


P.E.S. COLLEGE OF ENGINEERING

MANDYA - 571 401

Report:

Academic and Administrative Audit

Electrical and Electronics Engineering

Academic Year : 2020-2021



P.E.S. College of Engineering, Mandya – 571 401

(An Autonomous Institution affiliated to VTU, Belagavi)

Internal Quality Assurance Cell

Academic and Administrative Audit for the Year: 2020-21

(From 01-06-2020 to 31-05-2021)

[Note: The relevant necessary supporting documents must be enclosed with this report]

Section – I : Basic Information

a. Department detail

Sl. No.	Particulars	Details			
1	Name of the Department	Electrical and Electronics			
2	Head of the department	Dr.S Gopiya Naik			
3	Number of Full Time Faculty	Profs. 02	Assoc. Profs. :	Asst. Profs. : 10	
4	Number of Technical Staff	10			
5	Students Intake Strength	60			
6	No. of students Enrolled (Year wise)	I : 46	II : 64	III : 66	IV : 49
7	Student Teacher Ratio	18.75			

b. Faculty Detail

Sl. No.	Name of Professors	Name of Associate Professors	Name of Assistant Professors
1.	Dr. S S Parthasarthy		D M Srinivasa
2.	Dr.S Gopiya Naik		B N Harish
3.			Sunil Kumar C
4.			Manohara H C
5.			K M Mahesh Kumar
6.			Lokesh T R
7.			Srinath M S
8.			Anusha M K
9.			Sukanyna H N
10.			Dr. Radhika M N

Section – II : Curricular Aspects

a. Academic Planning, if Yes provide supporting documents

Sl. No.	Particular	Available Yes/No	Remarks
1	Departmental Academic Calendar	Yes	
2	Faculty Course Choice	Yes	
3	Elective Choice from students	Yes	
4	Course/Subject distribution to Faculty	Yes	
5	Class Time Tables	Yes	
6	Lesson Plan for Theory & Laboratory	Yes	

b. Participation of the department in the curriculum development for courses offered by the affiliating University

Sl. No.	Name of the Faculty	Participated as	Course	Semester
1	NIL			

c. List of elective courses in Elective Course System conducted by department during the programme

Sl. No.	Name of the Elective Course	Semester
1.	Power Transmission and Distribution	V
2.	MATLAB Programming	V
3.	Switch gear and Protection	VI
4.	Flexible AC Transmission Systems	VII
5.	Testing & Commissioning of Electrical Equipments	VII
6.	Energy Auditing & Demand Side Management	VIII
7.	Artificial Neural Network	VIII
8.	HVDC Power Transmission	VIII
9.	Power System Operation and Control	VIII

d. List of the audit courses in CBCS system conducted by department

Sl. No.	Name of the Course	UG/PG	Semester
1.	P18HU39-Aptitude and Reasoning Development -GINNER (ARDB)	UG	III
2.	P18HMDIP310-Indian Constitution, Human Rights and Professional Ethics	UG	III
3.	P18MADIP31-Additional Maths-I	UG	III
4.	P18EVDIP49-Environmental Studies	UG	IV

5.	P18MADIP41-Additional Mathematics – II	UG	IV
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e. List of value added courses conducted in the department

Sl. No.	Name of the Value Course	Semester	No. of Students participated
1.	Management and Entrepreneurship	V	66
2.	MATLAB Programming	V	
3.	Skill oriented Lab-1-MATLAB & Simulink	V	66
4.	Skill oriented Lab-2- LabVIEW & Multisim	VI	66
5.	Artificial Neural network	VIII	20

Section – III : Teaching Learning & Evaluation

a. Course / Curriculum Delivery

Sl. No.	Semester	Name of Course	Name of Faculty	No. of Lectures / Practical's as per Syllabus	No. of Lectures / Practical's as per teaching plan	No. of Lectures / Practical's conducted
1	I	Basic Electrical Engineering	Dr. S S Parthasarthy			
			Manohara H C	Th :40	Th :40	Th :43
			K M Mahesh Kumar	Pr :Nil	Pr : Nil	Pr : Nil
			Anusha M K			
			Sukanya H N			
			Dr. Radhika M N			
2	II	Basic Electrical Engineering	Dr. S S Parthasarthy	Th :40	Th :40	Th :45
			B N Harish	Pr :Nil	Pr : Nil	Pr : Nil
			Sunil Kumar C			
			Manohara H C			
			K M Mahesh Kumar			
			Anusha M K			
3	III	Electrical Circuit Analysis	Dr. Radhika M N	Th :52	Th :52	Th :52
		Analog Electronic Circuits	K M Mahesh Kumar	Th :52	Th :52	Th :52
		Digital Electronic Circuits	Srinath M S	Th :52	Th :52	Th :52

		Power Plant Engineering	Anusha M K	Th :52	Th :52	Th :52
		Measurement and Instrumentation	Sunil Kumar C	Th :52	Th :52	Th :52
4	IV	Signals & Systems	B N Harish	Th :52	Th :52	Th :52
		Microcontroller	Sunil Kumar C	Th :52	Th :52	Th :52
		Electrical Machines-1	D M Srinivasa	Th :52	Th :52	Th :52
		Electromagnetic field theory	T R Lokesh	Th :52	Th :52	Th :52
		Op-amp & Linear IC's	Srinath M S	Th :52	Th :52	Th :52
5	V	Management and Entrepreneurship	Srinath M S	Th :52	Th :52	Th :52
		Power Electronics	B N Harish	Th :52	Th :52	Th :52
		Linear Control Systems	Lokesh T R	Th :52	Th :52	Th :52
		Electrical Machines-2	D M Srinivasa	Th :52	Th :52	Th :52
		Transmission & Distribution	Dr. S Gopiya Naik	Th :52	Th :52	Th :52
		MATLAB Programming	K M Mahesh Kumar			
6	VI	Power System Analysis and stability	H N Sukanya	Th :52	Th :52	Th :52
		Digital Signal Processing	Dr. Radhika M N	Th :52	Th :52	Th :52

		Electrical Machine Design	D M Srinivasa	Th :52	Th :52	Th :52
		Switchgear & Protection	H C Manohara	Th :52	Th :52	Th :52
		Open Elective- Power Plant Engineering	K M Mahesh Kumar	Th :40	Th :40	Th :40
7	VII	Computer Techniques in Power System	H N Sukanya	Th :52	Th :52	Th :52
		High Voltage	D M Srinivasa	Th :52	Th :52	Th :52
		AC & DC Drives	B N Harish	Th :52	Th :52	Th :52
		Testing and Commissioning	H C Manohara	Th :40	Th :40	Th :40
		Open Elective-Power Plant Engineering	Lokesh T R	Th :40	Th :40	Th :40
8	VIII	Renewable Energy Sources	Dr. S Gopiya Naik	Th :52	Th :52	Th :52
		Energy Auditing & Demand side management	Anusha M K	Th :40	Th :40	Th :40
		Artificial Neural Network	Srinath M S	Th :40	Th :40	Th :40
		Power System Operation and Control	H N Sukanya	Th :40	Th :40	Th :40
		Open Elective-Utilization of Electrical power	H C Manohara	Th :40	Th :40	Th :40

		Project Work Phase-II				
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b. Use of ICT facility in Teaching Learning			
Sl. No.	Name of the Faculty	Name of the Course for which ICT used	ICT Tool/Technique used
1	Dr.S Gopiya Naik	Power Transmission Distribution	PPT
2	D M Srinivasa	High voltage, Machine Design, Electrical Machine 1 & 2	PPT
3	B N Harish	Power Electronics, Signals and Systems, AC and DC Drives , Basic Electrical	PPT
4	Sunil Kumar C	Basic Electrical , Measurement and Instrumentation , FACTS	Smart board, PPT
5	Manohara H C	Basic Electrical, Testing & Commissioning of Electrical Equipments , Switch gear and Protection	PPT
6	K M Mahesh Kumar	Basic Electrical,Analog Electronics,Matlab programming,Power plant Engineering	PPT
7	Lokesh T R	Linear control system,Power Plant Engineering,HVDC Transmission,Field Theory	Smart board, PPT, Pen Tablet
8	Srinath M S	Digital Electronics Artificial Neural Network , Management and Entrepreneurship, op-amp and Linear Ics ,	Smart board, PPT, Pen Tablet
9	Anusha M K	Basic Electrical , Power Plant Engineering , Energy Auditing & Demand Side Management	Smart board, PPT, Pen Tablet
10	Dr. S S Parthasarthy	Basic Electrical, Electrical circuit analysis , Digital Signal Processing	Smart board, PPT, Pen Tablet
11	Sukanyana H N	Basic Electrical,Computer Techniques In Power System,Power system Analysis and Stability,Power System Operation and Contol	Smart board, PPT, Pen Tablet
12	Dr. Radhika M N	Basic Electrical,Analog Electronics.	Smart board, PPT

c. List of Expert Lectures / Workshops conducted				
Sl. No.	Expert Lecture Topic / Workshop Topic	Expert Speaker / Resource Person	Date of conduction	Target Audience & Strength
1	Nil			

d. Activities for slow and Advanced Learners				
Sl. No.	Name of the Course	Name of the Faculty	No. of Slow Learners / Advanced Learners	Activities / Task Assigned
1	Electrical circuit analysis	Dr.RMN	SL – 10 AL - 39	Special classes conducted, assignment test
2	Control system	Lokesh T R	SL – 15 AL - 36	Special classes conducted, assignment

e. List of Bridge Courses conducted				
Sl. No.	Name of Course for which Bridge Course conducted	Name of the Faculty	Semester	No. of students participated
1	NIL			

f. Counseling and Mentoring			
Sl. No.	Particular	Yes /No	Remarks
1	Mentor Allocation	Yes	
2	Class wise Student Profile Record	Yes	
3	Mentor Mentee Session Record	Yes	

g. Internal Evaluation System			
Sl. No.	Particular	Yes /No	Remarks
1	CIE – Blue Book	Yes	
2	CIE – Quiz Papers	Yes	
3	CIE – Assignment Book	Yes	
4	Seminar / Project Review Record	Yes	
5	Practical Records	Yes	
6	Other Alternative Assessment Tools (OAAT)	Yes	

h. Students Performance in Semester End Examinations

Sl. No.	Semester	No. of Students appeared	No. of Students Cleared all Courses	No. of Students Secured SGPA above 7.75	Pass Percentage
1	Sem - I	48	45		93.75
2	Sem - II	48	48	26	100
3	Sem - III	64	39	17	60.9
4	Sem - IV	64	62	18	96.87
5	Sem - V	66	47	21	71.21
6	Sem - VI	66	64	22	96.96
7	Sem - VII	49	45	42	91.80
8	Sem - VIII	49	49	40	100

i. Learning Outcomes

Sl. No.	Particulars	Yes / No	Remarks
1	COs, POs & PSOs are well defined	Yes	
2	Correlation of COs in POs & PSOs	Yes	
3	Course Outcome Attainment calculated	Yes	
4	Program Outcome & Program Specific Outcome attainment through course outcome are calculated	Yes	

Section – IV : Structured Feedback

Sl. No.	Particulars	Yes / No	Remarks
1	Student Feedback on Teaching Learning conducted & analyzed	Yes	
2	Course Exit Survey conducted & analyzed	Yes	
3	Parent Feedback / Parent Meet conducted & analyzed	Yes	
4	Student Exit Survey conducted & analyzed	Yes	
5	Alumni Meet / Feedback conducted & analyzed	Yes	

Section – V : Research, Innovation and Publications**a. Research Grants, Ongoing and completed Projects from funding agencies (Like DST, UGC, AICTE, VGST, etc.,)**

Sl. No.	Principal Investigator	Title of Project	Funding Agency	Period of Project	Amount Received
1	Nil				

b. Number of Publications					
Sl. No.	Faculty Name	National Conferences	International Conferences	National Journals	Int. National Journals
1	Dr.S.Gopiya Naik				4
2	D M Srinivasa		1		2
3	H C Manohara				1
4	K M Mahesh Kumar		1		2

c. Publications in National / Int. National Conferences					
Sl. No.	Author Name	Title of the paper	National /International	Name of the Conference	ISBN / ISSN Number & Publisher
1	D M Srinivasa	Impact of Antioxidant and degasification on a new liquid dielectric suitable for transformer applications	International	2 nd International conference on Topical Transcends In Science, Technology & Management (ICTTSTM-2020) at SaiVidya Institute of Technology, Bengaluru, Karnataka	
2	K M Mahesh Kumar	Analysis of Phase Resolved Partial Discharge Patterns of Kraft Paper Insulation Impregnated in Transformer Mineral oil	International	International Conference on Smart Electronics and Communication (ICOSEC), Trichy, India	

d. Publications in National / Int. National Journals					
Sl. No.	Author Name	Title of the paper	National /International	Journal Name	ISBN / ISSN Number
		Arduino based Earthquake Detector using Accelerometer	International	International Journal of Advanced Research in Electrical, Electronics and Instrumentation	Vol. 9, No. 7, pp. 2003-2008, July 2020. Vol. 9, No. 7, pp. 2003-2008, July 2020

1	Dr. S Gopiya Naik			Engineering,	
		Dual Mode DC-Dc Power converter for solar battery charger	International	SSRG International Journal of Electrical and Electronics Engineering	Vol. 7, No.7, pp. 1-5, July 2020.
		IOT based monitoring and control of faults in Power distribution transformers	International		Vol.7,No.12, PP.37-41,December 2020
		Design requirements of solar power plugin hybrid electric vehicles	International		Vol.12.No.3,PP. 4635-4641, April 2021
2	D M Srinivasa	Investigation of Dielectric Properties of Indigenous Blended Ester oil for Electric System Applications	International	Advances in Science, Technology and Engineering Systems Journal	Vol. 5, No. 5, 669-673 (2020).
		Fabrication of Bio-Battery for Home Automation	International	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering (IJIREEICE)	Vol. 8, Issue 7, July2020 , ISSN (Online) 2321-5528 ISSN (Print) 2321 — 2004, page No.12
3	H C Manohara	<i>Dual mode DC-DC Power Converter for Solar Battery Charger</i>	International	SSRG International Journal of Electrical and Electronics Engineering	Vol. 7, No.7, pp. 1-5, July 2020.
4	K Mahesh Kumar	Analysis of partial discharge patterns of natural ester oil and mineral oil used in power transformer	International	Materials Today: Proceedings, an Elsevier Journal 2021	ISSN 2214-7853,https://doi.org/10.1016/j.matpr.2020.12.868
		Design Of Matching Impedance And	International	International Journal of Advanced	Vol. 29, No. 7s, (2020), pp.

		Amplifier Circuit For Partial Discharge Measurement		Science and Technology	2020-2026.
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e. Publications of Books / Book Chapters				
Sl. No.	Author Name	Title of Book / Chapter Published	ISBN / ISSN Number	Publisher
1	Nil			

Section – VI : Collaborations and Linkages				
a. Student Internships				
Sl. No.	Student Name	USN	Name of Sponsored Industry / Research Institute	Duration
1.	AYESHA HARMAN	4PS17EE001	MANMUL, GejjalagereMandya	24'Feb to 24' March 2021
2.	BHOJARAJ B J	4PS17EE002		
3.	BHOOMIKA B	4PS17EE003		
4.	CHAITHRA C B	4PS17EE004		
5.	DEEPASHREE R	4PS17EE006		
6.	DIVYA H S	4PS17EE008		
7.	KEERTHANA HS	4PS17EE010		
8.	KUSUMA K S	4PS17EE011		
9.	MOHANKUMARI	4PS17EE015		
10	SAMHITHA K S	4PS17EE020		
11	KEMPARAJU S	4PS18EE404		6 March to 6 May 2021
12	SYED FAIZAN	4PS17EE027	Texas instruments	15'Feb to 16'Jul 2021
13	DEEKSHITHA S	4PS17EE005	KPTCL , Tubinkere, Mandya	22Feb to 21'Mar 2021
14	VARSHITHA B R	4PS17EE029		

15	HARSHITHA.K.N	4PS17EE009		17'Feb to 18"Mar 2021	
16	MEGHANA N S	4PS17EE013			
17	SEVANTHI N	4PS17EE021			
18	SINDHU K R	4PS17EE023			
19	SNEHA C V	4PS17EE024			
20	SUSHMITHA H P	4PS17EE026			
21	VENU K	4PS17EE030			
22	WANDASHISHA L LYNGKHOI	4PS17EE032			
23	SHAZIA SHARIF	4PS17EE408			
24	ANNAPOORNESHWARI J	4PS18EE400			
25	S	4PS18EE415			
26	MAHENDER REDDY	4PS18EE405			
27	PRAGNYA	4PS18EE412			
28	YOGENDRA KS	4PS17EE033			
29	NIRANJAN CM	4PS18EE409	KPTCL ,bidar dist, kolhar ,110/33/11kv		
30	SIDDARAM	4PS18EE414			
31	SUSHMA.N	4PS18EE416			
32	MANJUNATH R	4PS17EE012	Workshop basic training institute, central workshop, Mysore south		25'Feb to 25'Mar 2021
33	MOHAN D S	4PS17EE014	Welspun corp ltd		15'Feb to 20'Mar 2021
34	CHIDANANDA T	4PS18EE401			
35	SACHIN DALAWAI	4PS17EE019	South western Railway work shop, Mysore.		25'Feb to 25'Marc 2021
36	YOGESH	4PS17EE034			
37	KARTHIK C M	4PS18EE403			
38	KARTHIK C M	4PS18EE403			

39	NAVEENA M	4PS18EE407	South western railway workshop	23'Feb to 23'Marc 2021
40	DEVINDRAPPA	4PS18EE402		
41	SANJAY KUMAR R	4PS18EE600	Central workshop , south western railway Mysuru	23'Feb to 23'Marc 2021
42	SINDHU C	4PS17EE022	DK maidana substation	17'Feb to 18Marc 2021
43	SRIHARI GOWDA J	4PS17EE025	Cognizant technology	12''Feb Mar to 12' Jun 2021
44	VISHWAS C V	4PS17EE031		16'Feb to 17'Jun 2021

b. Sponsored Projects

Sl. No.	Project Title	Faculty / Student Name	Name of Sponsored Industry / Research Institute
1	Nil		

c. Industrial Visits

Sl. No.	Name of Industry / Company Research Institute	Date of Visit	Number of Students Participated
1	Nil		

d. Functional Memorandum of Understanding (MoUs)

Sl. No.	Name of Industry / Company Research Institute	Date of Commencement	Duration
1	HarithaTechLogix	25/11/2020	
2	AGIMUS TECHNOLOGY PVT LTD	30/03/2021	

Section – VII : Student Progression

a. Training for Placement

Sl. No.	Name of the Training Course	Semester	No. of Students Participated	No. of Hrs Trained
1	Effective Communication Development (ECD)	I	All Students of 1 st Semester BE	October 2020 to December 2020
2	Professional Communication Development (PCD)	II	All Students of 2 nd Semester BE	March 2021 to May 2021

3	Comprehensive Communication Development (CCD)	III	All Students of 3 rd Semester Diploma	October 2020 to December 2020
4	Aptitude and Reasoning Development BEGINNER(ARDB)	III	All Students of 3 rd Semester BE	March 2021 to May 2021
5	Aptitude and Reasoning Development Intermediate (ARDB)	IV	All Students of 4 th Semester	October 2020 to December 2020
6	Aptitude and Reasoning Development Advanced (ARDB)	V	All Students of 5 th Semester	March 2021 to May 2021
7	Aptitude and Reasoning Development Expert (ARDB)	VI	All Students of 6 th Semester	June 2020 to May 2021
8	Technical Skills	VI	All Students of 6 th Semester	June 2020 to May 2021

b. Placement Details				
Sl. No.	Name of the Company Visited	No. of Students Participated	No. of Students Placed	Package
1.	TEXAS INSTRUMENTS	10	1	14 LPA
2.	DXC TECHNOLOGY	40	3	3.6 LPA
3.	NTT DATA SERVICE	35	2	3.5 LPA
4.	ACCENTURE	40	5	4.5 LPA
5.	BENZ	10	1	5 LPA
6.	MINDTREE	35	4	2.97 LPA
7.	COGNIZANT	35	3	4.5 LPA
8.	CAPGEMINI	30	1	3.8 LPA
9.	L &T	15	1	4 LPA
10.	TCS	40	2	3.36 LPA
11.	INFOSYS	10	2	2.97 LPA
12.	6d Technologies.	15	1	3.5 LPA

c. Higher Education			
Sl. No.	Name of the Student	Name of institution Admitted To	Name of Program admitted To
1	Minugu	PESCE,Mandya	M.Tech

Section – VIII : Activity Conducted / Organized by the Department

a. Technical Event / Workshop for Students

Sl. No.	Name of the Event / Work Shop	Organized under (Department / Association / Profession Chapter / Student Club)	Date of Event	Level (University / State / National/ International)	No. of Participants
1	Nil				

b. FDP / Workshop / STTP/ Conference for faculty

Sl. No.	Name of the Event / Work Shop	Date of Event	Level (University / State / National/ International)	No. f Participants
1	Renewable energy and smart grid: Challenges and scope	24-8-2020 to 28-8-2020	National	50

Section – IX : Achievements

a. Awards and Prizes received by students

Sl. No.	Name of The Student	Achievements / Position / Prize	Event name Details	Organized by
1	Chandini P R	1 st Prize (Fabrication of bio chemical battery for home automation)	Best Project	PESCE
	Harshitha S			
	Jayasurya J			
	Lakshmana K			
2	Ajmal Sharif	2 nd Prize (Automatic solar panel cleaning robot)	Best Project	PESCE
	Akash R P			
	Arshad Ahmed			
	Ifthekar Ahmed			
3	Chaithra C B	1 st Rank	Academics	PESCE
4	Samhitha K S	2 nd Rank	Academics	PESCE
5	Vishwas C V	3 rd Rank	Academics	PESCE

b. Participant of teachers in various activities as members of committees at University level, State level, National level, International level

Sl. No.	Name of Faculty	Members of Committees at University level / State level / International level as
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1	Nil
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c. Details of teachers appointed / Nominated on Editorial Boards / Reviewers		
Sl. No.	Name of Faculty	Name of The Editorial Boards / Conference / Journals
1	Nil	

d. Awards / Prizes and Recognition received by teachers at University, State, National & International Levels		
Sl. No.	Name of Faculty	Name of the Awards
1	Nil	

e. Details of Teachers Participated in FDP, Seminars, Workshops, Conferences at National & International Levels				
Sl. No.	Name of Faculty	FDP, Seminars, Workshops, Conferences	Organized by	Duration
1	Dr.S.Gopiya Naik	Power Electronics Application to Renewable Energy and Energy Storage Systems	Dept. of EEE, NIE, Mysore,	6/07/2020
		Novel Design and control strategies and innovative technical practices in LV/HV modern Switchgear.	Dept. of EEE, SCE	15/07/2020 to 21/07/2020
		Power Electronics Applications to Industrial Systems	Dept. of EE,NIT Silchar (Assam)	7/09/2020 to 11/09/2020
		Energy Audit for Smart Grid Network	Dept of EE, IIT Roorkee	30/11/2020 to 04/12/2020
		Sustainable Energy Technologies: Synthesis of Alternative fuels, Characterization and Molecular Simulation	Dept. of CMI engineering	7/12/2020 to 11/12/2020
2	B N Harish	Electric Power Grid Modernisation: Trends, Challenges and Opportunities	The national institute of engineering,mysore	July 20-24, 2020

		Power Electronic Applications to Renewable energy systems and Energy storage systems	The national institute of engineering,mysore	July 06-10, 2020
		Artificial Intellegene:Theory And Application	Kamalanehru institute of technology	25-29 JULY2020
		Synthesis,Characterization And Application Of Advanced Materials	PESCE	27 TH -31 JAN20220
		Digital Era Of Teaching	DIKSOOCHI,MYSURU	11-13 MAY 2020
		Recent Challenges & Emerging Opportunities In Electric Vehicles	Pragati Engineering College, Peddapuram ,E.G.Dist., A.P	7-12-2020 to 12-12-2020
		Recent Trends In Electric Vehicles	Pragati Engineering College, Peddapuram ,E.G.Dist., A.P	30/11/2020 TO 05/12/2020
		Hybrid Energy Storage Systems-Dpe	Pragati Engineering College, Peddapuram ,E.G.Dist., A.P	24-03-2021 TO 30-03-2021
		Synthesis,Characterization And Application Of Advanced Materials	PESCE	27 TH -31 JAN20220
3	D M Srinivasa	“Concepts, Methods, Challenges and Future directions in Medical image analysis using Machine learning” ,	Dept. Of IT SJCE, Mysore	10/08/2020 to 14/08/2020
		Energy Engineering	Gandhi Institute for Education & Technology,Baniatangi	9//11/2020 to 13/11/20
		Control Systems & Sensors Technology	UVCE,Bangalore	5/10/2020 to 9/10/2020
		Advancements in Electrical Engineering: An academic	National institute of technology, silchar	3/08/2020 to 7/08/2020

		and industrial approach		
		Role of innovation in teaching and Research	Dadi Institute of Engineering and Technology	20/08/2020 to 26/08/2020
		Renewable energy and smart grid: Challenges and scope	PESCE, Mandya	24/08/2020 to 28/08/2020
		Recent Developments in Smart city	SSIT, Tumkur	07/12/2020 to 12/12/2020
		Entrepreneurship and Innovation	SSIT, Tumkur	31/03/2021 to 12/04/2021
4	Sunil Kumar C	Renewable Energy and Smart Grid: Challenges and Scope	PES College of Engineering, Mandya	24/08/2020 to 28/08/2020
		Micro Controller And Analog and Digital Electronics	CMRIT, Bangalore	20/07/2020 to 25/07/2020
		Control Systems & Sensors Technology	ALL INDIA COUNCIL FOR TECHNICAL EDUCATION, New delhi	5/10/2020 to 9/10/2020
		Recent Trends and Emerging Technologies in Solar and Wind Energy Conversion Systems	J.N.N College of Engineering, Shivamogga	10/058/2020 to 14/08/2020
		Contemporary Scenario in Power Systems	ATME College of Engineering, Mysuru	25/07/2020 to 30/07/2020
		Modern Trends in Optimization Techniques a power quality and Reliability approach	ISLE and IQAC Cell	17/07/2020 to 19/07/2020
		Advances in Power Electronic Applications	BMS Institute of Technology and Management, Bengaluru	4/08/2020 to 8/08/2020
		Electric vehicles: Evolution, Integratio	Srikrishna College of Technology, Kovaipudur	19/10/2020 to

		n and Challenges-seies:01	,Coimbatore	24/10/2020
5	H C Manohara	Power Electronic Applications to Renewable energy systems and Energy storage systems	NIE, Mysore online certificate	05/07/2020 To 10/07/2020
		Electric Power Grid Modernisation: Trends, Challenges and Opportunities	NIE, Mysore online certificate	20/07/2020 to 24/07/2020
		Contemporary Scenario in Power Systems	ATME, Mysore	25/07/2020 to 30/07/2020
		Novel Design & Control Strategies and Innovative Technical Practice in LV/HV Modern Switchgear	Saranathan College of Engineering, Tamil Nadu online certificate	15/07/2020 To 21/07/2020
		“Concepts, Methods, Challenges and Future directions in Medical image analysis using Machine learning” ,	Dept. Of IT SJCE, Mysore	10/08/2020 to 14/08/2020
		Renewable Energy and Smart Grid Challenges and Scope	Dept. of EE, PESCE, Mandya	24/08/2020 To 28/08/2020
		Fabrication Of Electronic Devices Using Nanomaterials	Dept. of E&C SJCE, Mysore	24/08/2020 to 4/09/2020
		Control Systems & Sensors Technology	UVCE,Bangalore	5/10/2020 to 9/10/2020
		Electric Vehicle: Evolution, Integration,and challenges	Sri Krishna College of Technology,Coimbatore	19/10/2020 to 24/10/2020

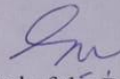
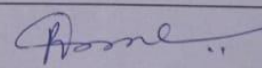
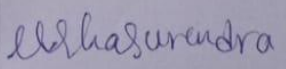
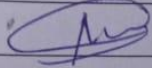
		Energy Engineering	Gandhi Institute for Education & Technology, Baniatangi	9/11/2020 to 13/11/20
		Recent trends in Electric Vehicle	Pragati Eng.College	30/11/2020 to 05/12/2020
		“Recent Challenges & emerging Opportunities in Electric Vehicles”	Pragati Eng.College	07/12/2020 to 12/12/2020
		Smart City :Recent Development in Smart City	SSIT, Tumkur	07/12/2020 to 12/12/2020
		Solar Collector	IIT, Guwahati	14/12/2020 to 18/12/2020
		Professional Development Training	Indian Institute of Management, Raipur	21/12/2020 to 23/12/2020
		Behavioral Re modelling for Enhancing Delivery of Teachers	DR. AIT, Bangalore	22/02/2010 To 27/02/2021
		Electrical Paradigm Shift to Cyber Physical Systems and Contemporary Research in Electrical and Electronics Engineering	Saranath College of Engg.	03/05/2021 To 15/05/2021
6	K M Mahesh Kumar	Renewable energy and smart grid: Challenges and scope	PESCE, Mandya	24/08/2020 to 28/08/2020
		Power Electronic Applications to Renewable energy systems and Energy storage systems	NIE, Mysore online mode	06/07/2020 To 10/07/2020

	Electric Power Grid Modernisation: Trends, Challenges and Opportunities	NIE, Mysore online mode	20/07/2020 to 24/07/2020
	Contemporary Scenario in Power Systems	ATME College of Engineering, Mysuru	25/07/2020 to 30/07/2020
	Control Systems & Sensors Technology	UVCE, Bangalore online mode	5/10/2020 to 9/10/2020
	Smart City: Recent Developments in Smart City (SMART-2020)	Sri Siddhartha Institute of Technology, Tumakuru	23/11/2020 to 28/11/2020
	Essential Skills and Technologies for Quality Research	Online mode PESCE, Mandya	30/03/2021 to 03/04/2021
	Electrical Paradigm Shift to Cyber Physical Systems and Contemporary Research in Electrical and Electronics Engineering	Online mode Saranathan College of Engineering, Tiruchirapalli, Tamil Nadu	03.05.2021 to 15.05.2021
	Developing Effective Research Skills	Online mode PESCE, Mandya	09/08/2021 to 13/08/2021
	Control Systems & Sensors Technology	UVCE, Bangalore online mode	5/10/2020 to 9/10/2020
	Smart City: Recent Developments in Smart City (SMART-2020)	Sri Siddhartha Institute of Technology, Tumakuru	23/11/2020 to 28/11/2020
	Electrical Paradigm Shift to Cyber Physical Systems and Contemporary Research in Electrical and Electronics Engineering	Online mode Saranathan College of Engineering, Tiruchirapalli, Tamil Nadu	03.05.2021 to 15.05.2021
	Developing Effective Research Skills	Online mode PESCE, Mandya	09/08/2021 to 13/08/2021

7	Lokesh T R	Renewable energy and smart grid: Challenges and scope	PESCE, Mandya	24/08/2020 to 28/08/2020
		Electrical switchgear and its applications	GSSSIT, Mysuru	4/07/2020
		Research opportunities in Electrical and Electronics Engineering	MVJ College of Engineering, bengaluru	31/03/2021 to 5/05/2021
		Electric Power grid Modernization: Trends, challenges and opportunities	NIE, Mysuru	20/07/2020 to 24/07/2020
8	Srinath M S	Electrical switchgear and its applications	GSSSIT, Mysuru	4/07/2020
		Power Electronic Applications to Renewable energy systems and Energy storage systems	THE NATIONAL INSTITUTE OF ENGINEERING, MYSORE	6/7/2020 to 10/07/2020
		Modern Trends in Optimization Techniques a power quality and Reliability approach	GSSSIT, Mysuru	17/07/2020 to 19/07/2020
		Electric Power grid Modernization: Trends, challenges and opportunities	NIE, Mysuru	20/07/2020 to 24/07/2020
		Advanced Antenna design and development for RF Communication	IETE, Bengaluru	20/07/2020 to 25/07/2020
		“Concepts, Methods, Challenges and Future directions in Medical image analysis using Machine learning” ,	Dept. Of IT SJCE, Mysore	10/08/2020 to 14/08/2020
		Renewable energy and smart grid: Challenges and scope	PESCE, Mandya	24/08/2020 to 28/08/2020
9	Anusha M K	Modern Trends in Optimization Techniques a power quality and Reliability	GSSSIT, Mysuru	17/07/2020 to 19/07/2020

		approach		
		Renewable energy and smart grid: Challenges and scope	PESCE, Mandya	24/08/2020 to 28/08/2020
		Importance of electromagnetic compatibility in electronic product design	Oxford College of Engineering	10/08/2020
		Electric Power grid Modernization: Trends, challenges and opportunities	NIE, Mysuru	20/07/2020 to 24/07/2020
		Power Electronic Applications to Renewable energy systems and Energy storage systems	THE NATIONAL INSTITUTE OF ENGINEERING, MYSORE	6/7/2020 to 10/07/2020
		Electrical switchgear and its applications	GSSSIT, Mysuru	4/07/2020
		Trends and challenges of sensors in automotive applications	Oxford College of Engineering	1/08/2020
		Power Electronic Applications to Renewable energy systems and Energy storage systems	THE NATIONAL INSTITUTE OF ENGINEERING, MYSORE	6/7/2020 to 10/07/2020
		Electrical switchgear and its applications	GSSSIT, Mysuru	4/07/2020
11	Sukanya H N	Electrical switchgear and its applications	GSSSIT, Mysuru	4/07/2020
		Renewable energy and smart grid: Challenges and scope	PESCE, Mandya	24/08/2020 to 28/08/2020
		Power Electronic Applications to Renewable energy systems and Energy storage systems	THE NATIONAL INSTITUTE OF ENGINEERING, MYSORE	6/7/2020 to 10/07/2020
		Electric Power grid Modernization: Trends,	NIE, Mysuru	20/07/2020 to

	challenges and opportunities		24/07/2020
	Electric vehicle-The future of Transportation	VVCE,Mysuru	18/09/2020
	Modern Trends in Optimization Techniques a power quality and Reliability approach	GSSSIT,Mysuru	17/07/2020 to 19/07/2020

Declaration by HoD of the Department:			
Date of Audit:			
Declaration: I am aware that the above information provided by the department will be validated by the AAA committee during the visit.			
Date: 8/11/21		 Head of the Department Professor And Head (Signature with Seal) Department of Electrical and Electronic Engineering P.E.S. College of Engineering Mandya-571 401	
Recommendations of Evaluation Expert Committee:			
1. Conducit more hands on workshop of students 2. Improve the publication of Journals by the students 3. Industrial visit to be arranged 4. Students are encouraged for NPTEL course registration. 5.			
Sl. No.	Name of the Expert	Designation & Address	Signature
1	Dr. R M Mahalinge Gowda	Principal, PESCE, Mandya	
2	Dr. Usha Surendra	Professor, Dept of E&EE, Christ deemed to be university, Banglore	
3	Dr. N M Mahesh Gowda	Associate Professor,	

		Dept of ECE, PESCE, Mandya	
4	Dr. S S Pathasarthy	Professor, Dept of E&EE, PESCE, Mandya	<i>Dr. SSP</i>

Professor and Head
Department of Electrical and Electronic
P.E.S. College of Engineering
Mandya-571 002