



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: 2021-22
Rev : 00		Semester: I / II
Date: 01.07.2014		

Ref: SPVP/SBPCOE/E&TC/2020-21/F21/02

Date:

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 of A.Y 2021-22.

A. Strength of Class

Sr. No.	Class	Strength of Class
1	SE ENTC	64
2	TE ENTC	36
3	BE ENTC	25



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B:.S. E. E&TC RESULT ANALYSIS 2021-22

Total No of Students Fail in each Sub.		0	0	0	0	0	30	34	23	04
	Subject	EC	DC	EC	DS	EM-III	SS	CS	PCS	OOP
Subject wise Result	Passed students	63	63	64	64	64	34	30	41	60
	Failed students	0	0	0	0	0	30	34	23	4
	AppearedStudents	64	64	64	64	64	64	64	64	64
%tage Result		100	100	100	100	100	53.1	46.9	64.1	93.8

Class	All clear students	FAIL	Result
Result	64	0	100

Department Topper List

Name of Students	CGPA
GORE GAYATRI RAMCHANDRA	8.77
WAGHMARE RUTUJA MILIND	8.7
SURAJ TATYASAHEB NAIKNAWARE	8.2

2 .T. E. E&TC RESULT ANALYSIS 2021-22

Subject wise Result

Total No of Students Failin each Sub.		0	0	0	0	0	2	2	2	2	1
	Subject	DC	DS P	EFT	MIC RO	DBM	PM	DIP	PDC	CN	MP
Subject wise Result	Passed students	36	36	36	36	36	36	36	36	36	36
	Failed students	0	0	0	0	0	2	2	2	2	1
	AppearedStudents	36	36	36	36	36	36	36	36	36	36
%tage Result		100	100	100	100	100	96	96	96	96	98

Class	All clear students	ATKT	FAIL	Result
Result	33	3	0	91.66



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Department Topper List

TE E&TC Topper AY 2021-22	
Name of Students	CGPA
Shinde Neha Vilas	9.83
Sawant Sakshi Shashi	9.64
Rao Sharanya Shashidhar	9.57

3. B. E. E&TC RESULT ANALYSIS 2021-22

Total No of Students Fail in each Sub.		0	0	0	0	0	0	0	0	0
	Subject	VLSI	CNS	RMT	IOT	EIA	MC (TH)	BCS (TH)	ML (TH)	WSN (TH)
Subject wise Result	Passed students	25	25	25	25	25	25	25	25	25
	Failed students	0	0	0	0	0	0	0	0	0
	Appeared Students	25	25	25	25	25	25	25	25	25
% age Result		100	100	100	100	100	100	100	100	100

Class Result	All clear students	Fail	Result
	25	0	100

Department Topper List

BE E&TC Topper AY 2021-22	
Name of Students	CGPA
Jagtap Swapnali Sunil	9.66
Lawate Aditya Dada	
Takale Avinash Tanaji	
Akshay Rohidas Kharat	9.57
Nimbalkar Kirti Ashok	9.49



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C. Organized Workshop/Seminar/ Guest Lecture of Department:-

Sr. no	Name Of Organizer	Name of the Workshop/ Seminar	Number of Participants	Date From – To
1	Prof.P.S.Togrikar	STTP on " mastering STM-32 and Free RTOS"	30	28-02-2022 to 4-03-2022
2	Prof.M.M.Zade	SDP on "Product Development Life Cycle"	35+	18-01-2022 to 22-01- 2022
3	Prof.V.U.Bansude	Guest Lecture on "Information and Cyber security"	25	4-12-2021
4	Prof.C.V.Nalawade	One day Workshop on Block chain Technology&its Application	35+	29/01/2022

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

Sr. No.	Name of teacher who attended	Title of the Program	Duration
1.	Prof.C.V.Nalawade	“One Week National Level STTP on LaTeX”organized by Department of E&Tc and R&D Cell-MESCOE, Pune-01 and sponsored by Board of Student Development SPPU Pune held on 8th ,9th ,11th ,12th and 13th April, 2022.	8/4/2022-13/04/2022
2.	Prof.C.V.Nalawade	FDP on Computer Vision and Deep Learning organized by, Dept. of E&TC Engineering, MarathwadaMitraMandal's College of Engineering, Karvenagar, Pune from 28/03/2022 to 01/04/2022.	28/03/2022-01/04/2022
3.	Prof.C.V.Nalawade	"One Week FDP on Research Publication & Process of Innovation Development" Organized by Department of FDP cell in association with IIC and Internal Quality Assurance Cell (IQAC)-SBPCOE, Pune held on 21/05/2022 to 25/05/2022.	21/05/2022-25/05/2022



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DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

4.	Prof.A.S.Shirkande	AICTE-ISTE approved Orientation/Refresher Programme on "Cyber Risk and Security" held during 14/12/2021 to 21/12/2021 Organized by RamraoAdik Institute of Technology,Nerul,Navi Mumbai,Maharashtra.	14/12/2021- 21/12/2021
5.	Prof.A.S.Shirkande	FDP on Computer Vision and Deep Learning organized by, Dept. of E&TC Engineering, MarathwadaMitraMandal's College of Engineering, Karvenagar, Pune from 28/03/2022 to 01/04/2022.	28/03/2022- 01/04/2022
6.	Prof.A.S.Shirkande	"One Week National Level STTP on LaTeX"organized by Department of E&Tc and R&D Cell-MESCOE, Pune-01 and sponsored by Board of Student Development SPPU Pune held on 8th ,9th ,11th ,12th and 13th April, 2022."	8/04/2022- 13/04/2022
7.	Prof.A.S.Shirkande	"One Week FDP on Research Publication & Process of Innovation Development" Organized by Department of FDP cell in association with IIC and Internal Quality Assurance Cell (IQAC)- SBPCOE, Pune held on 21/05/2022 to 25/05/2022.	21/05/2022- 25/05/2022
8.	Prof.M.M.Zade	"One Week National Level STTP on LaTeX"organized by Department of E&Tc and R&D Cell-MESCOE, Pune-01 and sponsored by Board of Student Development SPPU Pune held on 8th ,9th ,11th ,12th and 13th April, 2022.	8/04/2022- 13/04/2022
9.	Prof.M.M.Zade	FDP on Computer Vision and Deep Learning organized by, Dept. of E&TC Engineering, MarathwadaMitraMandal's College of Engineering, Karvenagar, Pune from 28/03/2022 to 01/04/2022.	28/03/2022- 01/04/2022
10.	Prof.M.M.Zade	Faculty orientation workshop on Cellular Network organized by Dept of E & TC Engg.MarathaVidyaPrasarakSamaj'sKarmveerAdv.baburaoGanpatraothakareCOE,Nashik in association with BOS E & TC/ElexSPPU,Pune from 27/01/2022 to 29/01/2022	27/01/2022- 29/01/2022



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DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

11.	Prof.M.M.Zade	One week STTP on Domains of academia:Research& Teaching Learning organized byFaculty of technology,and department of Learning & development Marwadi university rajkot,gujrat,indiainassociationwith DSI ,gujrat from 01/03/2022 to 05/03/2022	01/03/2022-05/03/2022
12.	Prof.M.M.Zade	One day national seminar on quality enhancement initiative through innovative practices after covid 19 Era organized by GHRIE&T,Wagholi,Puneinassociation with NAAC,Banglore	12/03/2022-12/03/2022
13.	Prof.M.M.Zade	One week AICTE-ISTE approved Orientation/refresher programme on intelligent technologies for autonomus vehicle system organized RIT, Rajaramnagar, Sangali, Maharashtra	14/01/2022-20/01/2022
14.	Prof.M.M.Zade	Faculty orientation workshop on fundamentals of Java Programming organized by Dept of E & TC Engg.AISSMSCOE,Pune in association with BOS E & TC/ElexSPPU,Pune from 26/07/2021 to 28/07/2021	26/07/2021-28/07/2021
15.	Prof.M.M.Zade	Three days online Faculty orientation workshop on Database management organized by Dept of E & TC Engg.DYPIT,Pimpri,Pune in association with BOS E & TC/ElexSPPU,Pune from 22/07/2021 to 24/07/2021	22/07/2021-24/07/2021
16.	Prof.M.M.Zade	One week FDP on Introduction to machine learning organized by IT deptSIT,Lonawala hosted by IT Business club from 18/4/2022 to 22/4/2022	18/4/2022-22/04/2022
17.	Prof.M.M.Zade	Two days ICGWE-2022-International conference on gender equality & womwn empowerment 2022 from 8/3/2022 to 9/3/2022	8/03/2022-9/03/2022
18.	Prof.M.M.Zade	Five days SDP on product developement life cycle organized by S B PatilCOE,indapur in association with IQAC Cell SBPCOE,Indapur from 18/01/2022 to 22/01/2022	18/01/2022-22/01/2022
19.	Prof.M.M.Zade	One week FDP on Research funding & patent filling organized by IT deptSIT,Lonawala hosted by IT Business club from 25/10/2021 to 29/10/2021	25/10/2021-29/10/2021



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DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

20.	Prof. AshwiniZadbuke	One Week Online Faculty Development Programme (FDP)on Research Methodology, Research Publication and Patent Filingorganized by Department of Electronics & Telecommunication Engineering, Sharad Institute of Technology College of Engineering, Yadav (Ichalkaranji).	20/9/2021– 24/09/2021
21.	Prof. AshwiniZadbuke	Faculty Orientation Workshop T. E. (E&TC) Revised Syllabus 2019C. Subject: Digital Communication(DC)organized by Department of E&TC Engineering, Army Institute of Technology, Pune	22/07/2021- 24/07/2021
22.	Prof.S.R.Sabale	"One Week FDP on Research Publication & Process of Innovation Development" Organized by Department of FDP cell in association with IIC and Internal Quality Assurance Cell (IQAC)-SBPCOE, Pune held on 21/05/2022 to 25/05/2022.	21/05/2022- 25/05/2022
23.	Prof.J.M.Waghmare	"One Week FDP on Research Publication & Process of Innovation Development" Organized by Department of FDP cell in association with IIC and Internal Quality Assurance Cell (IQAC)-SBPCOE, Pune held on 21/05/2022 to 25/05/2022.	21/05/2022- 25/05/2022
24.	Prof.J.M.Waghmare	One week FDP on Qualitative and quantitative approaches for quality assurance thr performance indicators in enginnering institutions"	2/5/2022- 6/5/2022
25.	Prof.J.M.Waghmare	completed two month training program on Python-Basic & advance	15/9/2021- 15/11/2021
26.	Prof.J.M.Waghmare	completed three month training program on Data Science(ML,DL) with python	15/9/2021- 16/12/2021
27.	Prof.J.M.Waghmare	completed training program on fondation of Statistics for Data science	1/10/2021- 12/10/2021
28.	Prof.J.M.Waghmare	One week FDP on Computer vision & Deep learning	28/3/2022- 1/4/2022
29.	Prof.J.M.Waghmare	two days FDP on "VLSI Design Flow & Application of LInux"	21/03/2022- 22/03/2022



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E. Publication Details By Faculty:-

Sr. No.	Name of the Teacher/Author	Title of the Paper/Book	Name of the Journal/Proceeding /Edited Book	Volume & Pages	Year of Publicatin	ISBN/ISS N No.
1.	Prof. Ashwini Kore-Zadbuke	Cross layered cryptography based secure routing for IoT-enabled smart healthcare system	Springer, SCI Indexed		2022	Wireless Networks 28, 287–301(2022)
2.	Prof.AparnaShrinivas Shirkande	Hydroponics Farming Using IoT	International Journal for Reaserach in Applied Science &Engineering Technology		2022	2321-9653
3.	Prof.Aparna Shrinivas Shirkande	Different techniques of gray level transformation for image enhancement	International Jouranal for research in engineering,. application and Management		2022	2454-9150
4.	Prof.Sabale Snehal Rajendra	Hydroponics Farming Using IoT	International Journal for Reaserach in Applied Science &Engineering Technology		2022	2321-9653
5.	Prof.Sabale Snehal Rajendra	Different techniques of gray level transformation for image enhancement	International Jouranal for research in engineering,. application and Management		2022	2454-9150

F. Patent Publication Details:- NIL

G. Achievement of Students:-

Sr. No.	Name of Students	NameofWorkshop/seminar/co nference attended	Date / Duration ofEvents	Nature of Activity
1	Lakde Komal	Super Robotics System	1 /1/2022 to 01/06/2022	Internship
2	Amar Sabale	Guinness World Record Event	24 to 25 April 2021	Computer programming lesson
3	Amar Sabale	Python Workshop	15 to 16 nov 2021	Workshop
4	Kedar Vishwanath Swami	Technician Apprentice	1 year 1511/2021 to14/11/2022	Apprentice



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H. Campus recruitment:

Sr. No.	Name of the Student	Name of the Employer	Package Received
1	Abhang Nikhil Madhukar	Capgemini	4 LPA
2	Nimbalkar Kirti Ashok	Pentagon Space Pvt.Ltd,Banglore/ /TCS/ Capegemini	3.2 /4 /4 LPA
3	Jagtap Swapnali Sunil	Pentagon Space Pvt. Ltd, Banglore/Atos Syntel/Wipro/E-zest/Q-SPIDER/ Pune/VOIS	3.2/3.4/3.5/6/3 /5 LPA
4	Mulani Shahruk Mahamad	Pentagon Space Private Limited, Bangalore/Atos Syntel	3.2/3.4 LPA
5	Shaikh Humera Mansoor	Q-SPIDER, Pune/Infosys/Atos Syntel	3/3.5/3.4 LPA
6	Shinde Shivtej Arun	Pentagon Space Private Limited Bangalore/INFOSYS	3.2 /3.6 LPA
7	Waghmode Abhishek Ramesh	BEP India Automotive Systems Pvt Ltd/Infosys/Q-SPIDER, Pune	3/3.6/3 LPA
10	Kharat Akshay Rohidas	BEP India Automotive Systems Pvt Ltd/Q-SPIDER, Pune	3/3 LPA
11	Chavan Shivani Sunil	Bristol Technologies/Pentagon Space Private Limited, Bangalore/Q-SPIDER/Tap Academy Pvt Ltd,Bangalore /MSys Technologies	1.8/3.2/ 3/ 3/4 LPA
12	Darphale Pooja Ganpat	Pentagon Space Private Limited, Bangalore/Q-SPIDER/E-Scedar,Pune	3.2 / 3 /2 LPA
13	Misal Priyanka Navnath	E-Scedar,Pune/Sedemac Mechatronics Pvt Ltd	2/3 LPA
14	Shaikh Kajal Lala	HUDSON AGILE VENTURES Private ltd/Pentagon Space Private Limited, Bangalore/QSpider/ E- Scedar,Pune/ Sedemac Mechatronics Pvt Ltd	2 /3.2/3/2/3 LPA
15	Takale Avinash Tanaji	Wipro/HCL,Pune	3.5/4.25 LPA
16	Adling Shubham Dadaram	Pentagon Space Private Limited, Bangalore/Cherise India Pvt. Ltd, Pune	3.2/3 LPA



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17	Pawar Dipak Bhau	Electrica Engineers Pvt Ltd/Q-SPIDER, Pune	2/3 LPA
18	Sagar Pise	Chaitanya Milk & Milk Product	2.4 LPA
19	Burungle Saurabh Balaso	Pentagon Space Private Limited, Bangalore	3.2 LPA
20	Prasad Tengale	Q-SPIDER, Pune	3 LPA
21	Komal Jadhav	Q-SPIDER, Pune	3 LPA
22	Shubham Kagade	Q-SPIDER, Pune	3 LPA
23	Prathamesh More	Q-SPIDER, Pune	3 LPA

I. Industrial Training

Sr. No.	Name of Students	Name of Workshop/seminar/conference attended	Date / Duration of Events	Nature of Activity
1	Sachin Nanasahab Gund	Python and Deep learning	7 days	Industrial Training
2	Kedar Vishwanath Swami	Tata Motors Passenger Vehicle limited	15/11/2021 to 14/11/2022	Industrial Training
3	Lakde Komal	Super Robotics System	1 /1/2022 to 01/06/2022	Internship
4	Amar Sabale	Guinness World Record Event	24 to 25 April 2021	Computer programming lesson
5	Amar Sabale	Python Workshop	15 to 16 nov 2021	Workshop
6	Amar Sabale	Intellect Technologies	1 Month 10 feb 2022	Industrial Training
7	Amar siddharth Kambale	Python and Deep learning	10 jun 2022	Industrial Training
8	Amar Sabale	Data analytic with python	23/11/2021 to 25/10/2022	Industrial Training
9	Kedar Vishwanath Swami	Technician Apprentice	1 year 15/11/2021 to 14/11/2022	Industrial Training



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J. Industrial visit

Industrial Visit (2021-22)

Electronics and Telecommunication Department of S. B. Patil College of Engineering, organized One day (25 April. 2022) Industrial visit to the Rajmudra Power Electrical Pvt.Ltd, Lonideokar, Indapur, Pune, Along with staff members Prof. P. S. Togrikar, Prof.C.V.Nalawade Number of student (50 Numbers) on dated 25th April. 2022



Mr.Ganesh Padule had given guidance about how to repair and maintain the high voltage transformers



Snap of Attedance of Rajmudra Power Electrical plant



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Research Proposal by Faculty -----NIL

K. Workshop attended by Supporting Technical Staff members-----NIL

HOD(ENTC)

Prof.V.U.Bansude