



*Shri Someshwar Shikshan Prasarak Mandal's*  
**Sharadchandra Pawar College of Engineering &  
Technology,**

Someshwarnagar Tal – Baramati, Dist – Pune 412 306  
(Approved by AICTE New Delhi, Recognized by Govt. of Maharashtra  
& Affiliated to Savitribai Phule Pune University, Id.no.PU/PN.Engg./445/2012)  
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# University Timetable



  
PRINCIPAL

Sharadchandra Pawar College of Engineering & Technology  
Someshwarnagar, Tal. Baramati, Dist. Pune (Pin : 412 306)

**Savitribai Phule Pune University**  
(Formerly University of Pune)

Telephone No. 020-25621343  
25621346

website : [www.unipune.ac.in](http://www.unipune.ac.in)



Director,  
Board of Examinations and Evaluation,  
Savitribai Phule Pune University,  
Ganeshkhind - 411 007  
Email : [bee@pun.unipune.ac.in](mailto:bee@pun.unipune.ac.in)

Date: 5<sup>th</sup> December, 2022

Exam/S&T/ 2535

To  
The Principal/Director,  
Affiliated Engineering Colleges,  
Pune, Ahmednagar and Nashik Districts

**Sub:** Request to send details in desired format about the practical/oral/term work/seminar/project examinations of SE, ME and MCA programs for Oct-Nov 2022 session to the examination section.

Sir/Madam,

With reference to above, schedule for the conduct of practical/oral/term work/seminar examinations for SE, ME and MCA programs is finalized. Details are as given below.

Schedule for the conduct of practical/oral/term work examination for Second year Engineering are as given below.

**Monday, the 26<sup>th</sup> December 2022 to Thursday, the 5<sup>th</sup> January, 2023**

Schedule for the conduct of practical/oral/term work/seminar/project examinations of ME (Second Year Program) is as given below.

**Monday, the 26<sup>th</sup> December 2022 to Thursday, the 5<sup>th</sup> January, 2023**

Schedule for the conduct of practical/oral/term work/seminar/project examinations of MCA Engineering (Second Year Program) is as given below.

**Monday, the 19<sup>th</sup> December, 2022 to Saturday, the 31<sup>st</sup> December, 2022**

The information shall be sent by each engineering college in the specific format (attached separately) on following email ID for further processing till 10<sup>th</sup> December, 2022.

**[examssupportengg@unipune.ac.in](mailto:examssupportengg@unipune.ac.in).**

Principals/Directors of the concerned affiliated engineering colleges are requested to communicate the contents of this letter to all concerned immediately.

Thanking you,

With regards.

Yours Sincerely,

Dr. Mahesh Kakade

Director

Board of Examinations and Evaluation

# SAVITRIBAI PHULE PUNE UNIVERSITY

(Formerly University of Pune)



## TENTATIVE SCHEDULE OF EXAMINATIONS TO BE HELD IN FIRST HALF OF THE YEAR 2023

Examination Circular No.84

Dated : 06/02/2023

### FACULTY OF SCIENCE AND TECHNOLOGY

#### (A) SCIENCE

Sr. No.	Names of the Examination	Examination fee [Rs.] per Sem./Part/Year/ Term	Date of Commencement of Examination	Probable Date of Declaration of Result
1.	B.Y./B.Sc./T.P.B.Sc.(Sem I to VI) (2019 Pattern) (C.B.C.S.) (Including Vocational)	510	06/06/2023	As per MPQA 2010 Sec. 59 with 30 days from last day of Examination
2.	B.Y./B.Sc./T.P. B.Sc. Computer Science (Sem I to V) (2019 Pattern)(C.B.C.S.)	510	06/06/2023	
3.	B.Y./B.Sc./T.P. B.Sc. (Biotechnology) (Sem I to VI) (2019 Pattern) (C.B.C.S.)	510	06/06/2023	
4.	B.Y./B.Sc./T.P. B.Sc. (Sem. I to VI) (2019 Pattern) (C.B.C.S.)	1350	06/06/2023	
5.	B.Y./B.Sc./T.P. B.Sc. (Hospitality Studies)(Sem I to VI) (2019 Pattern) (C.B.C.S.)	1275	06/06/2023	
6.	B.Y./B.Sc./T.P. B.Sc. Animation (Sem I to III) (2019 Pattern) (C.B.C.S.) & S.Y./T.P. B.Sc. Animation (Sem. I to IV) (2019 Pattern)	1275	06/06/2023	
7.	M.Sc. (C.B.C.S.)	510	22/06/2023	
	1. Physics I (Sem. I to IV) (2019, 2020 Pattern)	510	22/06/2023	
	2. Chemistry (All) (Sem. I to IV) (2019 Fall)	510	22/06/2023	
	3. Zoology (Sem. I to IV) (2019 Pattern)	510	22/06/2023	
	4. Microbiology (Sem. I to IV) (2019 Pattern)	510	22/06/2023	
	5. Botany (Sem. I to IV) (2019 Pattern)	510	22/06/2023	
	6. Environmental Science (Sem. I to IV) (2019 Pattern)	510	22/06/2023	
	7. Electronics Science (Sem. I to IV) (2019 Pattern)	510	22/06/2023	
	8. Org. Chemistry (Sem. I to IV) (2019 Pattern)	510	22/06/2023	
	9. Bio Chemistry (Sem. I to IV) (2019 Pattern)	510	22/06/2023	
	10. Statistics (Sem. I to IV) (2019 Pattern)	510	22/06/2023	
8.	M.Sc. Biotechnology (Sem. I to IV) (2019 Pattern)	1350	22/06/2023	
9.	M.Sc. (Comp. Sci.) (Sem. I to IV) (2019 Pattern)	1350	22/06/2023	
10.	M.A./M.Sc. Mathematics/Geography (Sem. I to IV) (2019 Pattern)	510	22/06/2023	
11.	M.Sc. Computer Application (2019, 2020 Pattern) (Sem. I to V)	1350	22/06/2023	
12.	M.Sc. (Ind. Math's with Comp. Application) (Sem. I to V) (2019 Pattern)	1350	22/06/2023	

Note : Detail actual timetable will be displayed prior to the commencement of examinations.

Exam/Coordination/180

Date : 06/02/2023

Director

Board of Examinations & Evaluation

**SAVITRIBAI PHULE PUNE UNIVERSITY**  
(Formerly University of Pune)



**TENTATIVE SCHEDULE OF EXAMINATIONS TO BE HELD IN FIRST HALF OF THE YEAR 2023**

Examination Circular No.24

Dated : 06/02/2023

**FACULTY OF SCIENCE AND TECHNOLOGY**

**[ B ] ENGINEERING**

Sr. No	Name of the Examination	Examination fee (Rs.) per Sem./Part/Year/ Term	Date of Commencement of Examination	Probable Date of Declaration of Result
1.	P.E. (2015 Pattern) Including Credit Pattern	680	17/07/2023	As per MP-2015 Sec. 80 within 30 days from last day of Examination
2.	M.E. (2019 Pattern) Including Credit Pattern	680	17/07/2023	
3.	S.F. (2015 Pattern) Including Credit System	600	05/06/2023	
4.	S.F. (2019 Pattern) Including Credit System	600	05/06/2023	
5.	T.E. (2015 Pattern) Including Credit System	600	05/06/2023	
6.	T.E. (2019 Pattern) Including Credit System	600	05/06/2023	
7.	B.E. (2015 Pattern) Including Credit System	680+510 Fee Project	26/05/2023	
8.	B.E. (2019 Pattern) Including Credit System	680+510 Fee Project	26/05/2023	
9.	M.F. (2017 Pattern) Including Credit System: (Sem II to VI)	2040+510 Fee Project, Report	23/06/2023	
10.	M.L. (1st Year) (Sem. I) (2017 Pattern)	2040	17/07/2023	
11.	M.C.A. (Sem. II, III & IV) (2019 Pattern)	2040	06/06/2023	
12.	M.C.A. (Sem. II & III) (2020 Pattern)	2040	06/06/2023	
13.	M.C.A. (Sem V, 2019 Part) (Sem VI, 2020 Part)	2040 Project fee Rs. 510/- for Sem VI	06/06/2023	
14.	M.C.A. (1st Year) (2019 & 2020 Pattern)	2040	17/07/2023	
15.	B.Arch. (2015 Pattern) (Sem VIII) & (2019 Pattern) (Sem I to VI)	680	06/06/2023	
16.	First Year B.Arch. (2019 Pattern) (Sem I & II)	680	29/07/2023	

Note : Detail actual timetable will be displayed prior to the commencement of examinations.

Exam/Coordination/180

Date : 06/02/2023

  
 Director  
 Board of Examinations & Evaluation  
 6/2/23

**SAVITRIBAI PHULE PUNE UNIVERSITY**  
(Formerly University of Pune)



**TENTATIVE SCHEDULE OF EXAMINATIONS TO BE HELD IN FIRST HALF OF THE YEAR 2023**

Examination Circular No.84

Dated : 06/02/2023

**FACULTY OF SCIENCE AND TECHNOLOGY**

**{C} PHARMACEUTICAL SCIENCE**

Sr. No	Name of the Examination	Examination fee( Rs.) per Sem./Part/ Year/ Term	Date of Commencement of Examination	Probable Date of Declaration of Result
1.	Fourth Year B. Pharmacy (Sem. V to VIII) ( 2015 Pattern )	1020	05/05/2023	As per MP-24 2016 Sec. 89 within 30 days from last day of Examination
2.	I.Y. B. Pharmacy (Sem. V to VI) ( 2015 Pattern)	1020	06/05/2023	
3.	F.Y./S.Y./T.Y. B. Pharmacy (Sem. III to VIII) ( 2018 Pattern)	1020	06/05/2023	
4.	I.Y. B. Pharmacy (Sem. I to II) (2019 Pattern)	1020	will be advised separately	
5.	S.Y./T.Y. B. Pharmacy (sem. III to VII) ( 2019 Pattern)	1020	06/05/2023	
6.	Fourth Year D. Pharmacy (Sem. VII 2019 Pattern) (Sem. VI & VIII 2018 Pattern)	1020	06/05/2023	
7.	M. Pharmacy (Sem. II) (2019 Pattern)	1360 510 (Project)	03/07/2023	
8.	Pharm D	1250	15/07/2023	

Note : Detail actual timetable will be displayed prior to the commencement of examinations.

Exam/Coordination/1881

Date : 06/02/2023

  
Director 6/2/23

Board of Examinations & Evaluation

# SAVITRIBAI PHULE PUNE UNIVERSITY

(Formerly University of Pune)



TENTATIVE SCHEDULE OF EXAMINATIONS TO BE HELD IN FIRST HALF OF THE YEAR 2023

Examination Circular No. 85

Dated : 06/02/2023

## FACULTY OF COMMERCE AND MANAGEMENT

### (A) COMMERCE

Sr. No.	Name of the Examination	Examination Fee (Rs.) per Sem./Part/ Year/ Term	Date of Commencement of Examination	Probable Date of Declaration of Result
1.	B.Y. B.Com. (Sem I&II) (2019 Pattern) (Including Regular & Vocational) Choice Based Credit System	340	05/06/2023	As per U.P.U.A. 2016 Sec. 89 within 30 days of Examination
2.	B.Y.B.Com (Sem III to IV) (2019 Pattern) (Including Regular & Vocational) Choice Based Credit System	340	25/05/2023	
3.	T.Y. B.Com. (Sem V & VI) (2019 Pattern) (Including Regular & Vocational) Choice Based Credit System	340	25/05/2023	
4.	B.B.A. 3.II (Sem. I to VI) (2019 Pattern) Choice Based Credit System	1550	15/06/2023	
5.	B.B.A. (Sem. I to VII) (2019 Pattern) Choice Based Credit System	1250+520 For project report	15/06/2023	
6.	B.B.A. (Sem. I to VII) (2019 Pattern) Choice Based Credit system B.B.A (Computer Application)	1250+520 For project report	15/06/2023	
7.	M.Com. (Sem. I to IV) Choice Based Credit System. (2019 Pattern)	520+140 For each Part	20/06/2023	
8.	P.G. Diploma in Banking, Finance & Insurance (2020 Pattern)	340	26/06/2023	
9.	P.G. Diploma in taxation (2020 Pattern)	340	26/06/2023	
10.	P.G. Diploma in International Business (2020 Pattern)	340	26/06/2023	

Note : Detail actual timetable will be displayed prior to the commencement of examinations.

Exam/Coordination/181

Date : 06/02/2023

  
Director 6/2/23  
Board of Examinations & Evaluation

**SAVITRIBAI PHULE PUNE UNIVERSITY**  
(Formerly University of Pune)



**TENTATIVE SCHEDULE OF EXAMINATIONS TO BE HELD IN FIRST HALF OF THE YEAR 2023**  
Examination Circular No. 85 Dated : 06/02/2023

**FACULTY OF COMMERCE AND MANAGEMENT**  
**(B) MANAGEMENT**

Sr. No.	Name of the Examination	Examination fee (Rs.) per Sem./Part/Year/ Term	Date of Commencement of Examination	Probable Date of Declaration of Result
1.	M.B.A. (All) (Sem II & IV)	1360+510 For project report	15/07/2023	As per MPUA 2016 Sec. 89 within 30 days from last day of Examination
2.	M.B.A. Revised Curriculum 2019 CBCGS & OBE Pattern (Sem. I & III)	1360+510 For project report	07/07/2023	
3.	M.B.A. Digital Marketing (Sem. I & III) (2021 Pattern)	1360+510 For project report	01/07/2023	
4.	M.B.A. Project Management (Sem. I & III) (2021 Pattern)	1360+510 For project report	03/07/2023	
5.	M.B.A. Services Management (Sem. I & III) (2021 Pattern)	1360+510 For project report	01/07/2023	
6.	M.B.A. Fresh Marketing (Sem. I & III) (2021 Pattern)	1360+510 For project report	01/07/2023	
7.	M.B.A. Sustainability Management (Sem. I & III) (2021 Pattern)	1360+510 For project report	01/07/2023	
8.	M.B.A. Human Resource Development (2020 Pattern) (Sem. I & II)	1360+510 For project report	01/07/2023	
9.	M.B.A. Information Technology (2020 Pattern) (Sem. I & III)	1360+510 For project report	01/07/2023	
10.	M.C.A. (2020 Pattern) (Sem. I & IV)	1260+510 For project report	15/07/2023	
11.	M.C.A. (2019 Pattern) (Sem. I & III)	1260+510 For project report	15/07/2023	
12.	M.C.A. (2022 Pattern) (Sem. I & III)	1360+510 For project report	15/07/2023	
13.	J.B.M.C.T. (2019 Pattern) (Sem. I to V II)	1360+510 For project report	01/07/2023	
14.	P.G. Diploma in Hospital Management (Sem. I to II) (2019 Pattern)	850+510 For project report	01/07/2023	
15.	P.G.D.C.M. (Sem. I to II) (2022 Pattern)	850	01/07/2023	

Note : Detail actual timetable will be displayed prior to the commencement of examination.

Exam/Coordinator/181

Date : 06/02/2023

Director  
 Board of Examinations & Evaluation

**SAVITRIBAI PHULE PUNE UNIVERSITY**  
(Formerly University of Pune)



**TENTATIVE SCHEDULE OF EXAMINATIONS TO BE HELD IN FIRST HALF OF THE YEAR 2023**

Examination Circular No. 86

Dated : 06/02/2023

**FACULTY OF HUMANITIES**

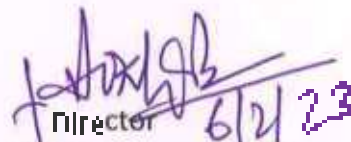
**(A) ARTS**

Sr. No.	Name of the Examination	Examination fee (Rs.) per Sem./Part/Year/ Term	Date of Commencement of Examination	Probably Date of Declaration of Result
1.	B.A./S.A./ - Y.B.A.(Sem I to IV) (2019 Pattern) Choice Based Credit System (Including Modules)	340	06/06/2023	As per MPUA 2016 Sec. 89 within 30 days from last day of Examination
2.	M.A. (Sem. I to IV) (2019 Pattern) Choice Based Credit System	510	22/06/2023	
3.	P.C. Diploma in Foreign Trade (Sem. I & II) (2014 Pattern)	340	06/06/2023	

Note : Detail actual timetable will be displayed prior to the commencement of examinations.

Exam/Coordination/182

Date : 06/02/2023

  
Director 6/2/23  
Board of Examinations & Evaluation



**SAVITRIBAI PHULE PUNE UNIVERSITY**  
(Formerly University of Pune)



**TENTATIVE SCHEDULE OF EXAMINATIONS TO BE HELD IN FIRST HALF OF THE YEAR 2023**

Examination Circular No. 96

Dated : 06/02/2023

**FACULTY OF HUMANITIES**


**(B) LAW**

Sr. No.	Name of the Examination	Examination Fee (Rs.) per Sem./Part/Year/ Term	Date of Commencement of Examination	Probable Date of Declaration of Result
1.	First Year L.L.B. (2017 Pattern)	620	17/06/2023	As per U.P.U. 2016 Sec. 09 within 30 days from last day of Examination
2.	Second Year L.L.B. & B.A.LL.B. (2017 Pattern)	620	06/06/2023	
3.	Third Year L.L.B. (2017 Pattern)	680	06/06/2023	
4.	First Year J.A. LL.B. (2017 Pattern)	450	17/06/2023	
5.	Second/Third/Fourth/Fifth Year J.A.LL.B. (2017 Pattern)	580	06/06/2023	
6.	LL.M. (Sec. I & II) (2014 Pattern) Including Credit System	580	19/06/2023	
7.	Diploma in L.L. & L.W.	510	06/06/2023	
8.	Diploma in Cyber Laws	510	06/06/2023	
9.	Diploma in Intellectual Property Rights Law	510	06/06/2023	
10.	Certificate Course in Forensic & Medical Jurisprudence	510	06/06/2023	
11.	Diploma in Taxation Law (2018 Pattern)	510	06/06/2023	

Note : Detail actual timetable will be displayed prior to the commencement of examinations.

Exam/Co-ordinator/182

Date : 06/02/2023

  
 Director 6/2/23

Board of Examinations & Evaluation

**SAVITRIBAI PHULE PUNE UNIVERSITY**  
(Formerly University of Pune)



**TENTATIVE SCHEDULE OF EXAMINATIONS TO BE HELD IN FIRST HALF OF THE YEAR 2023**

Examination Circular No. 87

Dated : 06/02/2023

**FACULTY OF INTER - DISCIPLINARY STUDIES**

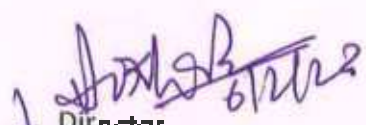
**(A) EDUCATION**

Sr. No.	Name of the Examination	Examination fee (Rs.) per Sem./Part/Year/Term	Date of Commencement of Examination	Probable Date of Declaration of Result
1.	B.Ed. 1st Year (2015 Pattern) including Credit System (Two Years)	1020	17/08/2023	As per MPUA 2016 Sec. 89 with 30 days from last day of Examination
2.	B.Ed. 2nd Year (2015 Pattern) including Credit system (Two Years)	1020	06/09/2023	
3.	M.Ed. (General) (Sem I) (2015 Pattern) (Including Credit system)	1020	07/08/2023	
4.	M.Ed. (General) (Sem IV) (2015 Pattern) (Including Credit System)	1020	06/06/2023	
5.	M.Ed. (General) (Sem II & III) (2015 Pattern) (Including Credit System)	1020	05/07/2023	

Note : Detail actual timetable will be displayed prior to the commencement of examinations.

Exam/Coordination/183

Date : 06/02/2023

  
Director  
Board of Examinations & Evaluation

**SAVITRIBAI PHULE PUNE UNIVERSITY**  
(Formerly University of Pune)



**TENTATIVE SCHEDULE OF EXAMINATIONS TO BE HELD IN FIRST HALF OF THE YEAR 2023**

Examination Circular No. 87

Dated : 06/02/2023

**FACULTY OF INTER - DISCIPLINARY STUDIES**

**(B) PHYSICAL EDUCATION**

Sr. No.	Name of the Examination	Examination fee (Rs.) per Sem./Part/ Year/ Term	Date of Commencement of Examination	Probable Date of Declaration of Result
1.	J.P. Ed Credit System (2015 Pattern) (Sem. I & II)	1000	06/06/2023	As per M.P.L.A 2016 Sec. 89 within 30 days from last day of Examination
2.	R.P. Ed Credit System (2015 Pattern) (Sem. IV)	1000	06/06/2023	
3.	R.P. Ed Credit System (2015 Pattern) (Sem. III)	1000	31/00/2023	

Note : Detail actual timetable will be displayed prior to the commencement of examinations.

Examy/Coordination/183

Date : 06/02/2023

  
Director

Board of Examinations & Evaluation

**SAVITRIBAI PHULE PUNE UNIVERSITY**  
{Formerly University of Pune}



**TENTATIVE SCHEDULE OF EXAMINATIONS TO BE HELD IN FIRST HALF OF THE YEAR 2023**

Examination Circular No. 87

Dated : 06/02/2023

**FACULTY OF INTER - DISCIPLINARY STUDIES**


**(C) FINE ARTS & PERFORMING ARTS, JOURNALISM & SOCIAL WORK, LIBRARY & INFORMATION SCIENCE**

Sr. No.	Name of the Examination	Examination fee / Rs. / per Sem./Part/ Year/ Term	Date of Commencement of Examination	Probable Date of Declaration of Result
1.	M.A. Journalism & Mass Communication (2019 Pattern)	₹ 0+300 for Dissertation	05/06/2023	As per MPUN 20.6 Sec. 6: within 30 days from the date of Examination
2.	B.Lib. & I. Sc. (2020 Pattern)	₹ 0	05/06/2023	

Note : Detail actual timetable will be displayed prior to the commencement of examination.

Exam/Coordination/183

Date : 06/02/2023

  
Director  
6/2/23  
Board of Examinations & Evaluation

**SAVITRIBAI PHULE PUNE UNIVERSITY**  
(Formerly University of Pune)



**Examination Circular No.288 of 2022 Schedule of Examinations to be held in Second Half of the Year 2022.**

**FACULTY OF SCIENCE AND TECHNOLOGY**

**( A ) SCIENCE**

Sr. No.	Name of the Examination	Last date for accepting the Examination forms without late fee	Last date with late fee of Rs. 150/- for Professional & Non-Professional Courses	Examination fee ( Rs.) per Sem./Part/ Year/ Term	Date of Commencement of Examination	Probable Date of Declaration of Result
1.	F.Y./S.Y./T.Y.B.Sc.(Sem I to VI) (2019 Pattern) (C.B.C.S.) (Including Vocational)	20/11/2022	30/11/2022	510	10/01/2023	As per MPUA 2016 Sec. 89 within 30 days from last day of Examination
2.	F.Y./S.Y./T.Y. B.Sc. Computer Science (Sem I to VI) (2019 Pattern)(C.B.C.S.)	20/11/2022	30/11/2022	510	10/01/2023	
3.	F.Y./S.Y. /T.Y. B.Sc. (Biotechnology) (Sem I to VI) (2019 Pattern) (C.B.C.S.)	20/11/2022	30/11/2022	510	05/01/2023	
4.	F.Y./S.Y./T.Y.B.C.A. (Sem. I to VI) (2019Pattern) (C.B.C.S.)	20/11/2022	30/11/2022	1350	05/01/2023	
5.	F.Y./S.Y. /T.Y.B.Sc. (Hospitality Studies)(Sem I to VI) (2019 Pattern)(C.B.C.S.)	20/11/2022	30/11/2022	1275	10/01/2023	
6.	F.Y./S.Y.B.Sc. Animation (Sem. I to III) (2021 Pattern) (C.B.C.S.) & S.Y./T.Y.B.Sc. Animation (Sem I to IV) (2015 Pattern)	20/11/2022	30/11/2022	1275	10/01/2023	
7.	M.Sc (C.B.C.S.) 1. Physics ( Sem. I to IV 2019, 2020 Pattern)	15/11/2022	30/11/2022	510	15/01/2023	
	2. Chemistry (All) ( Sem. I to IV )(2019 Patt.)	15/11/2022	30/11/2022	510	15/01/2023	

	3. Zoology (Sem. I to IV ) (2019 Pattern)	15/11/2022	30/11/2022	510	15/01/2023	As per MPUA 2016 Sec. 89 within 30 days from last day of Examination
	4. Microbiology ( Sem.I to IV)(2019 Patt.)	15/11/2022	30/11/2022	510	15/01/2023	
	5. Botany (Sem. I to IV )(2019 Pattern)	15/11/2022	30/11/2022	510	15/01/2023	
	6. Environmental Science(Sem. I to IV )(2019 Pattern)	15/11/2022	30/11/2022	510	15/01/2023	
	7. Electronics Science(Sem. I to IV )(2019 Pattern)	15/11/2022	30/11/2022	510	15/01/2023	
	8. Drug Chemistry(Sem. I to IV)(2019 Pattern)	15/11/2022	30/11/2022	510	15/01/2023	
	9. Bio-Chemistry (Sem. I to IV )(2019 Pattern)	15/11/2022	30/11/2022	510	15/01/2023	
	10. Statistics (Sem. I to IV) (2019 Pattern)	15/11/2022	30/11/2022	510	15/01/2023	
8.	M .Sc. Biotechnology (Sem. I to IV)(2019 Pattern)	15/11/2022	30/11/2022	1360	15/01/2023	
9.	M.Sc.(Comp. Sci.)(Sem. I to IV) (2019 Pattern)	15/11/2022	30/11/2022	1360	15/01/2023	
10.	M.A./M.Sc. Mathematics /Geography(Sem. I to IV) (2019 Pattern)	15/11/2022	30/11/2022	510	15/01/2023	
11.	M.Sc. Computer Application (2019, 2020 Pattern Sem. I to IV)	15/11/2022	30/11/2022	1360	15/01/2023	
12.	M.Sc. (Ind. Math's with Comp. Application) (Sem. I to V) (2019 Pattern)	15/11/2022	30/11/2022	1360	15/01/2023	

Exam/Coordination/946

Date : 26/12/2022

(Dr.Mahesh Kakade)  
Director  
Board of Examinations & Evaluation

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**SAVITRIBAI PHULE PUNE UNIVERSITY**  
(Formerly University of Pune)



**Examination Circular No. 288 of 2022 Schedule of Examinations to be held in Second Half of the Year 2022.**

**FACULTY OF SCIENCE AND TECHNOLOGY**

**(B) ENGINEERING**

Sr. No	Name of the Examination	Last date for accepting the Examination forms without late fee	Last date with late fee of Rs. 150/- for Professional & Non-Professional Courses	Examination fee( Rs.) per Sem./Part/ Year/ Term	Date of Commencement of Examination	Probable Date of Declaration of Result
1.	F.E. ( 2015 Pattern ) Including Credit Pattern			680	02/01/2023.	As per MPUA 2016 Sec. 89 within 30 days from last day of Examination
2.	F.E. ( 2019 Pattern ) Including Credit Pattern			680	Will be declared Separately.	
3.	S.E. (2015 Pattern) Including Credit System	20/11/2022	30/11/2022	680+510 For Project	07/01/2023	
4.	S.E. (2019 Pattern) Including Credit System	20/11/2022	30/11/2022	680+510 For Project	06/01/2023	
5.	T.E. (2015 Pattern ) Including Credit System	15/11/2022	25/11/2022	680+510 For Project	27/12/2022	
6.	T.E. (2019 Pattern ) Including Credit System	15/11/2022	25/11/2022	680+510 For Project	13/01/2023	
7.	B.E. (2015 Pattern) Including Credit System	15/11/2022	25/11/2022	680+510 For Project	27/12/2022	

8.	B.E. (2019 Pattern) Including Credit System	15/11/2022	25/11/2022	680+510 For Project	05/01/2023	As per MPUA 2016 Sec. 89 within 30 days from last day of Examination
9.	M.E. (All Branches) Including Credit System (Sem. I to IV) (2017 Pattern)	15/11/2022	25/11/2022	2040+510 For Project Report	27/12/2022	
10.	M.C.A. (Sem. II,III & IV,V) (2019 Pattern)	15/11/2022	25/11/2022	2040	15/01/2023	
11.	M.C.A. (Sem. II & III) (2020 Pattern)	15/11/2022	25/11/2022	2040	15/01/2023	
11.	M.C.A. (Sem VI, 2019 Patt) (Sem IV, 2020 Patt)	15/11/2022	25/11/2022	2040 Project fee Rs.510/- for Sem.VI	15/01/2023	
7.	B. Arch. (2015 Pattern)(Sem VIII) & (2019 Pattern) (Sem III to VII)	15/11/2022	25/11/2022	680	27/12/2022	
8.	First Year B.Arch (2019 Pattern)(Sem. I &II)			680	Will be declared Separately.	

Exam/Coordination/946

Date : 26 /12/2022

(Dr.Mahesh Kakade)

Director

Board of Examinations & Evaluation



**SAVITRIBAI PHULE PUNE UNIVERSITY**  
(Formerly University of Pune)



**Examination Circular No.288 of 2022 Schedule of Examinations to be held in Second Half of the Year 2022.**

**FACULTY OF SCIENCE AND TECHNOLOGY**

**(C) PHARMACEUTICAL SCIENCE**

Sr. No	Name of the Examination	Last date for accepting the Examination forms without late fee	Last date with late fee of Rs. 150/- for Professional & Non-Professional Courses	Examination fee( Rs.) per Sem./Part/ Year/ Term	Date of Commencement of Examination	Probable Date of Declaration of Result
1.	Fourth Year B. Pharmacy (Sem. V to VIII ) ( 2015 Pattern )	15/11/2022	25/11/2022	1020	27/12/2022	As per MPUA 2016 Sec. 89 within 30 days from last day of Examination
2.	T.Y. B. Pharmacy (Sem. V to VIII ) ( 2015 Pattern )	15/11/2022	25/11/2022	1020	04/01/2023	
3.	F.Y./S.Y./T.Y. B. Pharmacy (Sem. III to VIII ) ( 2018 Pattern )	15/11/2022	25/11/2022	1020	27/12/2022	
4.	F.Y B. Pharmacy (Sem. I to II) (2019 Pattern)			1020	Will be declared Separately	
5.	S.Y./T.Y. B. Pharmacy (Sem. III to VII ) ( 2019 Pattern )	31/10/2022	15/11/2022	1020	27/12/2022	
6.	Fourth Year B. Pharmacy (Sem. VII 2019 Pattern) (Sem. VII & VIII 2018 Pattern )	31/10/2022	10/11/2022	1020	27/12/2022	

7.	M. Pharmacy (Sem. II ) (2019 Pattern)	20/11/2022	30/11/2022	1360+510 (Project)	12/01/2023	
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Exam/Coordination/946

Date : 26 /12/2022

(Dr.Mahesh Kakade)  
Director  
Board of Examinations & Evaluation

# **SAVITRIBAI PHULE PUNE UNIVERSITY**

**(Formerly University of Pune)**



**EXAMINATION CIRCULAR NO. 211 OF. 2022**

**THIRD YEAR ENGINEERING (2019 PATTERN)**

**Examination of INSEM SEPT./OCT-2022**

**(Under Faculty of SCIENCE AND TECHNOLOGY: B)ENGINEERING)**

## **INSTRUCTIONS FOR CANDIDATES**

- Candidates are required to be present at the examination centre, THIRTY MINUTES before the stipulated time.
- Candidates are forbidden from taking any material into the examination hall that can be treated as a malpractice.
- Candidates are requested to see the Notice Board at their center of examination regularly for changes if any that may be notified later in the program.
- No request shall be granted for change in time or date for the University Examination on any ground.
- Candidates are requested to note the Day, Date and Time of Paper.
- Candidates are permitted to use stencils at the time of examination.
- The exchanges of side-rules, drawing instruments of other materials used in the examination hall is not permitted at the time of examination. Candidates must bring their own instruments and will not be allowed to borrow from each other under any circumstances.
- Use of non-programmable battery operated electronic pocket size Calculator is allowed. The exchange of Calculators is not allowed. Electronics Devices including mobile are not allowed at the time of examination.
- The written examination will be conducted in the following order.

## **AUTOMOBILE**

### SEM-I

<b>Day &amp; Date</b>	<b>2019 Course TIME 11.00 a.m. To 12.00 noon</b>
Monday, 03/10/2022	Numerical & Optimization Methods (316481)
Tuesday, 04/10/2022	Heat Transfer (316482)
Thursday, 06/10/2022	Design of Machine Components (316483)
Friday, 07/10/2022	Automobile Electrical and Electronics (316484)
Monday, 10/10/2022	<b>ELECTIVE-I</b> Advanced Forming & Joining Processes (302045-A)**
	<b>ELECTIVE-I</b> Machining Science and Technology (302045-B) **

**Note :- \*\* Common with Mechanical Engineering**

## CHEMICAL

### SEM-I

Day & Date	2019 Course TIME 11.00 a.m. To 12.00 noon
Monday, 03/10/2022	Mass Transfer-I (309341)
Tuesday, 04/10/2022	Chemical Technology -II (309342)
Thursday, 06/10/2022	Chemical Engineering Mathematics (309343)
Friday, 07/10/2022	Chemical Engineering Thermodynamics (309344)
Monday, 10/10/2022	<b>ELECTIVE-I</b> Chemical Industry Management (409345A)
	<b>ELECTIVE-I</b> Food Technology (309345 B)
	<b>ELECTIVE-I</b> Polymer Engineering (309345 C)
	<b>ELECTIVE-I</b> Downstream Processing (309345 D)

# CIVIL

## SEM-I

<b>Day &amp; Date</b>	<b>2019 Course TIME 11.00 a.m. To 12.00 noon</b>
Monday, 03/10/2022	Hydrology and Water Resources Engineering (301001)
Tuesday, 04/10/2022	Water Supply Engineering (301002)
Thursday, 06/10/2022	Design of Steel Structures (301003)
Friday, 07/10/2022	Engineering Economics and Financial Management (301004)
Monday, 10/10/2022	<b>ELECTIVE-I</b> Advanced Fluid Mechanics and Hydraulic Machines (301005 a)
	<b>ELECTIVE-I</b> Research Methodology and IPR (301005 b)
	<b>ELECTIVE-I</b> Construction Management. (301005 c)
	<b>ELECTIVE-I</b> Advanced Concrete Technology (301005 d)
	<b>ELECTIVE-I</b> Matrix Methods of Structural Analysis (301005 e)
	<b>ELECTIVE-I</b> Advanced Mechanics of Structures (301005 f)

## COMPUTER

### SEM-I

Day & Date	2019 Course TIME 11.00 a.m. To 12.00 noon
Monday, 03/10/2022	Database Management Systems (310241) *
Tuesday, 04/10/2022	Theory of Computation (310242)
Thursday, 06/10/2022	Systems Programming and Operating System (310243)
Friday, 07/10/2022	Computer Networks and Security (310244)
Monday, 10/10/2022	<b>ELECTIVE-I</b> Internet of Things and Embedded Systems (310245 A)
	<b>ELECTIVE-I</b> Human Computer Interface (310245 B)
	<b>ELECTIVE-I</b> Distributed Systems (310245 C)
	<b>ELECTIVE-I</b> Software Project Management (310245 D)

**Note :- \* Common with Artificial Intelligence and Data Science Engineering**

## ELECTRICAL

### SEM-I

Day & Date	2019 Course TIME 11.00 a.m. To 12.00 noon
Monday, 03/10/2022	Industrial and Technology Management (303141)
Tuesday, 04/10/2022	Power Electronics (303142)
Thursday, 06/10/2022	Electrical Machines-II (303143)
Friday, 07/10/2022	Electrical Installation Design and Condition Based Maintenance (303144)
Monday, 10/10/2022	<b>ELECTIVE-I</b> Advanced Microcontroller and Embedded System (303145 A)
	<b>ELECTIVE-I</b> Digital Signal Processing (303145 B)
	<b>ELECTIVE-I</b> Open Elective (303145 C)



## ELECTRONICS

### SEM-I

Day & Date	2019 Course TIME 11.00 a.m. To 12.00 noon
Monday, 03/10/2022	Power and Industrial Electronics (304201)
Tuesday, 04/10/2022	Electromagnetic Waves and Propagation Theory (404202)
Thursday, 06/10/2022	Database Management (304183) *
Friday, 07/10/2022	Microcontrollers and Applications (304204)
Monday, 10/10/2022	<b>ELECTIVE-I</b> Instrumentation systems (304205 )
	<b>ELECTIVE-I</b> Machine Learning (304205 )
	<b>ELECTIVE-I</b> Fundamentals of JAVA Programming (304185) *
	<b>ELECTIVE-I</b> Data Communication (304205 )
	<b>ELECTIVE-I</b> Computer Networks (304205 )
<b>Note :- * Common with E&amp;TC Engineering</b>	

## **ELECTRONICS & TELECOMMUNICATION**

### SEM-I

Day & Date	2019 Course TIME 11.00 a.m. To 12.00 noon
Monday, 03/10/2022	Digital Communication (304181)
Tuesday, 04/10/2022	Electromagnetic Field Theory (304182)
Thursday, 06/10/2022	Database Management (304183) *
Friday, 07/10/2022	Microcontrollers (304184)
Monday, 10/10/2022	<b>ELECTIVE-I</b> Digital Signal Processing (304185 )
	<b>ELECTIVE-I</b> Electronic Measurements (304185 )
	<b>ELECTIVE-I</b> Fundamentals of JAVA Programming (304185 ) *
	<b>ELECTIVE-I</b> Computer Networks (304185 )
<b>Note :- * Common with Electronics Engineering</b>	

## INFORMATION TECHNOLOGY

### SEM-I

Day & Date	2019 Course TIME 11.00 a.m. To 12.00 noon
Monday, 03/10/2022	Theory of Computation (314441)
Tuesday, 04/10/2022	Operating Systems (314442)
Thursday, 06/10/2022	Machine Learning (314443)
Friday, 07/10/2022	Human Computer Interaction (314444)
Monday, 10/10/2022	<b>ELECTIVE-I</b> Design and Analysis of Algorithm (314445 A)
	<b>ELECTIVE-I</b> Advanced Database and Management System (314445 B)
	<b>ELECTIVE-I</b> Design Thinking (314445 C)
	<b>ELECTIVE-I</b> Internet of Things (314445 D)

## **INSTRUMENTATION & CONTROL**

### SEM-I

<b>Day &amp; Date</b>	<b>2019 Course TIME 11.00 a.m. To 12.00 noon</b>
Monday, 03/10/2022	Embedded Systems (306261)
Tuesday, 04/10/2022	Industrial Automation-I (306262)
Thursday, 06/10/2022	Modern Control Theory (306263)
Friday, 07/10/2022	Operating System (306264)
Monday, 10/10/2022	<b>ELECTIVE-I</b> Mechatronics & Robotics (306265 A)
	<b>ELECTIVE-I</b> Data Science (306265 B)
	<b>ELECTIVE-I</b> Power Electronics (306265 C)
	<b>ELECTIVE-I</b> Bio-Medical Instrumentation (306265 D)

## MECHANICAL

### SEM-I

Day & Date	2019 Course TIME 11.00 a.m. To 12.00 noon
Monday, 03/10/2022	Numerical & Statistical Methods (302041) *
Tuesday, 04/10/2022	Heat & Mass Transfer (302042) *
Thursday, 06/10/2022	Design of Machine Elements (302043) *
Friday, 07/10/2022	Mechatronics (302044) *
Monday, 10/10/2022	<b>ELECTIVE-I</b> Advanced Forming & Joining Processes (302045-A) **
	<b>ELECTIVE-I</b> Machining Science & Technology (302045-B) **

NOTE:- \* **Common With Mechanical Sandwich Engineering**  
\*\* **Common with Automobile Engineering**

## MECHANICAL-SANDWICH

### SEM-I

Day & Date	2019 Course TIME 11.00 a.m. To 12.00 noon
Monday, 03/10/2022	Numerical & Statistical Methods (302041) *
Tuesday, 04/10/2022	Heat & Mass Transfer (302042) *
Thursday, 06/10/2022	Design of Machine Elements (302043) *
Friday, 07/10/2022	Mechatronics (302044) *
Monday, 10/10/2022	Fundamentals of Computer Aided Engineering (302061)

NOTE:- \* **Common With Mechanical Engineering**

## B. Tech. Biotechnology

### SEM-I

Day & Date	2019 Course TIME 11.00 a.m. To 12.00 noon
Monday, 03/10/2022	Analytical Techniques (315461)
Tuesday, 04/10/2022	Material Balances and Stoichiometry (315462)
Thursday, 06/10/2022	Genetic Engineering (315463)
Friday, 07/10/2022	Introduction to Immunology (315464)
Monday, 10/10/2022	<b>ELECTIVE-I</b> Enzyme Technology (315465 A)
	<b>ELECTIVE-I</b> Good Laboratory Practices and Good Manufacturing Practices (315465 B)
	<b>ELECTIVE-I</b> Agricultural Biotechnology (315465 C )

## Printing

### SEM-I

<b>Day &amp; Date</b>	<b>2019 Course TIME 11.00 a.m. To 12.00 noon</b>
Monday, 03/10/2022	Print Statistics (308281)
Tuesday, 04/10/2022	Offset Printing Techniques (308282)
Thursday, 06/10/2022	Color Science and Measurement (308283)
Friday, 07/10/2022	Ink Technology (308284)
Monday, 10/10/2022	<b>ELECTIVE-I</b> Cyber Security (308286 A)
	<b>ELECTIVE-I</b> Wood, Glass and Metal Based Packaging (308286 B)
	<b>ELECTIVE-I</b> Engineering Ethics (308286 C )



## Production

### SEM-I

Day & Date	2019 Course TIME 11.00 a.m. To 12.00 noon
Monday, 03/10/2022	Engineering Metrology and Instrumentation (311081 (A))
Tuesday, 04/10/2022	Material Forming Technology (311082 (A))
Thursday, 06/10/2022	Machining Science and Technology (311083 (A))
Friday, 07/10/2022	Kinematics and Design of Machines (311084 (A))
Monday, 10/10/2022	<b>ELECTIVE-I</b> Finite Element Analysis (311085 (A)-I)
	<b>ELECTIVE-I</b> Advances in Manufacturing Processes (311085 (A)-II)
	<b>ELECTIVE-I</b> Mechatronics (311085 (A)-III )
	<b>ELECTIVE-I</b> Supply Chain Management (311085 (A)-IV )

## Production Sandwich

SEM-I

<b>Day &amp; Date</b>	<b>2019 Course TIME 11.00 a.m. To 12.00 noon</b>
Monday, 03/10/2022	Manufacturing Technology (Self Study) [311122] (A)

## Electronics and Computer Engineering

### SEM-I

Day & Date	2019 Course TIME 11.00 a.m. To 12.00 noon
Monday, 03/10/2022	Database Management Systems [310341]
Tuesday, 04/10/2022	Advanced Java Programming [310342]
Thursday, 06/10/2022	Data Communication [310343]
Friday, 07/10/2022	Microcontroller and Applications [310344]
Monday, 10/10/2022	<b>ELECTIVE-I</b> Distributed Systems [310345 A]
	<b>ELECTIVE-I</b> Block Chain Technology [310345 B]
	<b>ELECTIVE-I</b> Digital Signal Processing [310345 C]
	<b>ELECTIVE-I</b> Sensors and Applications [310345 D]

## Mechatronics Engineering

### SEM-I

<b>Day &amp; Date</b>	<b>2019 Course TIME 11.00 a.m. To 12.00 noon</b>
Monday, 03/10/2022	Machine Design [317541]
Tuesday, 04/10/2022	Manufacturing Processes [317542]
Thursday, 06/10/2022	Control System [317543]
Friday, 07/10/2022	Digital Signal Processing [317544]
Monday, 10/10/2022	Microcontrollers [317545]

## Robotics and Automation Engineering

### SEM-I

Day & Date	2019 Course TIME 11.00 a.m. To 12.00 noon
Monday, 03/10/2022	Embedded systems in Robotics [311501] (A)
Tuesday, 04/10/2022	Hydraulics and Pneumatics [311502] (A)
Thursday, 06/10/2022	Robot Kinematics and Dynamics [311503] (A)
Friday, 07/10/2022	Sensors Technology [311504] (A)
Monday, 10/10/2022	<b>ELECTIVE-I</b> Statistics and Numerical Methods [311505] (A)-I
	<b>ELECTIVE-I</b> Finite Element Analysis [311505] (A)-II
	<b>ELECTIVE-I</b> Industrial Robotics and Material handling Systems [311505] (A)-III
	<b>ELECTIVE-I</b> Intelligent Manufacturing System [311505] (A)-IV

## Artificial Intelligence and Data Science

### SEM-I

Day & Date	2019 Course TIME 11.00 a.m. To 12.00 noon
Monday, 03/10/2022	Data Base Management System [310241] *
Tuesday, 04/10/2022	Computer Networks [317521]
Thursday, 06/10/2022	Web Technology [310252]
Friday, 07/10/2022	Artificial Intelligence [310253]
Monday, 10/10/2022	<b>ELECTIVE-I</b> Embedded Systems & Security [317522] (A)
	<b>ELECTIVE-I</b> Design Thinking [314445] (C)
	<b>ELECTIVE-I</b> Pattern Recognition [317522] (B)
	<b>ELECTIVE-I</b> Human Computer Interface [310245] (B)

**Note :- \* Common with Computer Engineering**

## Artificial Intelligence and Machine Learning

### SEM-I

Day & Date	2019 Course TIME 11.00 a.m. To 12.00 noon
Monday, 03/10/2022	Design and analysis of Algorithm [318541]
Tuesday, 04/10/2022	IoT with Artificial Intelligence [318542]
Thursday, 06/10/2022	Web Technology [318543]
Friday, 07/10/2022	Management & Entrepreneurship for IT Industry [318544]
Monday, 10/10/2022	<b>ELECTIVE-I</b> Robotics [318545] (A)
	<b>ELECTIVE-I</b> Pattern Recognition [318545] (B)
	<b>ELECTIVE-I</b> Information Security [318545] (C)
	<b>ELECTIVE-I</b> Business Intelligence [318545] (D)

**HONORS / MINORS****SEM-I**

<b>Day &amp; Date</b>	<b>Honors / Minors</b>	<b>TIME 11.00 a.m. To 12.00 noon</b>
<b>Tuesday, 11/10/2022</b>	Artificial Intelligence And Machine	Computational Statistics (310301)
	Cyber Security	Information and Cyber Security (310401)
	Data Science	Data Science and Visualization (310501)
	Internet of Things	Embedded Systems and Internet of Things (310601)
	Virtual Reality And Augmented Reality	Virtual Reality (310701)
	Systems Engineering	Foundations of systems & systems engineering (302041MJ)
	Energy Management in Utility Systems	Energy Management (302021MJ)
	Electric Vehicles	e-Vehicle Technology (302031MJ)
	3D Printing	Additive Manufacturing Technology (302011MJ)
	Robotics	Principles of Robotics (304181 HR)
	Block Chain Technology	Introduction to Block chain (304181 HBCT)
	Metro Construction	Surveying in Metro construction (301301)
	Architecture and Town Planning	Urban Housing and Infrastructure Planning (301401)
	Advanced Packaging Technology	Internet of Things (308211)

Ganeshkhind, Pune - 411 007

**Ref.No/ XCT / 609**

**Date: 17 / 09 / 2022**

**Director**

**Board of Examinations and Evaluation**



# **SAVITRIBAI PHULE PUNE UNIVERSITY**

**(Formerly University of Pune)**



**EXAMINATION CIRCULAR NO. 210 OF. 2022**

**BACHELOR OF ENGINEERING (2019 PATTERN)**

**Examination of INSEM SEPT./OCT-2022**

**(Under Faculty of SCIENCE AND TECHNOLOGY: B)ENGINEERING)**

## **INSTRUCTIONS FOR CANDIDATES**

- Candidates are required to be present at the examination centre, THIRTY MINUTES before the stipulated time.
- Candidates are forbidden from taking any material into the examination hall that can be treated as a malpractice.
- Candidates are requested to see the Notice Board at their center of examination regularly for changes if any that may be notified later in the program.
- No request shall be granted for change in time or date for the University Examination on any ground.
- Candidates are requested to note the Day, Date and Time of Paper.
- Candidates are permitted to use stencils at the time of examination.
- The exchanges of side-rules, drawing instruments of other materials used in the examination hall is not permitted at the time of examination. Candidates must bring their own instruments and will not be allowed to borrow from each other under any circumstances.
- Use of non-programmable battery operated electronic pocket size Calculator is allowed. The exchange of Calculators is not allowed. Electronics Devices including mobile are not allowed at the time of examination.
- The written examination will be conducted in the following order.

## **B.E. (AUTOMOBILE ENGINEERING)**

### **SEMESTER-VII**

**Time – 2.00 p.m to 3.00 p.m.**

<b>Day &amp; Date</b>	<b>SUBJECT (2019 Course)</b>	<b>SUBJECT CODE</b>
<b>Monday, 03/10/2022</b>	Automotive Testing and Certification	416481
<b>Tuesday, 04/10/2022</b>	Machine and Vehicle Dynamics	416482
<b>Friday, 07/10/2022</b>	(ELECTIVE - III) Artificial Intelligence and Machine Learning	416484 A
	(ELECTIVE - III) Automotive Control Systems	416484 B
	(ELECTIVE - III) Internet of Things**	402044 E
<b>Monday, 10/10/2022</b>	(ELECTIVE - IV) Finite Elements Analysis	416485 A
	(ELECTIVE - IV) Computational Fluid Dynamics	416485 B

**NOTE: \*\*** COMMON WITH MECHANICAL ENGINEERING

## **B.E. (BIOTECHNOLOGY ENGINEERING)**

### **SEMESTER-VII**

**Time – 2.00 p.m to 3.00 p.m.**

<b>Day &amp; Date</b>	<b>SUBJECT (2019 Course)</b>	<b>SUBJECT CODE</b>
<b>Monday, 03/10/2022</b>	Biochemical Engineering	415461
<b>Tuesday, 04/10/2022</b>	Bioinformatics	415462
<b>Friday, 07/10/2022</b>	(ELECTIVE - III) Bioprocess Equipment Design	415463 A
	(ELECTIVE - III) Environmental Biotechnology	415463 B
	(ELECTIVE - III) Genomics	415463 C
<b>Monday, 10/10/2022</b>	(ELECTIVE - IV) Bioenergy and Renewable Resources	415464 A
	(ELECTIVE - IV) Nanotechnology	415464 B
	(ELECTIVE - IV) Stem Cell Biology and Regenerative Medicine	415464 C

# **B.E. (CHEMICAL ENGINEERING)**

## **SEMESTER-VII**

**Time – 2.00 p.m to 3.00 p.m.**

<b>Day &amp; Date</b>	<b>SUBJECT (2019 Course)</b>	<b>SUBJECT CODE</b>
<b>Monday, 03/10/2022</b>	Process Dynamics and Control	409341
<b>Tuesday, 04/10/2022</b>	Chemical Reaction Engineering- II	409342
<b>Thursday, 06/10/2022</b>	Chemical Engineering Design	409343
<b>Friday, 07/10/2022</b>	(ELECTIVE - III) Environmental Engineering	409344 A
	(ELECTIVE - III) Membrane Technology	409344 B
	(ELECTIVE - III) Industrial Piping	409344 C
	(ELECTIVE - III) Petroleum Refining	409344 D
<b>Monday, 10/10/2022</b>	(ELECTIVE - IV) Chemical Process Synthesis	409345 A
	(ELECTIVE - IV) Industrial Management & Entrepreneurship	409345 B
	(ELECTIVE - IV) Green Technology	409345 C
	(ELECTIVE - IV) Advance Separation Processes	409345 D

## **B.E. (CIVIL)**

### **SEMESTER-VII**

**Time – 2.00 p.m to 3.00 p.m.**

<b>Day &amp; Date</b>	<b>SUBJECT (2019 Course)</b>	<b>SUBJECT CODE</b>
<b>Monday, 03/10/2022</b>	Foundation Engineering	401001
<b>Tuesday, 04/10/2022</b>	Transportation Engineering	401002
<b>Friday, 07/10/2022</b>	(ELECTIVE - III) Coastal Engineering	401003 A
	(ELECTIVE - III) Advanced Design of Concrete Structures	401003 B
	(ELECTIVE - III) Integrated Water Resources Planning & Management	401003 C
	(ELECTIVE - III) Finite Element Method	401003 D
	(ELECTIVE - III) Data Analytics	401003 E
	(ELECTIVE - III) Operation Research	401003 F
<b>Monday, 10/10/2022</b>	(ELECTIVE - IV) Air Pollution and Control	401004 A
	(ELECTIVE - IV) Advanced Design of Steel Structures	401004 B
	(ELECTIVE - IV) Statistical Analysis and Computational Method	401004 C
	(ELECTIVE - IV) Airport and Bridge Engineering	401004 D
	(ELECTIVE - IV) Design of Prestressed Concrete Structures	401004 E
	(ELECTIVE - IV) Formwork and Plumbing Engineering	401004 F

# **B.E. (COMPUTER ENGINEERING)**

## **SEMESTER-VII**

**Time – 2.00 p.m to 3.00 p.m.**

<b>Day &amp; Date</b>	<b>SUBJECT (2019 Course)</b>	<b>SUBJECT CODE</b>
<b>Monday, 03/10/2022</b>	Design and Analysis of Algorithms	410241
<b>Tuesday, 04/10/2022</b>	Machine Learning	410242
<b>Thursday, 06/10/2022</b>	Block chain Technology	410243
<b>Friday, 07/10/2022</b>	(ELECTIVE - III) Pervasive Computing	410244 A
	(ELECTIVE - III) Multimedia Techniques	410244 B
	(ELECTIVE - III) Cyber Security and Digital Forensics	410244 C
	(ELECTIVE - III) Object Oriented Modeling and Design	410244 D
	(ELECTIVE - III) Digital Signal Processing	410244 E
<b>Monday, 10/10/2022</b>	(ELECTIVE - IV) Information Retrieval	410245 A
	(ELECTIVE - IV) GPU Programming and Architecture	410245 B
	(ELECTIVE - IV) Mobile Computing	410245 C
	(ELECTIVE - IV) Software Testing and Quality Assurance	410245 D
	(ELECTIVE - IV) Compilers	410245 E

# **B.E. (MECHANICAL)**

## **SEMESTER-VII**

**Time – 2.00 p.m to 3.00 p.m.**

<b>Day &amp; Date</b>	<b>SUBJECT (2019 Course)</b>	<b>SUBJECT CODE</b>
<b>Monday, 03/10/2022</b>	Heating Ventilation Air-Conditioning and Refrigeration	402041
<b>Tuesday, 04/10/2022</b>	Dynamics of Machinery	402042
<b>Friday, 07/10/2022</b>	(ELECTIVE - III) Automobile Design	402044 A
	(ELECTIVE - III) Design of Heat Transfer Equipments	402044 B
	(ELECTIVE - III) Modern Machining Processes	402044 C
	(ELECTIVE - III) Industrial Engineering	402044 D
	(ELECTIVE - III) Internet of Things	402044 E
	(ELECTIVE - III) Computational Fluid Dynamics	402044 F
<b>Monday, 10/10/2022</b>	(ELECTIVE - IV) Product Design and Development	402045 A
	(ELECTIVE - IV) Experimental Methods in Thermal Engineering	402045 B
	(ELECTIVE - IV) Additive Manufacturing	402045 C
	(ELECTIVE - IV) Operations Research	402045 D
	(ELECTIVE - IV) Augmented Reality and Virtual Reality	402045 E

# **B.E. (ELECTRICAL)**

## **SEMESTER-VII**

**Time – 2.00 p.m to 3.00 p.m.**

<b>Day &amp; Date</b>	<b>SUBJECT (2019 Course)</b>	<b>SUBJECT CODE</b>
<b>Monday, 03/10/2022</b>	Power System Operation & Control	403141
<b>Tuesday, 04/10/2022</b>	Advanced Control System	403142
<b>Friday, 07/10/2022</b>	(ELECTIVE - III) PLC and SCADA	403143 A
	(ELECTIVE - III) Power Quality Management	403143 B
	(ELECTIVE - III) High Voltage Engineering	403143 C
	(ELECTIVE - III) Robotics and Automation	403143 D
<b>Monday, 10/10/2022</b>	(ELECTIVE - IV) Alternate Energy System	403144 A
	(ELECTIVE - IV) Electrical & Hybrid Vehicle	403144 B
	(ELECTIVE - IV) Special-purpose Machines	403144 C
	(ELECTIVE - IV) HVDC & FACTS	403144 D



## **B.E. (ELECTRONICS)**

### **SEMESTER-VII**

**Time – 2.00 p.m to 3.00 p.m.**

<b>Day &amp; Date</b>	<b>SUBJECT (2019 Course)</b>	<b>SUBJECT CODE</b>
<b>Monday, 03/10/2022</b>	VLSI Design	404201
<b>Tuesday, 04/10/2022</b>	Advanced Power Electronics	404202
<b>Thursday, 06/10/2022</b>	Electronic System Design	404203
<b>Friday, 07/10/2022</b>	(ELECTIVE - III) Speech Processing *	404184 A
	(ELECTIVE - III) Internet of Things	404204 A
	(ELECTIVE - III) Software Defined Radio	404204 B
	(ELECTIVE - III) Testing and Verification for SOC design	404204 C
	(ELECTIVE - III) Java Script*	404184 C
<b>Monday, 10/10/2022</b>	(ELECTIVE - IV) Mobile Communication	404205 A
	(ELECTIVE - IV) Embedded Systems	404205 B
	(ELECTIVE - IV) Optimization Techniques	404205 C
	(ELECTIVE - IV) Low power CMOS*	404185 D
	(ELECTIVE - IV) Smart Antennas*	404185 E

**NOTE: \*** COMMON WITH E&TC.

# **B.E. (ELECTRONICS & TELECOMMUNICATIONS)**

## **SEMESTER-VII**

**Time – 2.00 p.m to 3.00 p.m.**

<b>Day &amp; Date</b>	<b>SUBJECT (2019 Course)</b>	<b>SUBJECT CODE</b>
<b>Monday, 03/10/2022</b>	Radiation & Microwave Theory	404181
<b>Tuesday, 04/10/2022</b>	VLSI Design and Technology	404182
<b>Thursday, 06/10/2022</b>	Cloud Computing	404183
<b>Friday, 07/10/2022</b>	(ELECTIVE - III) Speech Processing	404184 A
	(ELECTIVE - III) PLC SCADA & Automation	404184 B
	(ELECTIVE - III) JAVA Script	404184 C
	(ELECTIVE - III) Embedded & RTOS	404184 D
	(ELECTIVE - III) Modernized IoT	404184 E
<b>Monday, 10/10/2022</b>	(ELECTIVE - IV) Data Mining	404185 A
	(ELECTIVE - IV) Electronic Product Development	404185 B
	(ELECTIVE - IV) Deep Learning	404185 C
	(ELECTIVE - IV) Low Power CMOS	404185 D
	(ELECTIVE - IV) Smart Antennas	404185 E

## **B.E. (INFORMATION TECHNOLOGY)**

### **SEMESTER-VII**

**Time – 2.00 p.m to 3.00 p.m.**

<b>Day &amp; Date</b>	<b>SUBJECT (2019 Course)</b>	<b>SUBJECT CODE</b>
<b>Monday, 03/10/2022</b>	Information and Storage Retrieval	414441
<b>Tuesday, 04/10/2022</b>	Software Project Management	414442
<b>Thursday, 06/10/2022</b>	Deep Learning	414443
<b>Friday, 07/10/2022</b>	(ELECTIVE - III) Mobile Computing	414444 A
	(ELECTIVE - III) High Performance Computing	414444 B
	(ELECTIVE - III) Multimedia Technology	414444 C
	(ELECTIVE - III) Smart Computing	414444 D
<b>Monday, 10/10/2022</b>	(ELECTIVE - IV) Bioinformatics	414445 A
	(ELECTIVE - IV) Introduction to DevOps	414445 B
	(ELECTIVE - IV) Computer Vision	414445 C
	(ELECTIVE - IV) Wireless Communications	414445 D

## **B.E. INSTRUMENTATION & CONTROL**

### **SEMESTER-VII**

**Time – 2.00 p.m to 3.00 p.m.**

<b>Day &amp; Date</b>	<b>SUBJECT (2019 Course)</b>	<b>SUBJECT CODE</b>
<b>Monday, 03/10/2022</b>	Process Control Techniques	406261
<b>Tuesday, 04/10/2022</b>	Project Engineering and Management	406262
<b>Friday, 07/10/2022</b>	(ELECTIVE - III) Digital Image Processing	406263 A
	(ELECTIVE - III) Data Analytics	406263 B
	(ELECTIVE - III) Wireless Sensor Networks	406263 C
	(ELECTIVE - III) Process Modelling and Optimization	406263 D
<b>Monday, 10/10/2022</b>	(ELECTIVE - IV) Cloud Computing	406264 A
	(ELECTIVE - IV) Soft Computing	406264 B
	(ELECTIVE - IV) Automotive Instrumentation	406264 C
	(ELECTIVE - IV) Advanced Control System	406264 D

## **B.E. PRINTING TECHNOLOGY**

### **SEMESTER-VII**

**Time – 2.00 p.m to 3.00 p.m.**

<b>Day &amp; Date</b>	<b>SUBJECT (2019 Course)</b>	<b>SUBJECT CODE</b>
<b>Monday, 03/10/2022</b>	Gravure Printing Techniques	408283
<b>Tuesday, 04/10/2022</b>	Digital Printing Techniques	408284
<b>Friday, 07/10/2022</b>	(ELECTIVE - III) Paper Board and Corrugation Package Technology	408281 A
	(ELECTIVE - III) Polymer Science	408281 B
<b>Monday, 10/10/2022</b>	(ELECTIVE - IV) Multimedia Advertising	408282 A
	(ELECTIVE - IV) Process Optimization and Total Quality Management in Printing	408282 B

## **B.E. PRODUCTION ENGINEERING**

### **SEMESTER-VII**

**Time – 2.00 p.m to 3.00 p.m.**

<b>Day &amp; Date</b>	<b>SUBJECT (2019 Course)</b>	<b>SUBJECT CODE</b>
<b>Monday, 03/10/2022</b>	Automation and Control Engineering	411081
<b>Tuesday, 04/10/2022</b>	Operations Research	411082
<b>Friday, 07/10/2022</b>	(ELECTIVE - III) Simulation, Modeling and Digital Twin	411083 A
	(ELECTIVE - III) Total Quality management	411083 B
	(ELECTIVE - III) Artificial Intelligence in Manufacturing	411083 C
	(ELECTIVE - III) World Class Manufacturing	411083 D
<b>Monday, 10/10/2022</b>	(ELECTIVE - IV) Plant Maintenance and industrial safety	411084 A
	(ELECTIVE - IV) Surface Engineering	411084 B
	(ELECTIVE - IV) Reverse Engineering	411084 C
	(ELECTIVE - IV) Entrepreneurship and Innovations	411084 D

## **B.E. PRODUCTION SANDWICH ENGINEERING**

### **SEMESTER-VII**

**Time – 2.00 p.m to 3.00 p.m.**

<b>Day &amp; Date</b>	<b>SUBJECT (2019 Course)</b>	<b>SUBJECT CODE</b>
<b>Monday, 03/10/2022</b>	Manufacturing Automation	411121
<b>Tuesday, 04/10/2022</b>	Operations Research	411122
<b>Friday, 07/10/2022</b>	(ELECTIVE - III) Additive Manufacturing	411123 A
	(ELECTIVE - III) Industrial Robotics	411123 B
	(ELECTIVE - III) Reliability Engineering	411123 C
	(ELECTIVE - III) Micro-Electro mechanical systems	411123 D
<b>Monday, 10/10/2022</b>	(ELECTIVE - IV) Creative Product Design	411124 A
	(ELECTIVE - IV) Mechatronics	411124 B
	(ELECTIVE - IV) CAD/CAM	411124 C
	(ELECTIVE - IV) Data analytics	411124 D

## **B.E. HONORS / MINORS**

### **SEMESTER-VII**

**Time – 2.00 p.m to 3.00 p.m.**

<b>Day &amp; Date</b>	<b>SUBJECT (2019 Course)</b>	<b>SUBJECT CODE</b>
<b>Tuesday, 11/10/2022</b>	Traffic and Transportation Planning	401401
	Work Method Statement Making	401301
	Sustainable Packaging	408214
	Smart Contracts & Cryptocurrency	404181
	Industrial Robotics & Automation	404181
	Additive Manufacturing System Design	402014
	Modelling and Simulation of EHV	402034
	Electrical Energy Systems	402024
	System modelling and simulation	402044
	Machine Learning	410301
	Internet of Things and Embedded Security	410401
	Machine Learning and Data Science	410501
	Machine Learning for Internet of Things	410601
	Virtual Reality in Game Development	410701

Ganeshkhind, Pune-411007  
Ref. / XCT / 607  
Date: 16/09/2022

Director  
Board of Examinations & Evaluation





*Shri Someshwar Shikshan Prasarak Mandal's*  
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Someshwarnagar Tal – Baramati, Dist – Pune 412 306  
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# Paper Solution



  
PRINCIPAL  
Sharadchandra Pawar College of Engineering & Technology  
Someshwarnagar, Tal. Baramati, Dist. Pune (Pin : 412 306)

Total No. of Questions : 4]

P-14066

[Total No. of Pages : 3

[6187]-S-476

T.E. (Mechanical/Mechanical Sandwich) (Insem.)

MECHATRONICS

(2019 Pattern) (Semester - I) (302044)

**Solution and Scheme of Marking**

Q.1	a)	What is Mechatronics? Describe the basic elements of the mechatronics system with a block diagram. a. 1-mark definition b. 2-mark block diagram c. 4-mark explanation	7 Marks
	b)	List and explain any eight static characteristics along with definition. a. 1 mark for each characteristics with definition	8 Marks
Q.2	a)	Define Actuator? What are Selection Criteria of Actuator? a. 1 mark-Definition b. 5 marks -Explain Selection Criteria of Actuator in brief. (minimum 5 points )	6 Marks
	b)	What is BioSensor? How does it Works? Explain its application in Electrocardiography? a. 1-mark for Definition b. 2 marks for Block diagram c. 2- mark for Working Principle [minimum 4 points] d. 4-marks for Explanation of Electrocardiography [minimum 4 points]	9 Marks
Q.3	a)	With a suitable example, explain where serial communication would be preferred over parallel communication. List advantages of Serial Communication. a. 1-mark for example b. 4-marks for explanation [minimum 4 points] c. 2-mark for advantages	7 Marks
	b)	Analyse a 4-bit R2R type Digital-to-Analog Converter (DAC) supplied with a 2.56 volts DC reference potential. Calculate i) Full-Scale Output Potential ii) Least Significant Bit (LSB) for this DAC configuration. Explain the significance of these values in the context of digital-to-analog conversion, <b>Solution:-</b> In a 4-bit DAC, the Full-Scale Output Potential corresponds to the highest analog voltage that can be generated. Since it's a 4-bit DAC, the highest binary input is 1111 (15 in decimal).	8 Marks

P.T.O.

	<p><b>Full-Scale Output Potential</b> = <math>\frac{\text{Binary Input in Decimal}}{2^{\text{Number of Bits}}} * \text{Reference Potential}</math>  .....( 1 Mark)</p> <p>Full-Scale Output Potential = (15 / 16) * 2.56 V  Full-Scale Output Potential = 2.4 V.....( 1 Mark)</p> <p>- <b>**Least Significant Bit (LSB):**</b> The LSB represents the smallest change in the analog output voltage that can be achieved. It's determined by dividing the Reference Potential by 2<sup>Number of Bits</sup>.</p> <p><b>LSB</b> = <math>\frac{\text{Reference Potential}}{2^{\text{Number of Bits}}}</math>  /.....( 1 Mark)</p> <p>LSB = 2.56 V / 16  LSB = 0.16 V.....( 1 Mark)</p> <p><b>4 marks for Significance of Full Scale Output Potential &amp; LSB [minimum 4 points]</b></p>	
Q. 4	<p>a) Explain Digital Video Broadcasting with one application.  a. 1 mark State name of application  b. 6 mark for explanation [minimum 6 points ]</p>	7 Marks
	<p>b) A 4 bit DAC has a reference voltage 10 V &amp; binary input is 1011.  i) Find the analog output voltage.  ii) Justify the steps involved in the calculation, explain in brief the relationship between the binary input, the number of bits, and the reference voltage.  <b>Solution</b>  To calculate the analog output voltage of a Digital-to-Analog Converter (DAC), we use the formula:</p> <p><b>Analog Output Voltage</b> = <math>\frac{\text{Binary Input in Decimal}}{2^{\text{Number of Bits}}} * \text{Reference Potential}</math>  .....( 1 Mark)</p> <p>In this case, the binary input is 1011, which is equivalent to the decimal value 11. The number of bits is 4, and the reference voltage is 10 V.</p> <p><b>**Step 1:** Convert Binary Input to Decimal:</b>  The binary input 1011 can be converted to decimal as follows:  1011 = (1 * 2<sup>3</sup>) + (0 * 2<sup>2</sup>) + (1 * 2<sup>1</sup>) + (1 * 2<sup>0</sup>)  = 8 + 0 + 2 + 1  = 11.....( 1 Mark)</p> <p><b>**Step 2:** Calculate Analog Output Voltage:</b>  Using the formula mentioned earlier:</p>	8 Marks

	<p>Analog Output Voltage = <math>(11 / 16) * 10 \text{ V}</math> = <math>0.6875 * 10 \text{ V}</math> = <math>6.875 \text{ V}</math>.....( 2 Mark)</p> <p><b>-1 mark for each step justification</b> <b>-2 mark for relationship between binary input, the number of bits, and the reference voltage</b></p>	
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[6187]-S-475

**T.E. (Mechanical Sandwich) (Insem.)  
DESIGN OF MACHINE ELEMENTS  
(2019 Pattern) (Semester - I) (302043)**

**Model Answer & Marking Scheme**

- Q. 1 a) Explanation of each term  $2 \times 3 =$  [6]
- b) • permissible stresses  
 $\sigma_c = 126.67 \text{ N/mm}^2$ ;  $\tau = 31.67 \text{ N/mm}^2$  } - [2]  
 $\sigma_t = 63.33 \text{ N/mm}^2$
- Inside diameter of socket ( $d_2$ ) =  $60.45 \approx 65 \text{ mm}$  [2]
- outside diameter of socket ( $d_1$ ) =  $85 \text{ mm}$  [3]
- Diameter of socket collar ( $d_4$ ) =  $135 \text{ mm}$  [2]
- OR
- Q. 2 a) Design procedure of bell crank lever [9]  
 with necessary sketches
- b) Permissible stress =  $152 \text{ N/mm}^2$  [1]
- Calculation of direct tensile & bending stresses [3]
- $$\sigma_t = \frac{P}{A} \pm \frac{M}{I} \cdot y \quad \therefore \sigma_t = \frac{800}{t}$$
- $$\therefore \frac{800}{t} = 152 \rightarrow t = 5.26 \text{ mm} \quad [2]$$
- Q. 3 a) Design procedure of hollow shaft on torsional rigidity ~~approximate~~ method. [6]
- $$\theta = \frac{584 M_t \cdot L}{G d_o^4 (1 - c^4)} \quad \therefore (c = d_i/d_o)$$
- b) Drawing of figure [1]
- Total vertical load =  $7200 \text{ N}$  [1]
- Bending Moment =  $2880 \times 10^3 \text{ N-mm}$  [2]
- $T_e = 3950 \times 10^3 \text{ N-mm}$  [3]
- diameter of shaft  $d = 78 \approx 80 \text{ mm}$  [2]
- Q. 4 a) classification of keys [2]  
 Derivation [4]

Q. 4 (b) Permissible stress \_\_\_\_\_ [1]

$$\sigma_t = 126.67 \text{ N/mm}^2$$

• Torque transmitted by shaft \_\_\_\_\_ [1]

$$M_t = 1591549.4 \text{ N}\cdot\text{mm}$$

Frictional radius \_\_\_\_\_ [3]

$$R_f = 88.1 \text{ mm}$$

Force on bolts = 20072.51 N \_\_\_\_\_ [2]

Diameter of bolts = 14.2 \_\_\_\_\_ [2]

□□□



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# Internal Assessment



  
PRINCIPAL  
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*Shri Someshwar Shikshan Prasarak Mandal's*  
**SHARADCHANDRA PAWAR COLLEGE OF ENGINEERING & TECHNOLOGY**  
 DEPARTMENT OF CIVIL ENGINEERING  
**PROJECT EVALUATION SHEET**

Name of Students	Marks out of 50	Group No-01			
		Topic Name- Evaluation of construction Labour Productivity & Its Improvement			
Prof. Atkari R.S.		Darade Saurab	Patel Y.S.	Survyadi A.	Survyadi S.
Appropriate Introduction in the line of project title and area of project work	05	03	03	03	03
Well defined problem statement	02	01	01	01	01
specific objectives,	02	01	01	01	01
scope of the work,	01	01	01	01	01
research methodology	03	02	02	02	02
expected outcome	02	01	01	01	01
Originality of the project work	05	03	03	03	03
Literature Survey:					
i) International Journal Papers	03	02	02	02	02
ii) National Journal Papers	05	04	04	03	03
iii) Other relevant literature	02	01	01	01	01
Planning Schedule : Appropriate planning	05	03	03	03	03
Quality of Term Work as per given format	10	07	07	08	07
Individual contribution of student in the team	05	04	03	04	03
<b>Total</b>	<b>50</b>	<b>32</b>	<b>32</b>	<b>33</b>	<b>31</b>



*(Signature)*  
 PRINCIPAL  
 Sharadchandra Pawar College of Engineering & Technology  
 Someshwarnagar, Tal. Baramati, Dist. Pune (Pin: 412 306)



SSPM'S SHARADCHANDRA PAWAR COLLEGE OF ENGINEERING & TECHNOLOGY, SOMESHWARNAGAR  
ASSESSMENT RECORD

Department: Humanity & Science  
Class: FE (DIV-B)

Academic Year: 2022-23

Semester: I

Subject: Engg. Physics

Subject In Charge: Prof. Attar K.C.

Roll No.	Name of Candidate	EXP 1				EXP 2				EXP 3				EXP 4				EXP 5				EXP 6				EXP 7				Total	Out of 25
		A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D		
FE167	BADGIJAR YASHSHRI GOPAL	1	2	1	2	2	1	1	2	1	2	1	2	2	1	1	2	1	2	1	2	1	2	1	2	2	2	1	3	44	16
FE168	BADGIJAR KUNAL SUNIL	2	2	1	2	1	2	1	3	2	2	1	2	2	2	1	3	2	2	1	2	1	2	2	3	2	3	1	3	53	19
FE169	BARDADE PRATHMESH SHANTARAM	2	2	1	2	1	2	1	3	2	2	1	2	1	2	1	3	2	2	1	2	1	2	1	3	2	3	1	2	50	18
FE170	BARAWKAR SHRUTI MOHAN	2	2	1	2	1	2	1	3	2	2	1	2	2	2	1	3	2	2	1	2	1	2	2	3	2	3	1	3	53	19
FE171	BHOSALE SAKSHI ASHOK	2	3	1	2	2	2	2	3	2	3	2	2	1	2	2	3	2	3	2	2	2	2	2	3	2	3	2	2	61	22
FE172	CHANDGUDE POOJA RAMCHANDRA	2	3	2	2	2	2	2	3	2	3	2	2	2	2	2	3	2	3	2	2	2	2	2	3	2	3	2	3	64	23
FE173	CHAVAN PRATIKSHA BALASAHEB	2	3	1	2	2	2	2	3	2	3	2	2	1	2	2	3	2	3	2	2	2	2	2	3	2	3	2	2	61	22
FE174	CHOPADE SANDIP DADASO	1	2	1	2	2	1	1	2	1	2	1	2	2	1	1	2	1	2	1	2	1	2	1	2	2	2	1	3	44	16
FE175	CHOUDHARI TEJASVI LAXMAN	2	3	1	2	2	2	2	3	2	3	1	2	1	2	2	3	2	3	1	2	2	2	2	3	2	3	1	2	58	21
FE176	DHABARDE RUCHIR RAJESH	2	2	1	2	1	2	1	3	2	2	1	2	1	2	1	3	2	2	1	2	1	2	1	3	2	3	1	2	50	18
FE177	DHAYGUDE GAURAV DADASAHEB	1	2	1	2	2	1	1	2	1	2	1	2	2	1	1	2	1	2	1	2	1	2	1	2	2	2	1	3	44	16
FE178	GAIKWAD SAKSHI ANIL	2	3	1	2	2	2	2	3	2	3	1	2	1	2	2	3	2	3	1	2	1	2	2	3	2	2	1	2	50	20
FE179	JADHAV PRITI VIJAY	2	3	1	2	2	2	2	3	2	3	1	2	1	2	2	3	2	3	1	2	1	2	2	3	2	2	1	2	50	20
FE180	JADHAV SUSHANT PRAKASH	2	2	1	2	1	2	1	3	2	2	1	2	2	2	1	3	2	2	1	2	1	2	2	3	2	3	1	3	53	19
FE181	JAGTAP VIRAJ RAJENDRA	2	2	1	2	1	2	1	3	2	2	1	2	1	2	1	3	2	2	1	2	1	2	1	3	2	3	1	2	50	18
FE182	JAGTAP VISHAL HANUMANT	1	2	1	2	2	1	1	2	1	2	1	2	2	1	1	2	1	2	1	2	1	2	1	2	2	2	1	3	44	16
FE183	KADAM VAISHNAVI RAJENDRA	2	3	1	2	2	2	2	3	2	3	1	2	1	2	2	3	2	3	1	2	2	2	2	3	2	3	1	2	58	21
FE184	KADAM VAISHNAVI VIJAYSINH	2	3	2	2	2	2	2	3	2	3	2	2	2	2	2	3	2	3	2	2	2	2	2	3	2	3	2	3	64	23
FE185	KALE SANGRAM NAVNATH	2	3	1	2	2	2	2	3	2	3	1	2	1	2	2	3	2	3	1	2	2	2	2	3	2	3	1	2	58	21
FE186	KATE ONKAR BALASO	1	2	1	2	2	1	1	2	1	2	1	2	2	1	1	2	1	2	1	2	1	2	1	2	2	2	1	3	44	16
FE187	MANE CHETAN DATTATRAY	2	2	1	2	1	2	1	3	2	2	1	2	2	2	1	3	2	2	1	2	1	2	2	3	2	3	1	3	53	19





FE214	SURYAWANSHI SNEHA SACHIN	2	3	1	2	2	2	3	2	3	1	2	1	2	2	3	2	3	1	2	2	2	3	2	3	1	2	58	21		
FE215	SURYAWANSHI SHREYA SANTOSH	2	3	1	2	2	2	3	2	3	1	2	1	2	2	3	2	3	1	2	1	2	2	3	2	3	1	2	56	20	
FE216	TAMBOLI ZAYED ASIF	2	2	1	2	1	2	1	3	2	2	1	2	2	2	1	3	2	2	1	2	1	2	2	3	2	3	1	3	53	19
FE217	TAWARE SARANG SHEKHAR	2	2	1	2	1	2	1	3	2	2	1	2	1	2	1	3	1	2	1	3	1	2	1	2	2	3	1	2	50	18
FE218	TAWARE SWANAND SURYAKANT	2	3	1	2	2	2	2	3	2	3	1	2	1	2	2	3	2	3	1	2	1	2	2	3	1	2	50	18		
FE219	THOMBARE LOKESH PRASHANT	1	2	1	2	2	1	1	2	1	2	1	2	2	1	1	2	1	2	1	2	1	2	2	3	2	2	1	2	50	20
FE220	THOPATE SHREYA ANIL	2	2	1	2	1	2	1	3	2	2	1	2	2	2	1	3	2	2	1	2	1	2	2	3	2	3	1	3	44	16
FE221	THOPATE SHRUTI MARUTI	2	3	1	2	2	2	2	3	2	3	1	2	1	2	2	3	2	3	1	2	1	2	2	3	2	3	1	3	53	19
FE222	TJORE MAYUR KISHOR	2	2	1	2	1	2	1	3	2	2	1	2	1	2	1	3	2	2	1	2	1	2	1	3	2	3	1	2	50	18
FE223	YADAV HARSHAD SANTOSH	2	2	1	2	1	2	1	3	2	2	1	2	1	2	1	3	2	2	1	2	1	2	1	3	2	3	1	2	50	18

A : Regular attendance = 02 marks, B- Timely completion = 03 marks C- Neat and clean writing = 02 marks D-Depth of understanding = 03 marks

