PP:550-552
11	POWER QUALITY CONTROL OF THE DFIG BASED ON WIND ENERGY SYSTEM	1. Pooja.H.S 2. Divya Bharathi.R 3. Nandish.B.M	IJSDR VOLUME 2, ISSUE 4, APRIL 2017, PP: 40-42

		4. Chetan.H R	
12	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
13	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
14	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
15	ACTIVE AND REACTIVE POWER CONTROL OF DFIG BASED ON WIND ENERGY SYSTEM	1. ALIYA J 2. JYOTHI .I.T 3. NANDISH .B.M 4. CHETAN H R	IJSDR VOLUME 2, ISSUE 4, APRIL 2017, PP: 77-79
16	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
17	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
18	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
19	SIMULATION AND MODELLING OF WIND AND PV HYBRID STANDALONE SYSTEM	1. PADMA A C 2. RASHMI B 3. CHETAN H R 4. NANDISH B M	IJSDR VOLUME 2, ISSUE 4, APRIL 2017, PP: 287-291
20	MPPT BASED SIMULATION OF WIND AND PV HYBRID SYSTEM	1. AKASHATHA S L 2. MEGHANA N 3. CHETAN H R 4. NANDISH .B.M	IJSDR VOLUME 2, ISSUE 4, APRIL 2017, PP: 292-296
21	INTELLIGENT TRAFIC LIGHT CONTROL SYSTEM	1. VINAYAKA S VANJRE 2. BASAVARAJ P 3. CHETAN H R 4. NANDISH .B.M	IJRTI VOLUME 2, ISSUE 5, MAY 2017, PP: 172 - 174
22	WIRELESS POWER THEFT DETECTION USING ZIGBEE	1. MOHAMMAD SAMAD A	IJRTI VOLUME 2, ISSUE 5, MAY 2017, PP: 241 - 244

	TECHNOLOGY	<ol style="list-style-type: none"> 2. HARISH SHETTIKERI 3. RAKESH L 4. NANDISH .B.M 	
23	INTELLIGENT TRAFFIC LIGHT CONTROL SYSTEM	<ol style="list-style-type: none"> 1. NAVEENA NEKARA 2. IQBAL AHAMED KHAN H 3. CHETAN H R 4. NANDISH .B.M 	IJRTI VOLUME 2, ISSUE 5, MAY 2017, PP: 313 - 316
24	VOLTAGE DIP AND OVER VOLTAGE MITIGATION USING D-STATCOM IN NON CONVENTIONAL ENERGY BASED DISTRIBUTED GENERATION SYSTEMS	<ol style="list-style-type: none"> 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
25	VOLTAGE SAG AND SWELL MITIGATION USING D-STATCOM IN RENEWABLE ENERGY BASED DISTRIBUTED GENERATION SYSTEMS	<ol style="list-style-type: none"> 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
26	VOLTAGE STABILIZATION AND REACTIVE COMPENSATION USING A NOVELFACTS- STATCOM	<ol style="list-style-type: none"> 1. ASHIYANA A ALI 2. JEEVAN MT 3. NAGARAJA B 4. NANDISH B M 	IJARTET VOLUME 5, SPECIAL ISSUE 14, APRIL 2018, PP: 451-454
27	IoT BASED ENERGY METER	<ol style="list-style-type: none"> 1. POOJA.M.K 2. NAVEEN.M 3. PREETHA.P.S 4. NANDISH.B.M 	IJARTET VOLUME 5, SPECIAL ISSUE 14, APRIL 2018, PP: 422-424
28	IOT BASED UNDERGROUND FAULT DISTANCELOCATOR	<ol style="list-style-type: none"> 1. POOJA.M.M 2. PUSHPA G.C 3. PRAVEEN ANAJI 4. NANDISH B M 	IJARTET VOLUME 5, SPECIAL ISSUE 14, APRIL 2018, PP: 425-428
29	IMPLEMENTATION OF IOT TO DETECT AND DISPLAY UNDERGROUND CABLE FAULT	<ol style="list-style-type: none"> 1. HANUMANTHAPPA D M 2. SANTHOSH S 3. PRAVEEN ANAJI 4. NANDISH B M 	IJARTET VOLUME 5, SPECIAL ISSUE 14, APRIL 2018, PP: 418-421
30	PRODUCTION OF ELECTRICITY BY BURNING PLASTICS	<ol style="list-style-type: none"> 1. AISHWARYA A M 2. PRIYA D K 3. NANDESH K N 4. NANDISH B M 	IJARTET VOLUME 5, SPECIAL ISSUE 14, APRIL 2018, PP: 429-433
31	SMART SPEED BREAKER AND ROAD BLOCKING SYSTEM FOR EMERGENCY VEHICLE'S USING RFID	<ol style="list-style-type: none"> 1. ATTIGERE M V 2. RAHUL R KAYI 3. VIJAYLAKSHMI A K 4. NANDISH B M 	IJARTET VOLUME 5, SPECIAL ISSUE 14, APRIL 2018, PP: 434-436

32	SMART SPEED BREAKER USING RFID SENSORS	1. CHETHANA S PATIL 2. SANIYA KOUSAR 3. VIJAYLAKSHMI A K 4. NANDISH B M	IJARTET VOLUME 5, SPECIAL ISSUE 14, APRIL 2018, PP: 434-436
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20. BOOKS / CHAPTERS PUBLISHED & E-LEARNING MATERIALS DEVELOPED

21. FACULTY INTELLECTUAL PROPERTY RIGHTS (Give details)

22. FUNDED R & D PROJECTS & CONSULTANCY WORK (Give details)

SL NO	TITLE OF THE PROJECT	FUNDING AGENCY	AMOUNT
1	POWER FACTOR CORRECTION OF 6.6kV DISTRIBUTION LINE IN LC11 RMHS DEPARTMENT JSW STEEL	J.S.W, JINDAL,TORANAGAL, HOSPET	-----

23. FACULTY INTERACTION WITH OUTSIDE WORLD (Give details)

- As Resource Person for GATE Coaching at Gate Forum Davangere.
- SESSION CHAIR FOR INTERNATIONAL CONFERENCE HELD AT BANGLORE TECHNOLOGICAL INSTITUTE, BANGLORE

24. AWARD / RECOGNITION

25. NUMBER OF PROJECTS GUIDED

UG: 5

PG:

PhD:

26. SUBJECTS TAUGHT

- POWER SYSTEM OPERATION AND CONTROL
- SIGNALS AND SYSTEMS
- CONTROL SYSTEM
- LOGIC DESIGN
- LINEAR ICS AND ITS APPLICATIONS

- COMPUTER AIDED ELECTRICAL DRAWING
- OPERATION RESEARCH
- ELECTRIC POWER GENERATION
- TESTING AND COMMISSIONING OF ELECTRICAL EQUIPMENTS
- TRANSMISSION AND DISTRIBUTION
- ELECTRICAL POWER UTILIZATION
- ELECTRICAL MACHINE-1 LAB
- ANALOG ELECTRONICS LAB
- MICROCONTROLLER LAB
- LOGIC DESIGN LAB
- TRANSFORMER AND INDUCTION MACHINES LAB
- CTPS LAB
- POWER ELECTRONICS LAB

27. MEMBERSHIP OF PROFESSIONAL BODIES

1. Member of International Association of Engineers (Member Number: 187527)
2. Reviewer member for International Journal of Science & Engineering Development Research (IJS DR)
3. Member of Institute for Exploring Advances in Engineering
4. Reviewer for Journals in IEAE

28. BRIEF ON ACTIVITIES FOR INSTITUTIONAL DEVELOPMENT

29. OTHER ASSIGNMENTS

1. COUNCILLING CO-ORDINATOR
2. TIMETABLE
3. INTERNAL
4. STUDENT RECORDS CO-ORDINATOR
5. TECHNICAL FEST CO-ORDINATOR