



SHAHAJIRAO PATIL VIKAS PRATISHTHAN
S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

ACA – R-77	Departmental Annual progress report	Academic Year: 2017-18
Rev : 00		Semester: I / II
Date: 01.07.2014		

Ref: SPVP/SBPCOE/E&TC/2017-18/F21/02

Date:25/7/2017

To,
The Principal,
SBPCOE,
Indapur.

Subject: Submission of departmental annual progress report

R/sir,

With reference to above subject we are submitting herewith our departmental annual progress report.

A. Strength of Class

Sr. No.	Class	Strength of Class
1	SE ENTC	21
2	TE ENTC	29
3	BE ENTC	61

B: S. E. E&TC RESULT ANALYSIS 2016-17

Subject	SAS	EDC	ECM	DSA	DE	IC	CS	AC	OOP	MIH
PP/PR/TW/OR	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP
Total Marks	100	100	100	100	100	100	100	100	100	100
Min. Marks	40	40	40	40	40	40	40	20	40	40
Total No of student	20	20	20	20	20	20	20	20	20	20
Student Appeared	20	20	20	20	20	20	20	20	20	20
Student Absent	0	0	0	0	0	0	0	0	0	0
Student failed	8	1	0	2	4	5	7	4	10	9
student pass	12	19	20	18	16	15	13	16	10	11
Subject wise % result	60	95	100	90	80	75	65	80	50	55
66 % and above Distinction	2	3	0	1	2	3	2	16	10	11
60% and above First Class	2	3	1	1	1	0	3	0	0	0
55% and above Higher Sec. Class	1	2	1	4	1	4	2	0	0	0
50% and above Sec. Class	3	5	4	3	5	3	2	0	0	0
40% and above pass class	4	6	14	9	7	5	4	0	0	0



SHAHAJIRAO PATIL VIKAS PRATISHTHAN
S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

Department Topper List

Rankers	Name of Students	%
1	BHONGALE ARATI SHARAD	75.73
2	MADANE SHRINIVAS SHIVAJI	66.85
3	DIRGULE VIDYA BIBHISHAN	64.95

All clear students %	25.00
% result with ATKT	35.00
% overall RESULT WITH ATKT	60.00

T. E. E&TC RESULT ANALYSIS 2016-17

Subjectwise Result

Subject	DC	DSP	MCA	ETL	SPOS	ATW	EP	IM	PE
PP/PR/TW/OR	PP	PP	PP	PP	PP	PP	PP	PP	PP
Total Marks	100	100	100	100	100	100	100	100	100
Min. Marks	40	40	40	40	40	40	40	40	40
Total No of student	29	29	29	29	29	29	29	29	29
Student Appeared	29	29	29	29	29	29	29	29	29
Student Absent	0	0	0	0	0	0	0	0	0
Student failed	6	2	7	5	1	14	0	2	3
student pass	23	27	22	24	28	15	29	27	26
Subject wise % result	79	93	76	83	97	52	100	93	90
66 % and above Distinction	4	11	2	3	7	0	7	7	13
60% and above First Class	0	4	2	5	6	0	7	3	3
55% and above Higher Sec. Class	6	5	1	3	7	2	5	10	3
50% and above Sec. Class	1	1	5	6	4	2	3	4	5
40% and above pass class	12	6	12	7	4	11	7	3	2

Department Topper List

Rankers	Name of Students	%
1	KOKATE SONALI MOHAN	75.40
2	GHAYAL NAMRATA BHAUSO	73.93
3	DHARURKAR AISHWARYA RAJENDRA	73.46



SHAHAJIRAO PATIL VIKAS PRATISHTHAN
S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

All clear students %	37.93
% result with ATKT	44.8276
% overall RESULT WITH ATKT	82.76

B. E. E&TC RESULT ANALYSIS 2016-17

Subject	VLSI	CN	MWE	ESRTOS/DIP	EPD	MC	BCS	SC/Sp	WN/BM
PP/PR/TW/OR	PP	PP	PP	PP	PP	PP	PP	PP	PP
Total Marks	100	100	100	100	100	100	100	100	100
Min. Marks	40	40	40	40	40	40	40	40	40
Total No of student	60	60	60	60	60	60	60	60	60
Student Appeared	59	59	59	59	58	59	59	58	58
Student Absent	1	1	1	1	2	1	1	2	2
Student failed	0	4	4	3	1	2	0	3	0
student pass	59	55	55	56	57	57	59	55	58
Subject wise % result	100	93	93	95	98	97	100	95	100
66 % and above Distinction	14	2	1	8	17	1	22	21	50
60% and above First Class	15	4	3	12	15	10	17	12	4
55% and above Higher Sec. Class	15	9	17	12	14	10	11	7	2
50% and above Sec. Class	8	10	9	12	6	11	5	5	2
40% and above pass class	7	29	25	12	5	25	4	11	0

Department Topper List

Rankers	Name of Students	%
1	MOTE KOMAL RAJENDRA	77.13
2	PAWAR PUNAM SADASHIV	75.87
3	SHENDE YOGITA RAMESH	75.33

66 % and above Distinction	41
60% and above First Class	14
55% and above Higher Sec. Class	3
50% and above Sec. Class	1
40% and above Pass class	0
Passing Percentage (overall)	81.67



SHAHAJIRAO PATIL VIKAS PRATISHTHAN
S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

Organized Workshop/Seminar/ Guest Lecture of Department:-

Sr. No.	Name of Event	Event organized for	Guest/expert	Date	Coordinator
1	One day workshop on introduction to firebird V robot	Department Faculty	Prof. P. R. Taware Prof. R. S. Pisal	11/11/2016	Prof. M. M. Zade
2	Expert lecture on VLSI design & Technology	BE -E&TC Students	Mr. Navnath Chikhale	30/07/2016	Prof. M. M. Zade
3	Expert lecture on Digital Signal Processing	TE -E&TC Students	Prof. Uday P. Mithapelli	19/09/2016	Prof. M. M. Zade
4	Expert lecture on Computer Network	BE -E&TC Students	Prof. Suraj P. Patil	19/09/2016	Prof. M. M. Zade
5	Expert lecture on Electromagnetic and Transmission line	TE -E&TC Students	Prof. Suraj P. Patil	20/09/2016	Prof. M. M. Zade
6	Expert lecture on Digital Image Processing	BE -E&TC Students	Prof. Uday P. Mithapelli	20/09/2016	Prof. M. M. Zade
7	National level technical event "TECHNORISE 17"	All Diploma and Degree students	Mr. Nikhil Giri Business Development Officer Sofcon India Pvt. Ltd, Pune	23 March 2017	Prof.A.S.Zadbuke Prof.P.S.Togrikar

C. Workshop/ Seminar/STTP/Conference attended by Faculty Members:-

- Prof.A.S.Zadbuke attended three days FDP on "Internet Of Things Security" at SITS Narhe during 23-25 March 2017



- Prof.P.S.Togrikar & Prof.A.S.zadbuke organized the National level Technical Event “Techno rise 2K17” in S B Patil College of Engineering Indapur on dated 22th March 2017.
- Prof. P.R Taware had attended two days e-Yantra Symposium conducted on 7th to 8th April. 2017 organized by IIT, Bombay.
- Prof. P.R Taware had participated in one week National level Faculty Development Program on “Real Time Protocol Implementation in WSN using NS-3” conducted on 22nd to 26th May. 2017 organized by SIT,Lonavala.
- Prof.C.V.Nalawade attended STTP on “CMOS, Mixed Signal & Radio Frequency VLSI design” at S.B.patil COE organised by IIT Kharagpur during 30th Jan to 4th Feb, 2017
- Prof.C.V.Nalawade attended Two Days State Level Workshop on Optimization Techniques for Engineering Applications on dated 23, 24 December 2016 sponsored by BCUD, Savitribai Phule Pune University, Pune.
- Prof.R.S. Pisal had attended STTP on “CMOS, MIXed Signal & Radio Frequency VLSI design” at S.B.patil COE organised by IIT Kharagpur during 30th Jan to 4th Feb, 2017
- Prof.R.S. Pisal attended Two Days State Level Workshop on Optimization Techniques for Engineering Applications on dated 23, 24 December 2016 sponsored by BCUD, Savitribai Phule Pune University, Pune.
- Prof.N.M.Gaikwad attended one week ISTE Workshop on “CMOS, Mixed Signal and Radio Frequency VLSI Design” at S B Patil COE, Indapur during 30th January 2017 – 4th February 2017
- Prof.Y.Gajare attended STTP on “CMOS, MIXed Signal & Radio Frequency VLSI design” at S.B.patil COE organised by IIT Kharagpur during 30th Jan to 4th Feb, 2017

E. Research Publication Submitted by the Faculties:-

- Prof.Zade M.M published book on” An introduction to switched median filtering theory and practices” by LAMBERT Academic Publishing(LAP) on 13 Feb 2017 with ISSN 978-3-659-56265-5
- Prof.Yogesh S. Bahendwar has published paper on “Performance Analysis of Hybrid Optimization Technique for Segmentation of Medical Images” in International Journal of Computer science and Information Security” January 2017. Indexed in Thomson Reuters Web of Science, EBSCO.
- Prof.Yogesh S. Bahendwar has published paper on “HAAMR: Hybrid Ant-Colony Optimization and Markov Random Field for X-ray image Segmentation” in International Journal of Computer science and Information Security” January 2017 Indexed in Thomson Reuters Web of Science, EBSCO.



- Prof.P.S.Togrikar published paper on “Fine Tuning Graphical Authentication System” in International Research Journal of Engineering and Technology ISSSN-2395-0056, vol-4, issue-5 May-2017 with impact factor 5.18
- Prof.P.S.Togrikar published paper on “Fake Note Detection System” in International Journal of Innovations Research in Technology ISSN-2349-6002, vol-4, issue-1 May-2017
- Prof.C.V.Nalawade has published paper on “Dual layer video encryption and decryption using RSA algorithm” in IJIRCCE, with ISSN 2320-9801, Volume 4, issue 1, April 2017
- Pradeep R. Taware has published paper on “IOT Based Home Automation Using Intel Galileo Gen-2” in International Research Journal of Engineering and Technology (IRJET), Volume 4. Issue 3, Mar.2017, pp 2747-2749
- Prof.R.S.Pisal has published a paper on “IOT based smart energy meter” in IRJET with ISSN 2395-0056, Volume 4,issue 4, April 2017.
- Prof.N.M.Gaikwad published paper on” Solar Tracking And Monitoring System For Solar Water Heater “, in international Research Journal of Engineering and Technology (IRJET) , e-ISSN 2395-0056 Volume: 04 Issue: 03 | Mar -2017.
- Prof.Gajare Y.R has published a paper on “Land Mine Detection Arduino” in International Journal of Innovation in Engineering Research & Technology (IJIERT) with ISSN 2394-3696, Volume 4,issue 3 march 2017
- Prof.A.S.Zadbuke published paper in International Journal Of Advance Research,Ideas And Innovations In Technology ISSSN-2454-132X ,vol-3,issue-2april-2017,on”IOT based water management system for smart city”with impact factor 4.295.
- Prof.A.S.Zadbuke published paper In International Journal Of Innovations In Engineering Research And Technology on”Intelligent Helmet System For Mine Worker” of ISSN-2394-3696 With impact factor 3.535.in vol.4,issue.3 Mar.2017

F. Achievement of Students:-

•Campus recruitment:

Sr.No.	Name of Student	Company Name
1	Amatulla Patawala	Opulent, Pune
2	Monika Shinde	Reliance Industries
3	Archana Mhetre	Reliance Industries



SHAHAJIRAO PATIL VIKAS PRATISHTHAN
S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

• **Publications:**

Sr. No.	Author	Title of the article	Journal	ISSN No.	Volume, Issue, Year and Page No.
1	Patawala Amatulla, Bansode Navnath, Bhong Yogesh	IOT based water management system for smart city	International Journal Of Advance Research, Ideas And Innovations In Technology	2454-132X	2april-2017
2	Komal Mote, Gaurav Bhosale, Snehal Deokate	Intelligent Helmet System For Mine Worker	International Journal Of Innovations In Engineering Research And Technology	2394-3696	vol.4, issue.3 Mar.2017
3	Miss Banwase Komal, Bhosale Aanjali, Phopale Swapnali	Fine Tunning Graphical Authentication System	International Research Journal of Engineering and Technology	2395-0056	vol-4, issue-5 May-2017
4	Miss Zende Komal, Kokare Varsharani	Fake Note Detection System	International Journal Of Innovations Research In Technology	2349-6002,	vol-4, issue-1 May-2017
5	Miss Sayyad swaleha Sutar pramila, Pise rani, Vidya Raut	Dual layer video encryption and decryption using RSA algorithm	IJIRCCE, with Volume 4, issue 1, April 2017	2320-9801,	Volume 4, issue 1, April 2017
6	Bharati S Kanherkar, Punam S. Pawar Yogita R. Shende,	IOT Based Home Automation Using Intel Galileo Gen-2	International Research Journal of Engineering and Technology	2747-2749	Volume 4. Issue 3, Mar.2017
7	Birendrakumar Sahani, Tejashree Ravi, Akibjaved Tamboli	IOT based smart energy meter	IRJET	2395-0056	Volume 4, issue 4, April 2017
8	Kokare Puja, Mhetre Archana, Shinde Monika	Land Mine Detection Arduino	International Journal of Innovation in Engineering	2394-3696,	Volume 4, issue 3 march 2017



SHAHAJIRAO PATIL VIKAS PRATISHTHAN
S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

			Research & Technology		
9	Miss Deshmukh Nisha, Diwate Shraddha, Mane Nikhil , Padule Sunil	Solar Tracking And Monitoring System For Solar Water Heater	international Research Journal of Engineering and Technology	2395-0096	Volume: 04 Issue: 03

• **Activities :**

- Komal Mote,Gaurav Bhosale,Snehal Deokate attended National Level Technical Symposium project exhibition at SVPM,Malegaon college of engineering on 16-17 Jan 2017.
- Patawala Amatulla,Bansode Navnath,Bhong Yogesh attended National Level Technical event project exhibition held at SBPCOE Indapur on 22 March 2017
- Miss Deshmukh Nisha, Diwate Shraddha, Mane Nikhil , Padule Sunil attended National Level Technical event project exhibition held at SBPCOE Indapur on 22 March 2017
- Miss Banwase Komal, Bhosale Aanjli,Phopale Swapnali attended National Level Technical event project exhibition held at SBPCOE Indapur on 22 March 2017
- Bharati S Kanherkar, Punam S. Pawar Yogita R. Shende attended National Level Technical event project exhibition held at SBPCOE Indapur on 22 March 2017
- Komal Mote,Gaurav Bhosale,Snehal Deokate attended National Level Technical event project exhibition held at SBPCOE Indapur on 22 March 2017
- Miss Sayyad swaleha Sutar pramila, Pise rani, Vidya Raut attended National Level Technical event project exhibition held at SBPCOE Indapur on 22 March 2017

• **Industrial Training**

Sr. No	Name of Student	Company Name
1	Bharat Mane	Magazine Technology, Dandekar Bridge
2	Sonal Makhare	
3	Komal Mote	Sofcon India PVT. LTD PUNE
4	Shraddha Diwate	
5	Snehal Sapkal	
6	Nisha Deshmukh	
7	Bagal Tejashree	
8	Kirti Pol	
9	Pooja Chavan	
10	Pramila Sutar	
11	Swaleha Sayyad	
12	Rani Pise	



SHAHAJIRAO PATIL VIKAS PRATISHTHAN
S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

Sr. No	Name of Student	Company Name
1	Tejashree Ravi	Qspider, Pune
2	Snehal Deokate	
3	Sagar khadke	
4	Swapnali Gadhave	
5	Snehal sapkal	

• **Industrial visits**

Sr.no	Details	Date
1	Two Days Visit To Copper Track	19,20-09-2016
2	One Day Visit To BSNL Indapur	11-01-2017

G. Research Proposal by Faculty: -----Nil

H. Activity with Industry:

- Done MOU With “MOU with Opulent”, Pune

I. Workshop attended by Supporting Technical Staff members: ----- Nil