

## INDIAN INSTITUTE OF TECHNOLOGY KANPUR

GRADE\_4DUALONE

## GRADE REPORT

March 25, 2021

Page 1 of 1

ROLL NO : 19106036  
NAME : SWAPNIL ANKUSH SAWALKAR

DEPARTMENT : MATERIALS SCIENCE & ENGG.  
PROGRAMME : MASTER OF TECHNOLOGY

YEAR/SEM	COURSE NO	TITLE	CREDIT	GRADE	SPI	CPI
2019-20 FIRST	MSE615A	STRUCTURE AND CHARACTERIZATION OF MATERIALS	9	B		
	MSE626A	TRANSPORT PHENOMENA	9	C		
	MSE670A	SOLIDIFICATION PROCESSING	9	B		
	MSE671A	HEAT TREATMENT AND SURFACE HARDENING	9	B		
	MSE690A	SEMINAR PARTICIPATION	0	S		
					7.50	7.50
2019-20 SECOND	MSE616A	THERMODYNAMICS OF MATERIALS	9	A		
	MSE617A	MATHEMATICS AND COMPUTATIONAL METHODS	9	A		
	MSE646A	X-RAY CRYSTALLOGRAPHY - I	9	A		
	MSE661A	FRACTURE, FATIGUE AND CREEP: MATERIALS AND MODELS	9	B		
					9.50	8.50
2020-21 FIRST	MSE699	M.TECH THESIS	36	36S		
						8.50

**Total Course Credit 72****Thesis Credit: 36****THE STUDENT HAS NOT YET COMPLETED THE PROGRAMME.****GRADES:** A\*:Outstanding A:Excellent B:Good C:Average D:Marginal E:Exposure F:Fail

S:Satisfactory X=Unsatisfactory W=Waiver #=Extra Course

**Numerical Values:** A\*:10 A:10 B:8 C:6 D:4 E:2 F:0 S:- X:- S/R:Substituted/Repeated

SPI = Semester Performance Index

CPI = Cumulative Performance Index

Maximum CPI : 10.0

Minimum Graduating CPI: B.Tech/BS:4.0 M.Sc (2 year):6.0 M.Tech/M.Des/MBA/MS(By Research):6.50 Ph.D:7.00

DISTINCTION is awarded to B.Tech/BS students with a CPI of 8.50 or more. No Class or Rank is awarded.

Academic Affairs Office, IIT Kanpur

March 25, 2021

  
 Jt./Asst. Registrar (Academic)

संयुक्त कुलसचिव (शैक्षिक कार्य)  
Joint Registrar (Academic Affairs)  
भारतीय प्रौद्योगिकी संस्थान, कानपुर  
Indian Institute of Technology, Kanpur

<b>Roll Number:</b>	19106036	<b>Student Name:</b>	Swapnil Ankush Sawalkar
<b>Programme:</b>	M TECH	<b>Department:</b>	MATERIALS SCIENCE & ENGINEERING (MSE).
<b>Current CPI:</b>	8.50	<b>Current Course Credits:</b>	72

Disclaimer: The credits shown below are based on data migrated from earlier systems of IIT Kanpur. In case of any discrepancy, you are request to contact DOAA department for resolution.

S.No.	Academic Session	Semester	Course ID	Course Name	Course Type	Grade	Credits	Repeat/Substitute	Repeat/Substitute Course
1	2019-20	1	MSE690A	SEMINAR PARTICIPATION	PRF	S	0		
2	2019-20	1	MSE615A	STRUCTURE AND CHARACTERIZATION OF MATERIALS	DC	B	9		
3	2019-20	1	MSE626A	TRANSPORT PHENOMENA	DC	C	9		
4	2019-20	1	MSE670A	SOLIDIFICATION PROCESSING	DE	B	9		
5	2019-20	1	MSE671A	HEAT TREATMENT AND SURFACE HARDENING	DE	B	9		
									CPI/SPI --7.5 / 7.5
6	2019-20	2	MSE617A	MATHEMATICS AND COMPUTATIONAL METHODS	DC	A	9		
7	2019-20	2	MSE616A	THERMODYNAMICS OF MATERIALS	DC	A	9		
8	2019-20	2	MSE646A	X-RAY CRYSTALLOGRAPHY - I	DE	A	9		
9	2019-20	2	MSE661A	FRACTURE, FATIGUE AND CREEP: MATERIALS AND MODELS	DE	B	9		
									CPI/SPI --8.5 / 9.5

### Current Course(s)

S.No.	Academic Session	Semester	Course ID	Course Name	Course Type	Credits	Repeat/Substitute	Repeat/Substitute Course
NO DATA FOUND								



# SAVITRIBAI PHULE PUNE UNIVERSITY

(Formerly University of Pune)

GANESHKHIND, PUNE 411 007.

## STATEMENT OF MARKS FOR

F. E. (2014 COURSE) EXAMINATION, MAY 2015  
BRANCH CODE: 05



SEAT NO. F120430792 CENTRE SADE PERM REG. NO. 71545229M  
NAME SWAPNIL ANKUSH SAWALKAR MOTHER: SANGITA  
COLLEGE SINHAGAD ACADEMY OF ENGINEERING, KONDHAWA

SUBJECTS				MARKS					
CODE	NAME	TOTAL		OE	TH	OBT.			
		MAX	MIN	Out of	15			15	
SEM. : 1									
107001	ENGINEERING MATHEMATICS I	PP	100	40	47	34	81	P	C
107001	ENGINEERING MATHEMATICS I	TW	25	10			24	P	C
107002	ENGINEERING PHYSICS	PP	100	40	42	25	67	P	C
107002	ENGINEERING PHYSICS	TW	25	10			20	P	C
110003	FUNDAMENTALS OF PROG. LANG. I	PR	50	20			32	P	C
103004	BASIC ELECTRICAL ENGG.	PP	100	40	35	36	71	P	C
103004	BASIC ELECTRICAL ENGG.	TW	25	10			23	P	C
101005	BASIC CIVIL AND ENV. ENGG.	PP	100	40	35	26	61	P	C
101005	BASIC CIVIL AND ENV. ENGG.	TW	25	10			22	P	C
102006	ENGINEERING GRAPHICS I	PP	100	40	43	38	81	P	C
111007	WORKSHOP PRACTICES	TW	50	20			40	P	C
SEM. : 2									
107008	ENGINEERING MATHEMATICS II	PP	100	40	48	27	75	P	
107009	ENGINEERING CHEMISTRY	PP	100	40	36	21	57	P	
107009	ENGINEERING CHEMISTRY	TW	25	10			20	P	
110010	FUNDAMENTALS OF PROG. LANG. II	PR	50	20			33	P	
101011	ENGINEERING MECHANICS	PP	100	40	31	15	46	P	
101011	ENGINEERING MECHANICS	TW	25	10			22	P	
104012	BASIC ELECTRONICS ENGG.	PP	100	40	36	31	67	P	
104012	BASIC ELECTRONICS ENGG.	TW	25	10			21	P	
102013	BASIC MECHANICAL ENGG.	PP	100	40	33	20	53	P	
102013	BASIC MECHANICAL ENGG.	TW	25	10			20	P	
102014	ENGINEERING GRAPHICS II	TW	50	20			46	P	

GRAND TOTAL = 982/1400 , RESULT: FIRST CLASS WITH DISTINCTION

MEDIUM OF INSTRUCTION : ENGLISH  
18531

03 JULY 2015

CONTROLLER OF EXAMINATIONS

STATEMENT NO.:

DATE:

#=0.4 & = 0.163

\$=0.1 @=0.1&0.163

\*= CURRENT APPEARANCE

AA-ABSENT P-PREVIOUS FFF-FAIL IN COURSE INT-INTERNAL UEX-UNIVERSITY EXAMINATION PR-PRACTICAL EXAMINATION





# SAVITRIBAI PHULE PUNE UNIVERSITY

(formerly University of Pune)

GANESHKHIND, PUNE 411 007.

## STATEMENT OF MARKS FOR

S. E. (2014 COURSE) EXAMINATION, MAY 2016  
BRANCH: 12-S. E. (2014 PAT.) (MECHANICAL)

SEAT NO. S140431067 CENTRE SADE PERM REG. NO.: 71545229M  
NAME SWAPNIL ANKUSH SAWALKAR MOTHER: SANGITA  
COLLEGE SINHAGAD ACADEMY OF ENGINEERING, KONDHAWA

SUBJECTS				MARKS				
CODE	NAME	TOTAL		OE	TH	OBT.		
		MAX	MIN	Out of 50	15			
SEM. : 1								
202041	MANUFACTURING PROCESS-I	PP	100	40	39	31	70	P C
202042	COMPUTER AIDED MACHINE DRAWING	PR	50	20			33	P C
202043	THERMODYNAMICS	PP	100	40	33	24	57	P C
202043	THERMODYNAMICS	OR	50	20			43	P C
202044	MATERIAL SCIENCE	PP	100	40	45	28	73	P C
202044	MATERIAL SCIENCE	TW	25	10			22	P C
202045	FLUID MECHANICS	PP	100	40	20	31	51	P C
202045	FLUID MECHANICS	OR	50	20			35	P C
202046	WORKSHOP PRACTICE II	TW	25	10			20	P C
202047	SOFT SKILLS	TW	25	10			18	P C
207002	ENGINEERING MATHEMATICS III	PP	100	40	42	24	66	P C
207002	ENGINEERING MATHEMATICS III	TW	25	10			24	P C
SEM. : 2								
202048	THEORY OF MACHINES I	PP	100	40	35	28	63	P
202048	THEORY OF MACHINES I	TW	25	10			12	P
202049	ENGINEERING METALLURGY	PP	100	40	39	38	77	P
202049	ENGINEERING METALLURGY	OR	50	20			35	P
202050	APPLIED THERMODYNAMICS	PP	100	40	33	41	74	P
202050	APPLIED THERMODYNAMICS	TW	25	10			22	P
202050	APPLIED THERMODYNAMICS	OR	50	20			42	P
202051	STRENGTH OF MATERIALS	PP	100	40	25	16	41	P
202051	STRENGTH OF MATERIALS	OR	50	20			32	P
202052	ELECTRONICS & ELECTRICAL ENGG	PP	100	40	29	40	69	P
202052	ELECTRONICS & ELECTRICAL ENGG	TW	25	10			23	P
202053	MACHINE SHOP-I	TW	25	10			23	P

GRAND TOTAL = 1025/1500 , RESULT: FIRST CLASS WITH DISTINCTION

MEDIUM OF INSTRUCTION : ENGLISH  
CONTROLLER OF EXAMINATIONS

STATEMENT NO.: 20868 DATE:

21 JUN 2016





# SAVITRIBAI PHULE PUNE UNIVERSITY

(formerly University of Pune)

GANESHKHIND, PUNE 411 007.

STATEMENT OF MARKS FOR T. E. (2012 COURSE) EXAMINATION, APRIL/MAY 2017  
BRANCH: 32-T. E. (2012 PAT.) (MECHANICAL)

SEAT NO. T120431041 CENTRE SADE PERM REG. NO.: 71545229M  
NAME SWAPNIL ANKUSH SAWALKAR MOTHER: SANGITA  
COLLEGE SINHAGAD ACADEMY OF ENGINEERING, KONDHAWA

SUBJECTS						MARKS		OBT
CODE	NAME	MAX	MIN	INT	EXT	000	028	
				OUTOF	030	070		
SEM. : 1								
302041	DES. OF MACH ELE I	PP	100	40		17	49	66 P C
302041	DES. OF MACH ELE I	TW	25	10				22 P C
302042	HEAT TRANSFER	PP	100	40		22	43	65 P C
302042	HEAT TRANSFER	PR	50	20				38 P C
302043	THEORY OF MACH II	PP	100	40		19	43	62 P C
302043	THEORY OF MACH II	OR	50	20				29 P C
302044	METRO & QTY CTRL	PP	100	40		16	51	67 P C
302044	METRO & QTY CTRL	OR	50	20				38 P C
302045	HYDRA & PNEU	PP	100	40		24	38	62 P C
302045	HYDRA & PNEU	TW	25	10				21 P C
302046	SKILL DEVELOPMENT	TW	50	20				40 P C
SEM. : 2								
302047	NUME METH & OPTI	PP	100	40		15	47	62 P
302047	NUME METH & OPTI	PR	50	20				37 P
302048	DES OF MACH ELE II	PP	100	40		17	35	52 P
302048	DES OF MACH ELE II	TW	25	10				21 P
302048	DES OF MACH ELE II	OR	50	20				39 P
302049	TURBO MACHINES	PP	100	40		26	58	84 P
302049	TURBO MACHINES	TW	25	10				23 P
302050	MECHATRONICS	PP	100	40		17	60	77 P
302050	MECHATRONICS	TW	25	10				23 P
302051	MANU PROCESS II	PP	100	40		25	45	70 P
302052	MACHINE SHOP II	TW	25	10				23 P
302053	SEMINAR	OR	50	20				36 P

GRAND TOTAL = 1057/1500 , RESULT: FIRST CLASS WITH DISTINCTION

Director,

MEDIUM OF INSTRUCTION : ENGLISH

24450

Board of Examinations & Evaluation

STATEMENT NO.:

DATE: 14 JUL 2017





# SAVITRIBAI PHULE PUNE UNIVERSITY

(formerly University of Pune)

GANESHKHIND, PUNE 411 007.

## STATEMENT OF MARKS FOR

B.E. (2012 COURSE) EXAMINATION, MAY 2018  
BRANCH: 66-B.E. (2012 PAT.) (MECHANICAL)

SEAT NO. B120431049 CENTRE SADE PERM REG. NO.: 71545229M  
NAME SWAPNIL ANKUSH SAWALKAR MOTHER: SANGITA  
COLLEGE SINHAGAD ACADEMY OF ENGINEERING, KONDHAWA

SUBJECTS					MARKS				
					INT	EXT	DBT		
CODE	NAME		MIN.		000	028			
		MAX	MIN	OUT OF	030	070			
SEM. : 1									
402041	REFRIGERATION & AIR CONDI.	PP	100	40	14	43	57	P	C
402041	REFRIGERATION & AIR CONDI.	TW	25	10			23	P	C
402041	REFRIGERATION & AIR CONDI.	OR	50	20			44	P	C
402042	CAD/ CAM AUTOMATION	PP	100	40	23	48	71	P	C
402042	CAD/ CAM AUTOMATION	PR	50	20			39	P	C
402043	DYNAMICS OF MACHINERY	PP	100	40	17	53	70	P	C
402043	DYNAMICS OF MACHINERY	TW	25	10			22	P	C
402043	DYNAMICS OF MACHINERY	OR	50	20			35	P	C
402044A	ENERGY AUDIT MANAGEMENT	PP	100	40	28	66	94	P	C
402045C	OPERATION RESEARCH	PP	100	40	22	56	78	P	C
402046	PROJECT-I	TW	50	20			42	P	C
SEM. : 2									
402047	POWER PLANT ENGINEERING	PP	100	40	18	57	75	P	
402047	POWER PLANT ENGINEERING	TW	25	10			23	P	
402047	POWER PLANT ENGINEERING	OR	50	20			45	P	
402048	MECHANICAL SYSTEM DESIGN	PP	100	40	26	55	81	P	
402048	MECHANICAL SYSTEM DESIGN	OR	50	20			42	P	
402049DB	AUTOMOBILE ENGINEERING	PP	100	40	18	50	68	P	
402050B	FINITE ELEMENT ANALYSIS	PP	100	40	19	36	55	P	
402050B	FINITE ELEMENT ANALYSIS	TW	25	10			22	P	
402051	PROJECT-II	TW	150	60			141	P	
402051	PROJECT-II	OR	50	20			42	P	

GRAND TOTAL = 1169/1500 , RESULT: FIRST CLASS WITH DISTINCTION

Director, MEDIUM OF INSTRUCTION : ENGLISH

Board of Examinations & Evaluation

STATEMENT NO.: R18070920383 DATE: 04 JUL 2018



क्रम संख्या

S.No. SSCE / 2014/

06846/00018

794649

केन्द्रीय माध्यमिक शिक्षा बोर्ड  
CENTRAL BOARD OF SECONDARY EDUCATION

## अंक विवरणिका MARKS STATEMENT

सीनियर स्कूल सर्टिफिकेट परीक्षा, 2014

ALL INDIA SENIOR SCHOOL CERTIFICATE EXAMINATION, 2014

नाम Name SWAPNIL ANKUSH SAWALKAR

अनुक्रमांक Roll No. 4672909

माता/पिता/संरक्षक का नाम SANGITA ANKUSH SAWALKAR

Mother's/Father's/Guardian's Name ANKUSH BABU SAWALKAR

विद्यालय School 06846 JAWAHAR NAVDDAYA VIDYALAYA PIMPALE PUNE MR

विषय कोड SUB. CODE	विषय SUBJECT	प्राप्तांक MARKS OBTAINED				स्थितीय ग्रेड POSITIONAL GRADE
		लि. TH	प्रे. PR	योग TOTAL	योग शब्दों में TOTAL IN WORDS	
301	ENGLISH CORE	082	XXX	082	EIGHTY TWO	B1
041	MATHEMATICS	090	XXX	090	NINETY	A2
042	PHYSICS	047	030	077	SEVENTY SEVEN	A2
043	CHEMISTRY	062	030	092	NINETY TWO	A2
109	MARATHI	095	XXX	095	NINETY FIVE	A1
500	WORK EXPERIENCE					A1
502	PHY & HEALTH EDUCA					A2
503	GENERAL STUDIES					A2

संक्षिप्तियों का अर्थ : Abbreviations

AB : विषय में अनुपस्थित Absent in the Subject परिणाम Result PASS

EX : छूट-प्राप्त Exempted

FP : प्रयोगात्मक में असफल Fail in Practical

FT : लिखित में असफल Fail in Theory

दिल्ली Delhi

दिनांक Dated 26-05-2014

  
परीक्षा नियंत्रक  
Controller of Examinations





# Savitribai Phule Pune University

(formerly University of Pune)

*We, the Chancellor, the Vice Chancellor and the Members of the Management Council and the Academic Council of the Savitribai Phule Pune University certify that*  
*Swapnil Ankush Sawalkar, Mother's Name: Sangita*  
*of S.T.E.S. Sinhgad Academy of Engineering, Pune having been examined and found duly*  
*qualified for the degree of*  
**Bachelor of Engineering (Mechanical)**  
*and placed in the First Class with Distinction in May 2018. The said degree has been conferred on*  
*him. In testimony whereof is set the seal of the said University.*

## सावित्रीबाई फुले पुणे विद्यापीठ

(पूर्वीचे पुणे विद्यापीठ)



आम्ही, सावित्रीबाई फुले पुणे विद्यापीठाचे कुलपति, कुलगुरु आणि व्यवस्थापन परिषद व विद्या परिषद सदस्य, प्रमाणित करितो की,

स्वप्निल अंकुश सावलकर, आईचे नाव: संगिता

हे एस. टी. ई. एस.चे सिंहगड अँकॅडमी ऑफ इंजीनिअरींग पुणे येथून प्राविण्यासह प्रथम श्रेणीत मे २०१८ मध्ये

**अभियांत्रिकी स्नातक (यांत्रिक)**

पदवी परीक्षा उत्तीर्ण झाल्याबद्दल त्यांना ही पदवी प्रदान करण्यात येत आहे. याची साक्ष म्हणून विद्यापीठाची अधिकृत मुद्रा येथे अंकित करण्यात येत आहे.

Vice Chancellor

11th January 2019

EN18-20542





# GATE 2019 Scorecard

## Graduate Aptitude Test in Engineering

Candidate's Details

Name

SWAPNIL ANKUSH SAWALKAR

Registration Number

ME19S22086205

Examination Paper

Mechanical Engineering (ME)



*Signature*

(Candidate's Signature)

Performance

Marks out of 100\*

66.54

Valid from March 17, 2019 to March 16, 2022

Qualifying Marks\*\*

34.1

30.7

22.7

All India Rank in this paper

2530

General OBC (NCL) SC/ST/PwD

GATE Score

699

Number of Candidates  
Appeared in this paper

167376

\* Normalized marks for multi-session papers

\*\* A candidate is considered qualified if the marks secured are greater than or equal to the qualifying marks mentioned for the category for which valid category certificate, if applicable, is produced along with this scorecard

Digital Fingerprint: da044d42aa1c4e92e117cec296455ef3



*N. J. Vasa*  
Prof. Nilesh J. Vasa

March 17, 2019

Organizing Chairman, GATE 2019  
(on behalf of NCB - GATE, for MHRD)

The GATE 2019 score is calculated using the formula

$$GATE\ Score = S_q + (S_t - S_q) \frac{(M - M_q)}{(\bar{M}_t - M_q)}$$

where,

$M$  is the marks obtained by the candidate in the paper, mentioned on this GATE 2019 scorecard

$M_q$  is the qualifying marks for general category candidate in the paper

$\bar{M}_t$  is the mean of marks of top 0.1% or top 10 (whichever is larger) of the candidates who appeared in the paper (in case of multi-session papers including all sessions)

$S_q = 350$ , is the score assigned to  $M_q$

$S_t = 900$ , is the score assigned to  $\bar{M}_t$

In the GATE 2019 score formula,  $M_q$  is 25 marks (out of 100) or  $\mu + \sigma$ , whichever is greater. Here  $\mu$  is the mean and  $\sigma$  is the standard deviation of marks of all the candidates who appeared in the paper.

Qualifying in GATE 2019 does not guarantee either an admission to a post-graduate program or a scholarship/assistantship. Admitting institutes may conduct further tests and interviews for final selection.

**Codes for XE and XL Paper Sections (compulsory section and any other two sections)**

**XE: Engineering Sciences**

A - Engineering Mathematics (compulsory)

B - Fluid Mechanics

C - Materials Science

D - Solid Mechanics

E - Thermodynamics

F - Polymer Science and Engineering

G - Food Technology

H - Atmospheric and Oceanic Sciences

**XL: Life Sciences**

P - Chemistry (compulsory)

Q - Biochemistry

R - Botany

S - Microbiology

T - Zoology

U - Food Technology

Graduate Aptitude Test in Engineering (GATE) 2019 was organized by Indian Institute of Technology Madras on behalf of the National Coordination Board (NCB) - GATE for the Department of Higher Education, Ministry of Human Resource Development (MHRD), Government of India.





Engg. Works & Cont.

All Types of Precision Press Work & Engineering Works

Ref. No. :

Date :

### TO WHOM IT MAY CONCERN

This is to certify that Mr. **Swapnil Ankush sawalkar**, Mechanical Engineer has completed his internship from **July 5<sup>th</sup>, 2018** to **February 15<sup>th</sup>, 2019** at Blue Diamond Engg. Works & Cont. He assisted product engineer.

During this period, his performance was excellent and we found him dedicating, hardworking and sincere. He showed deep interest to perform the functions that was allotted to him to enhance his technical skills during the whole internship and put his best efforts to understand them better.

His association with us was very fruitful and we wish him success in future endeavours.

Best regards.

Mr. Sanjay Jagtap  
(Works manager)  
Blue Diamond Engg. Works & Cont.

