



BHARATI VIDYAPEETH'S

COLLEGE OF ENGINEERING FOR WOMEN

(Recognised by AICTE, New Delhi, DTE Mumbai & Affiliated to Savitribai Phule Pune University)

● Id No. : PU/PN/Engg./150/2000

● DTE College Code : EN6285

: Founder :

Hon. Dr. Patangrao Kadam

M.A., LL.B., Ph.D.

: Principal :

Prof.(Dr.) H.V. Vankudre

Ph.D.(Mech. Engg.) IIT Bombay

LMISTE, LMSMFRA

Ref. No. : BV / COEW / 450 / 2017/18

Date : 08/08/2017.

To,
The Deputy Registrar,
Planning Development,
Savitribai Phule Pune University,
Pune -411007.

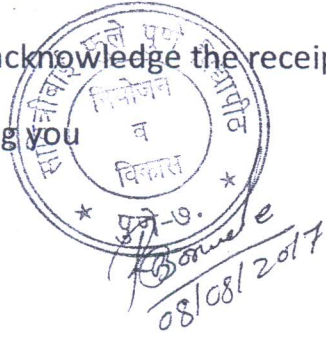
Sub:- Annual Report for the academic year 2016-2017

Sir,

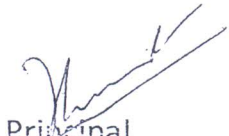
Please find enclosed herewith Annual Report for the academic year 2016-2017 of this College. Data is filled online and submitted to Savitribai Phule Pune University website.

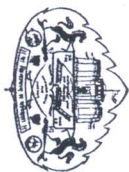
Please acknowledge the receipt.

Thanking you



Yours faithfully


Principal
PRINCIPAL
Bharati Vidyapeeth's
College of Engineering for Women
Katraj, Dhankawadi, Pune-43



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College Details

1.	Name Of the Department/College/Institute	: Bharati Vidyapeeth Bharati Vidyapeeth Mahila Abhiyantriki Mahavidyalay Addr: Pune-Satara Road Dhanakawadi, Pune-411043 Ta: Pune (corporation Area) Dist: Pune	2.	Address Of the Department/College/Institute	: Pune-Satara Road Dhanakawadi, Pune-411043 Ta: Pune (corporation Area) Dist: PunePincode: 411043
3.	Name Of the Head/Principal/Director	: Harish Vasantrao Vankudre	4.	Tele (O/R) With STD Code/Mobile No., Fax No, Email Address and Website Address	: Tele.- 020-2437168-1 Email- coewpune@bharatvidyapeeth.edu URL- http://coewpune.bharatvidyapeeth.edu

5. Reference Books/Monographs Published by Teacher (2016-2017):

Sr. No.	Name of the Teacher(s)/Author	Title of the Reference Books/Monographs	Name and Place of Publisher(s)	Date of Publication	Isbn/Issn No.
1	Milkari Santosh Rameshwar	APPLIED MATHEMATICS-I	TECH-MAX	2016	978-93-5224-329-7/
2	Milkari Santosh Rameshwar	APPLIED MATHEMATICS-I	TECH-MAX	2016	978-93-5224-269-6/
3	Milkari Santosh Rameshwar	ENGINEERING MATHEMATICS-I	TECH-MAX	2016	978-93-5224-287-0/
4	Pawar Avinash Manohar	ENGINEERING GRAPHICS- I	NIRALI PRAKASHAN	2017	ISBN 938670087-5/

6. No. of Conference, Symposia, Seminars, Workshops etc. Organized (2016-2017)

Sr. No.	No. of State Level	No. of National Level	No. of International Level
1	2	0	0

7. Research Publications in National and International Journals/Edited Books/Proceedings (2016-2017)

Sr. No.	Name of the Teacher's/Author	Title of the Paper	Name of the Journal/Proceeding/Edited Book	Volume & Pages	Year of Publication	ISBN/ISSN No.
1	Salunkhe Shweta Sadanand	Online signature recognition system based on artificial Neural Network.	International journal for research in Engineering Application & Management	02 & 6	2017	--/2454-9150
2	Chorage Suvama Sandip	High Speed AES Algorithm to Detect Fault Injection Attacks and Implementation using FPGA	Global Journal of Computer Science and Technology for Information & Technology	17 & 6	2017	0975-4172 / 0975-4172



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3	Chorage Suvarna Sandip	Automatic Water Saving Irrigation System using GSM Modem	International Journal of Engineering Science and Computing	7 & 3	2017	2250-1371 / 2250-1371
4	Chorage Suvarna Sandip	A Review on Extraction of Fundus Image to Detect Diabetic Retinopathy	Global Journal of Computer Science and Technology for Graphics & Vision,	16 & 5	2016	0975-4172 / 0975-4172
5	Chorage Suvarna Sandip	Self Powered Sensor Based Environmental Bridge Condition Monitoring System Using GSM	International Journal Of Engineering And Computer Science	4 & 3	2016	2319-7242 / 2319-7242
6	Chorage Suvarna Sandip	Differential Transformer Based Design of Bandpass Filter for 1.8 GHz	International Journal of Wireless Networks and Communicatios	8 & 6	2016	0975-6507 / 0975-6507
7	Chorage Suvarna S. Bade Vandana L.	Impact on Wave Propagation in Underground to Above Ground Communication Through Soil For UWB Buried Antenna at 3.5 GHz	Journal of Innovation in Computer Science and Engineering	vol 4, Vol 5 & 6	2016	ISSN 2278-0947 / ISSN 2278-0947
8	Chorage Suvarna Sandip	Design and Performance Analysis of 1:6 Power Divider for L - Band Frequency	International Journal of Wireless Networks and Communications	8 & 6	2016	0975-6507 / 0975-6507
9	Chorage Suvarna Sandip	Unmanned Ground Vehicle	International Journal of Advanced Engineering, Management and Science	2 & 4	2016	2454-1311 / 2454-1311
10	Sapkal Roshnadevi Jaising	Automatic Gadget Charger using Matlab and Solar Panel	International Journal of Electronics and Communication Engineering	4 & 3	2017	- / 2348 - 8549
11	Sapkal Roshnadevi Jaising	Wireless Power Transmission through Invisible Laser	International Journal for Scientific Research & Development	4 & 2	2016	2321 - 0613 / 2321 - 0613
12	Sapkal Roshnadevi Jaising	Object Sorting by Robotic Arm Using Image Processing	Inte national Research Journal of Engineering and Tec hnology (IRJET)	3 & 5	2016	2395 - 0056 / 2395 - 0072
13	Zope Urmila Sanjay	DESIGN AND MANUFACTURING PROCESS OF SMALL SCALE WATER TURBINE BY USING RPRT FOR ENERGY HARVESTING	IRJET	3 & 4/52	2017	00000000 / ISSN: 2454-7875



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14	PATIL S R	VEHICLE TO VEHICLE COMMUNICATION SYSTEM FOR SMART CITIES	IJAEMS	2 & 5	2016	NA / 2454-1133
15	Patil Sandip Raosaheb	SMS Communication System for Blind people	International Journal for Research in Engineering Application & Management	3 & 5	2017	-- / 2454-9150
16	Kasar Mahavir Shantinath	Amphibian Robot	IJSRD - International Journal for Scientific Research & Development	4 & 2	2016	NIL / 2321-0613
17	Kasar Mahavir Shantinath	Smart Speaking Glove-Virtual tongue for Deaf and Dumb	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	5 & 7	2016	NIL / 2278-8875
18	Kasar Mahavir Shantinath	FPGA IMPLEMENTATION OF 8-BIT PARALLEL CYCLIC REDUNDANCY CODE	International Education and Research Journal (IERJ)	3 & 2	2017	NIL / 2454-9916
19	Kasar Mahavir Shantinath	AUTOMATIC LPG GAS BOOKING AND DETECTION SYSTEM	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE)	5 & 5	2016	NIL / 2278-8875
20	KASAR MAHAVIR SHANTINATH	BLACK BAX FOR VEHICLE	International Journal for Research in Engineering Application & Management (IJREAM)	3 & 4	2017	NIL / 2454-9150
21	Itkarkar Savita Atul	Electrical Appliances & Control by Wi-Fi and Laptop	International Research Journal of Engineering and Technology	4 & 4	2017	-- / 2395-0056
22	Itkarkar Savita Atul	Person Follower Robot	International Journal for Research in engineering Application & Management	2 & 3	2017	-- / 2454-9150
23	Gaikwad Varsha Vijay	Analysis of Attacks on Video Watermarking	International Journal of Advanced Research in Electronics and communication Engineering	6 & 3	2017	-- / 2278-909X
24	Gaikwad Varsha Vijay	Analysis of Attacks on Video Watermarking	SSRG International Journal Of Electronics and Communication Engineering	5 & 3	2017	-- / 2348-8549
25	Dhumal Y R	International Journal for Scientific Research and Development)	ijisd	3 & 2	2016	- / 2321-0631

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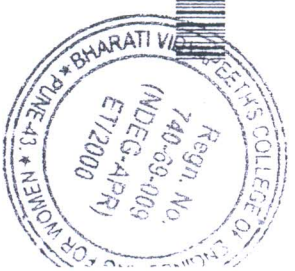


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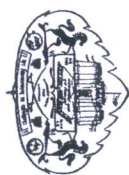
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26	Dhumal y r	BLOCKAGE ANALYSIS AND DETECTION IN CT ANGIOGRAPHY USING IMAGE PROCESSING	International Journal of Engineering Research	6 & 2	2017	- / 2319 - 6890
27	Dhumal Yashomati Ram	The Human Identification System using Geometrical Feature Extraction of Ear.	IJARCSSE	6 & 3	2016	-- / 2278-8875
28	Dhumal Yashomati Ram	Android based smart car parking system	ijareeie	5 & 4	2016	-- / 2278-8875
29	Vitekar Atul Bapuso	SPEAKER TESTING AND NOISE REMOVAL	IJRET	4 & 3261	2017	0 / 2395 -0056
30	Vitekar Atul Bapuso	Solar Based smart charging system	IJESC	6 & 4572	2016	0 / 2321 3361
31	Vitekar Atul Bapuso	Automated Oxygen level and blood pressure sensing using embedded system	IJRCE	5 & 522	2016	0 / 2278-1021
32	Vitekar Atul Bapuso	WIRELESS HOME AUTOMATION USING WIFI ENABLE SWITCH AND MOBILE	IJREAM	3 & 11	2017	0 / 2454-9150
33	Vitekar Atul Bapuso	A smart irrigation system for agriculture based on wireless sensors	IJRST	5 & 6893	2016	0 / 2319-8753
34	Patil Sandip Raosahab	MULTITASKING SMART CAR CONTROL USING VOICE COMMANDS	INTERNATIONAL JOURNAL OF ENGINEERING SCIENCE AND COMPUTING	7 & 3	2017	-- / 2250-1371
35	Dhole sampada Abhijit	Multi-biometric Fake Detection System using Image Quality based Liveness Detection	International Journal of Advanced Engineering, Management and Science	2 & 1686	2016	2454-1311 / 2454-1311
36	Dhole Sampada Abhijit	Solid wastage and street light management system	International journal for research in engineering application & management	2 & 72	2017	2454-9150 / 2454-9150
37	Dhole Sampada Abhijit	Review of leaf unhealthy region detection using image processing techniques	Bulletin of Electrical engineering and informatics	5 & 466	2016	2089-3191 / 2089-3191
38	Dhole sampada Abhijit	ATM security using Face recognition and OTP	International Journal of Engineering Research	5 & 61	2017	2321-7758 / 2321-7758



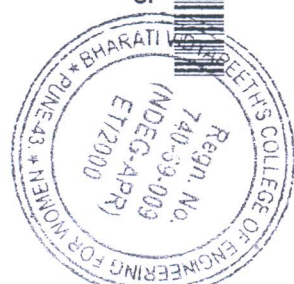
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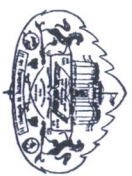
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52	Karimbekar Varsha Shashikant	Intelligent bus system using RFID, ZIGBEE and GPRS	International Research Journal of Engineering and Technology	4 & 3	2017	--/2395-0056
53	Bhilegaonkar Sanjay Mukundrao	Defected Ground Structure for Hybrid Rings using Rectangular and Dumbbell Shaped Patches	International Journal for Scientific Research & Development	4 & 1308	2016	---/2321-0613
54	Bhilegaonkar Sanjay Mukundrao	PCB Analysis by Automatic Visual Inspection using Image Processing	International Journal of Engineering Science and Computing	4 & 697	2016	--/2321-0613
55	Bhilegaonkar Sanjay Mukundrao	Circularly Polarized Asymmetric Patch Antenna for Wireless Applications	International Journal of Engineering Science and Computing	6 & 4330	2016	--/2250-1371
56	Bhilegaonkar Sanjay Mukundrao	Monopole Antenna using Switchable PIN Diode for WLAN Application	International Journal of Engineering Science and Computing	07 & 10413	2017	--/2321-3361
57	Bhilegaonkar Sanjay Mukundrao	Design And Analysis of Active Integrated Antenna (AIA) for WLAN Applications	International Research Journal of Engineering and Technology (IRJET)	04 & 1	2017	2395-0056 / 2395-0072
58	Kore Sharada Laxman	Writer Verification Using Spatial Domain Features under Different Ink Width Conditions	ICSE	10 & 11	2016	- / http://dx.doi.org/10.5626/ICSE.2016.10.2.3
59	Mahajan Kanchan Deepak	Three Layered Security System for Bank	SSRG International Journal Of Electrical and Electronics Engineering (SSRG-IJEEE)	4 & 286	2017	Nil / 2348-8379
60	Mahajan Kanchan Deepak	Automatic Energy Meter Billing System with Theft Detection	International Research Journal Of Engineering and Technology	3 & 237	2016	Nil / 2395-0056
61	Mahajan Kanchan Deepak	Traffic Sign Detection and Recognition for Smart Cars	International Journal for Scientific Research & Development	4 & 1531	2016	Nil / 2321-0613
62	Chavan Nayana Nimad	Assessment of reservoir sedimentation of Panshet reservoir by Hybrid method	International Journal of Pure and Applied research in engineering and technology	4 & 7	2016	2319-507X / 2319-507X

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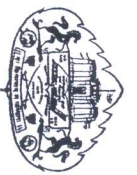
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63	Pawar Vijaya Rahul	EEG based detection of Alzheimer disease and monitoring of Alzheimer patient	International Research Journal of Engineering and Technology	3 & 4	2016	2395-0072 / 2395-0072
64	Jagdale Sumati Manoj	Implementation of input Oriented Dynamic Voltage and Frequency Scaling for Multiplier onPPGA	International Journal of Advanced Engineering, Management and Science	2 & 4	2016	- / 2454-1311
65	Jagdale Sumati Manoj	Recognition of surgically altered face images	International Research Journal of Engineering and Technology.	4 & 5	2017	- / 2395-0072
66	Jagdale Sumati Manoj	Comparative study of different techniques in speaker Recognition: Review	International Journal of advanced Engineering, Management and Science	3 & 4	2017	- / 2454-1311
67	Mulik Vinod Prakash	Detection of Defects on Steel Surfaces using Machine Learning Techniques	International Journal For Research in Engineering Application and Management Journal	4 & 2526	2017	na / 2454 - 9150
68	Mulik Vinod Prakash	Segway Transporter	International Journal of Emerging Science and Engineering	4 & 26	2017	na / 2319-6378
69	MULIK VINOD PRAKASH	ANALYSIS OF ACUTE LYMPHOBLASTIC LEUKEMIA CELL USING DIGITAL IMAGE PROCESSING	IJSRD	4 & 7072	2016	NA / 2321-0613
70	MULIK VINOD PRAKASH	ENHANCEMENT OF OLD DEGRADED DOCUMENTS USING PHASE BINARIZATION BY DIP TECHNIQUE	IJESC	6 & 42254527	2016	NA / 2321 3361
71	MULIK VINOD PRAKASH	REAL TIME EYE GAZE CONTROLLED HUMAN COMPUTER INTERFACE FOR PARALYZED PEOPLE	IJSRD	4 & 11951196	2016	NA / 2321-0613
72	Khot Sucheta Tirtharaj	Image processing tools used for detection of diseases on pomegranate fruit	IJSRD(International journalfor scientific research & development)	4 & 3	2016	23210613 / 23210613
73	Khot Sucheta Tirtharaj	Smart approach for public transport	IJAEMS(International journal of advanced Engineering, Management and Science	2 & 4	2016	2454-1311 / 2454-1311

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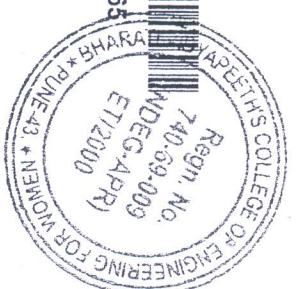
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74	Pawar Vijaya Rahul	Alzheimer disease detection and tracking of Alzheimer patient	2016 International Conference on Inventive Computation Technologies (ICICT)	4	2017	978-1-5090-1286-2 / 978-1-5090-1286-2
75	Pawar Vijaya Rahul	Alzheimer disease detection and tracking of Alzheimer patient	2016 International Conference on Inventive Computation Technologies (ICICT)	4	2017	978-1-5090-1286-2 / 978-1-5090-1286-2
76	Pawar Vijaya Rahul	Water parameter analysis for industrial application using IoT	2016 2nd International Conference on Applied and Theoretical Computing and Communication Technology (ICATCT)	4	2017	978-1-5090-2398-1 / 978-1-5090-2398-1
77	Jagdale Sumati Manoj	Speech Control pick and place robotic arm with flexiforce sensor	International Conference on Inventive Computation Technologies	5	2016	978-1-5090-1285-5 / -
78	Jagdale Sumati Manoj	An efficient voltage and frequency division method for multiprecision multiplier on FPGA	International Conference on Inventive Computation Technologies	6	2016	978-1-5090-1285-5 / -
79	Jagdale Sumati Manoj	Automatic fruit quality inspection system	International Conference on Inventive Computation Technologies	4	2016	978-1-5090-1285-5 / -
80	Chorage Suvarna S.	Efficient Data Coding Schemes to reduce Power consumption in NoC	International Conference on Electronics, Communication and Aerospace Technology (ICECA 2017)	4	2017	40510 / 40510
81	Chorage Suvarna Sandip	Intelligent Car Parking System	IEEE sponsored 18th International Conference on Inventive Computation Technologies (ICICT 2016)	4	2016	10.1109/INVENTIVE.2016.7830244 / 10.1109/INVENTIVE.2016.7830244
82	Chorage Suvarna Sandip	Design of Compact wide band Transmit/Receive Patch Antenna Pair for WUSN Application	3rd International Conference on Innovations in Information, Embedded and Communication System 2016	5	2016	978-1-4673-8208-3 / 978-1-4673-8208-3
83	Patil Sandip Raosaheb	Dynamic trajectory planning for mobile robot intercepting a moving target using Bezier curve	TECHSYM-IITKARAGPUR	5	2016	978-1-5090-5163-2 / --

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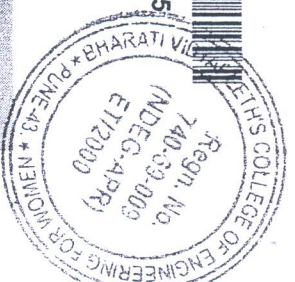


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8. Research Projects/Schemes Undertaken by Teachers (2016-2017)

Sr. No.	Name of the Investigator(s)	Faculty	Title of the Research Project/Scheme	Name of the Funding Agency	Duration of the Project/Scheme	Amount Sanctioned (Rs.)	Major/Minor
NA	NA	NA	NA	NA	NA	NA	NA

9. Teachers Attended Conferences, Seminars, Symposia, Workshops etc. (2016-2017)

Sr. No.	No. of Teachers Attended State Level	No. of Teachers Attended National Level	No. of Teachers Attended International Level
1	13	3	0

10. No. of Collaboration with International Institute/Colleges/University Department during the Year (2016-2017)

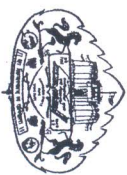
Sr. No.	MoU	Exchange Program	Exchange of Teachers	Franchise
1	3	0	0	0

11. Grants Sanction for Funding Agency (2016-2017)

Sr. No.	UGC	DST/DBT/B.Voc.	CE/CPE	S.P. Pune University	Any Other
1	NA	NA	NA	NA	NA

12. Faculty Wise Enrollment Of Students (2016-2017)

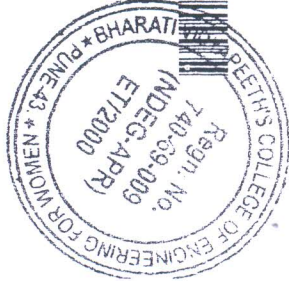
Faculty	Sex	Open	Sc	ST	DT(A)	NT	NT(B)	NT(C)	NT(D)	OBC	SBC	Physically Challenged	Total
Engineering	FEMALE	120	12	1	2	0	4	7	3	35	4	0	188
	TOTAL	120	12	1	2	0	4	7	3	35	4	0	188



Savitribai Phule Pune University
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13. Statistical Information about Teacher for Academic Year (2016-2017)

Sr.No.	Category	Granted			Non Granted		
		Male	Female	Total	Male	Female	Total
1	NT(C)	0	0	0	1	1	2
2	OBC	1	0	1	0	5	5
3	OPEN	1	4	5	7	16	23
4	SC	0	0	0	2	0	2
5	ST	0	1	1	0	0	0
	Total	2	5	7	10	22	32

Date :

Place :

Signature

HOD/Principal/Director

PRINCIPAL

Bharati Vidyapeeth's
College of Engineering for Women
Katraj, Dhankawadi, Pune-43

8/8/2017 2:34 PM