



Deccan Education Society's

FERGUSSON COLLEGE PUNE

PUNE - 411 004. MAHARASHTRA STATE, INDIA
 Affiliated to University of Pune (ID. No. PU/PN/AS/002/1885)
 ACCREDITED BY NAAC WITH 'A' GRADE WITH A CGPA OF 3.26



STATEMENT OF MARKS FOR F.Y.B.Sc. (2013 80-20 PAT) COMPUTER SCI. MARCH 2014

SEAT NO. : 0040

UNIPUNE ID : 12013209578

NAME : NATU CHAITANYA CHINTAMANI

MOTHER'S : CHINMAYA

YEAR	COURSE NAME	MARKS OBTAINED		
		TEX	UEX	TOT
		-/20	32/80	40/100
1	* (11121) PROBLEM SOLVING USING COMPUTERS AND 'C' PROG	15	40	55
	* (11122) FILE ORGANIZATION AND FUNDAMENTAL OF DATABASE	12	35	47
	* (11123) COMPUTER SCIENCE PRACTICAL I	20	48	68
	* (11124) COMPUTER SCIENCE PRACTICAL II	GRADE 0		
	* (11221) DISCRETE MATHEMATICS	15	32	47
	* (11222) ALGEBRA AND CALCULUS	8	45	53
	* (11223) MATHEMATICS PRACTICAL	15	58	73
	* (11321) PRINCIPLES OF ANALOG ELECTRONICS	17	55	72
	* (11322) PRINCIPLES OF DIGITAL ELECTRONICS	13	60	73
	* (11323) ELECTRONICS PRACTICAL	20	64	84
	* (11421) STATISTICAL METHODS I	9	49	58
	* (11422) STATISTICAL METHODS II	8	40	48
	* (11423) STATISTICS PRACTICAL	18	44	62

GRAND TOTAL : 740

RESULT: PASS FIRST CLASS

PRINCIPAL FERGUSSON COLLEGE

STATEMENT NO. MAR14CG/040

DATE 23 MAY. 2014

#=0.4 & =0.163

\$=0.1 @=0.1&0.163

*=CURRENT APPEARANCE (For other than Engg.)

AA-ABSENT EE-EXTERNAL FFF-FAIL IN COURSE TEX-TERM END EXAMINATION UEX-UNIVERSITY EXAMINATION PP-PRACTICAL EXAMINATION
 NOTE FOR ENGINEERING : MAX - MAXIMUM MARKS ; MIN - MINIMUM FOR PASS; OBT - MARKS OBTAINED; AA - ABSENT ; SS - SESSIONAL
 PP - PAPER; TW - TERM WORK; PR - PRACTICAL; OR - ORAL; P - PASS; F - FAIL; C - PREVIOUS CARRY OVER;
 AWARD OF CLASS ; FIRST CLASS WITH DISTINCTION - 66% FIRST CLASS - 60% HIGHER SECOND CLASS - 55% SECOND CLASS - 50%



SAVITRIBAI PHULE PUNE UNIVERSITY

(Formerly University of Pune)

GANESHKHIND, PUNE 411 007.



STATEMENT OF MARKS FOR B.Sc. (COMPUTER SCIENCE) (2013) EXAM.- OCTOBER 2014

SEAT NO. 00099 CENTRE 001 PERM REG. NO.: 1101403507
 NAME NATU CHAITANYA CHINTAMANI Mother: CHINMAYA
 COLLEGE 0002 FERGUSSON COLLEGE, PUNE

	COURSE NAME	MARKS OBTAINED		
		INT.	EXT.	TOTAL
21121	CS -211 DATA STRUCTURES USING C	05	16	* 21
21122	CS -212 RELA.DATABASE MGNT.SYSTEMS	05	05	* 10 FF
21221	MTC-211 APPLIED ALGEBRA	05	20	* 25
21222	MTC-212 NUMERICAL ANALYSIS	06	19	* 25
21321	ELC-211 DIGITAL SYSTEM HARDWARE	08	09	* 17 FF
21322	ELC-212 ANALOG SYSTEMS	07	21	* 28
21521	EN -211 ENGLISH	06	26	* 32
GRAND TOTAL (OUT OF 350)			158	

Medium of instruction: English

CONTROLLER OF EXAMINATIONS

STATEMENT NO.:

DATE: 5 DECEMBER 2014

#=0.4 & = 0.163

\$=0.1 @=0.1&0.163

*= CURRENT APPEARANCE (For other than Engg.)

AA-ABSENT EE-EXTERNAL FFF-FAIL IN COURSE TEX-TERM END EXAMINATION UEX-UNIVERSITY EXAMINATION PR-PRACTICAL EXAMINATION
 PC - PERFORMANCE CANCELLED (For other than Engg.)

STANDARD OF PASSING AND AWARD OF CLASS

Examination	Aggregate 70% and above	Aggregate 60% and above	Aggregate 55% and more but less than 60%	Aggregate 50% and more but less than 55%	Aggregate 40% but less than 50%
	1st class with Distn.	1st class	Higher Second Class	II Class	Pass Class
F.Y.B.A.(including Restructure & Vocational) PGDPA/PGDCMM	420 / 600	360 / 600	330 / 600	300 / 600	240 / 600
F.Y.B.Com.	490 / 700	420 / 700	385 / 700	350 / 700	280 / 700
F.Y.B.Sc. (including Vocational & Biotechnology)	840 / 1200	720 / 1200	660 / 1200	600 / 1200	480 / 1200
F.Y.B.Sc. (Restructure)	770 / 1100	660 / 1100	605 / 1100	550 / 1100	440 / 1100
S.Y. & T.Y.B.A., B.Com., B.Sc., (Including Vocational) B. Sc. (Computer Science)	840 / 1200	720 / 1200	660 / 1200	600 / 1200	480 / 1200
S. Y. & T.Y.B.A. (Restructure)	770 / 1100	660 / 1100	605 / 1100	550 / 1100	440 / 1100
B.Com., B.Sc., (Restructure)	840 / 1200	720 / 1200	660 / 1200	600 / 1200	480 / 1200
BBÅ / BCA / BBM (IB)	1680 / 2400	1440 / 2400	1320 / 2400	1200 / 2400	960 / 2400
S. Y. & T.Y.B.Sc., (Biotechnology)	1260 / 1800	1080 / 1800	990 / 1800	900 / 1800	720 / 1800
M.Sc. (Computer Sc.)	1050 / 1500	900 / 1500	825 / 1500	750 / 1500	600 / 1500
M.A. M. Com.,	560 / 800	480 / 800	440 / 800	400 / 800	320 / 800
M.A. / M.Com. Semester System	1120 / 1600	960 / 1600	880 / 1600	800 / 1600	640 / 1600
M.Sc.	1400 / 2000	1200 / 2000	1100 / 2000	1000 / 2000	800 / 2000
M.C.A. (Science & Commerce Faculty)	2450 / 3500	2100 / 3500	1925 / 3500	1750 / 3500	1400 / 3500
B. Pharm. (1st, IInd, & Final year) (2004/08 Pat.)	840 / 1200	720 / 1200	660 / 1200	600 / 1200	-----
B. Pharm. (3rd year) (2004/08 Pat.)	875 / 1250	750 / 1250	688 / 1250	625 / 1250	-----
B. Pharm (First Year & Second Year) (2013 Pattern) (Sem I & II, III & IV)	1540 / 2200	1320 / 2200	1210 / 2200	1100 / 2200	-----
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MCA	2800 / 4000	2400 / 4000	2200 / 4000	2000 / 4000	1600 / 4000
BHMCT	1400 / 2000	1200 / 2000	1100 / 2000	1000 / 2000	800 / 2000
MBS / PGDMM / PGDCM	560 / 800	480 / 800	440 / 800	400 / 800	320 / 800
PGDCA / PGDBM	1120 / 1600	960 / 1600	880 / 1600	800 / 1600	640 / 1600
PGDFS	980 / 1400	840 / 1400	770 / 1400	700 / 1400	560 / 1400
PGDMLM / B.Lib (I.Sc.)	700 / 1000	600 / 1000	550 / 1000	500 / 1000	400 / 1000
PGDHM / PGDIEM / BSCHS / PGDFT	840 / 1200	720 / 1200	660 / 1200	600 / 1200	480 / 1200
I & II LLB / V BSLLLB / V BALLB	630 / 900	540 / 900	495 / 900	450 / 900	-----
III LLB	700 / 1000	600 / 1000	550 / 1000	500 / 1000	-----
I & II BALLB / BSLLLB	420 / 600	360 / 600	330 / 600	300 / 600	240 / 600
III & IV BALLB / BSLLLB	560 / 800	480 / 800	440 / 800	400 / 800	-----
DLL & LW / DTL / DCIPRL / DCCL / DHR	350 / 500	300 / 500	275 / 500	250 / 500	-----
CCFMJ / DCCPL / DADRS	280 / 400	240 / 400	220 / 400	200 / 400	-----
MLL & LW	700 / 1000	600 / 1000	550 / 1000	500 / 1000	-----
LLM (Reg.)	1120 / 1600	960 / 1600	880 / 1600	800 / 1600	-----
LLM (Ext.)	672 / 960	576 / 960	528 / 960	480 / 960	-----

NOTE FOR ENGINEERING : MAX - MAXIMUM MARKS ; MIN - MINIMUM FOR PASS; OBT - MARKS OBTAINED; AA - ABSENT ; SS - SESSIONAL, PP - PAPER; TW - TERMWORK; PR - PRACTICAL; OR - ORAL; P - PASS, F - FAIL; C - PREVIOUS CARRY OVER;

AWARD OF CLASS; FIRST CLASS WITH DISTINCTION - 66% FIRST CLASS - 60% HIGHER SECOND CLASS - 55% SECOND CLASS - 50% PASS CLASS 40 %

Remarks :

- B.A. - The candidate who has secured at least 40 marks out of 100 in the Annual Examination shall be declared to have passed in the paper.
- For B.A., the class will be awarded on the aggregate marks obtained during the S.Y. and T.Y. in principle subject only.
- B.Com - For the course having practical - Standard of Passing : Practical 8/20 and Theory 32/ 80 (TEX + UEX).
- For course having only Theory, Standard of Passing 40 / 100.
- M.C.A. / M.Sc. - The passing grades for Industrial Training / Industrial Project are A / B / C. Passing in this course is compulsory.
- (Comp. Sci.)
- M.A. / M.Com - Standard of Passing - Term end 8/20 and Theory 32/80 for regular students and for external 40 / 100 are compulsory marks
- Semester System
- Master of Engg. - SGPA = Semester Grade Point Average, CGPA = Cumulative Grade Point Average
- Grade Points : A+ = 10, A = 9, B+ = 8, B = 7, C+ = 6, C = 5
- II - O (Incomplete), AP = O (Passed Audit Course)
- F = O (Fail), FX = O (Detained), PP = Passed
- B.A., B.Sc., B.Com. - 'O' / 'A' / 'B' / 'C' for Environmental Awareness only.
- & B.Sc., (Comp. Sci.)
- B.Sci. & B.Sc., - The Class will be awarded on the aggregate marks obtain during S.Y. & T.Y. in principal subject only.
- (Comp. Sci.)



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STATEMENT OF MARKS FOR B.Sc. (COMPUTER SCIENCE) (REV.2013) EXAM. - APRIL 2015

SEAT NO. 00063 CENTRE 001 PERM REG. NO.: 1101403507
 NAME NATU CHAITANYA CHINTAMANI MOTHER: CHINMAYA
 COLLEGE 0002 FERGUSSON COLLEGE, PUNE

	COURSE NAME	MARKS OBTAINED		
		INT.	PH. EXT.	TOTAL
21121	CS -211 DATA STRUCTURES USING C	05	16	21
21122	CS -212 RELA.DATABASE MGNT.SYSTEMS	05	* 21	26
21221	MTC-211 APPLIED ALGEBRA	05	20	25
21222	MTC-212 NUMERICAL ANALYSIS	06	19	25
21321	ELC-211 DIGITAL SYSTEM HARDWARE	08	* 10	18 FF
21322	ELC-212 ANALOG SYSTEMS	07	21	28
21521	EN -211 ENGLISH	06	26	32
22121	CS-221 OBJECT ORIENTED CONCEPTS USING C++	04	17	* 21
22122	CS-222 SOFTWARE ENGINEERING	08	20	* 28
22123	CS-223 DATA STRUCTURES PRACTICAL & C++ PRACTICALS	18	23	* 41 FF
22124	CS-224 DATABASE PRACT.& MINI PROJ.USING SOFTWARE ENGG.TECHNIQUES	GRADE		D
22221	MTC-221 COMPUTATIONAL GEOMETRY	07	31	* 38
22222	MTC-222 OPERATIONS RESEARCH	07	20	* 27
22223	MTC-223 PRACTICAL MATHEMATICS	19	50	* 69
22321	EL-221 8051 ARCHITECTURE, INTERFACING & PROGRAMMING	07	16	* 23
22322	EL-222 COMMUNICATION PRINCIPLES	04	21	* 25
22323	EL-223 PRACTICAL ELECTRONICS	19	53	* 72
22521	EN-221 ENGLISH	08	20	* 28
22727	A COURSE IN ENVIRONMENTAL AWARENESS	GRADE		C

GRAND TOTAL (OUT OF 1000) 547

RESULT : FAIL A.T.K.T.

Medium of instruction: English

CONTROLLER OF EXAMINATIONS

STATEMENT NO.:

DATE:

26 MAY 2015

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\$=0.1 @=0.1&0.163

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SEAT NO. 00260 CENTRE 001 PERM REG. NO.: 1101403507
NAME NATU CHAITANYA CHINTAMANI MOTHER: CHINMAYA
COLLEGE 0002 FERGUSSON COLLEGE, PUNE

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31121	CS -331 SYSTEM PROGRAMMING	03	22	* 25
31122	CS -332 THEORETICAL COMPUTER SCIENCE	06	17	* 23
31123	CS -333 COMPUTER NETWORKS - I	05	20	* 25
31124	CS -334 INTERNET PROGRAMMING - I	07	22	* 29
31125	CS -335 PROGRAMMING IN JAVA - I	08	31	* 39
31126	CS -336 OBJECT ORIENTED SOFTWARE ENGINEERING	07	19	* 26

GRAND TOTAL (OUT OF 1300) 739

Medium of instruction: English

CONTROLLER OF EXAMINATIONS

STATEMENT NO.:

DATE : 4 DECEMBER 2015

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BHMCT	1400 / 2000	1200 / 2000	1100 / 2000	1000 / 2000	800 / 2000
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PGDFS	980 / 1400	840 / 1400	770 / 1400	700 / 1400	560 / 1400
PGDMLM / B.Lib (I.Sc.)	700 / 1000	600 / 1000	550 / 1000	500 / 1000	400 / 1000
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III LLB	700 / 1000	600 / 1000	550 / 1000	500 / 1000	-----
I & II BALLB / BSLLLB	420 / 600	360 / 600	330 / 600	300 / 600	240 / 600
III & IV BALLB / BSLLLB	560 / 800	480 / 800	440 / 800	400 / 800	-----
DLL & LW / DTL / DCIPRL / DCCL / DHR	350 / 500	300 / 500	275 / 500	250 / 500	-----
CCFMJ / DCCPL / DADRS	280 / 400	240 / 400	220 / 400	200 / 400	-----
MLL & LW	700 / 1000	600 / 1000	550 / 1000	500 / 1000	-----
LLM (Reg.)	1120 / 1600	960 / 1600	880 / 1600	800 / 1600	-----
LLM (Ext.)	672 / 960	576 / 960	528 / 960	480 / 960	-----

NOTE FOR ENGINEERING : MAX - MAXIMUM MARKS ; MIN - MINIMUM FOR PASS; OBT - MARKS OBTAINED; AA - ABSENT ; SS - SESSIONAL, PP - PAPER; TW - TERMWORK; PR - PRACTICAL; OR - ORAL; P - PASS, F - FAIL; C - PREVIOUS CARRY OVER;

AWARD OF CLASS; FIRST CLASS WITH DISTINCTION - 66% FIRST CLASS - 60% HIGHER SECOND CLASS - 55% SECOND CLASS - 50% PASS CLASS 40 %

Remarks :

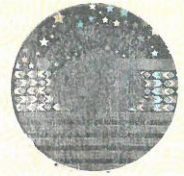
- B.A. - The candidate who has secured at least 40 marks out of 100 in the Annual Examination shall be declared to have passed in the paper.
- For B.A., the class will be awarded on the aggregate marks obtained during the S.Y. and T.Y. in principle subject only.
- B.Com - For the course having practical - Standard of Passing : Practical 8/20 and Theory 32/ 80 (TEX + UEX).
- For course having only Theory, Standard of Passing 40 / 100.
- M.C.A. / M.Sc. - The passing grades for Industrial Training / Industrial Project are A / B / C. Passing in this course is compulsory.
- (Comp. Sci.)
- M.A. / M.Com - Standard of Passing - Term end 8/20 and Theory 32/80 for regular students and for external 40 / 100 are compulsory marks
- Semester System
- Master of Engg. - SGPA = Semester Grade Point Average, CGPA = Cumulative Grade Point Average
- Grade Points : A+ = 10, A = 9, B+ = 8, B = 7, C+ = 6, C = 5
- II - O (Incomplete), AP = O (Passed Audit Course)
- F = O (Fail), FX = O (Detained), PP = Passed
- B.A., B.Sc., B.Com. - 'O' / 'A' / 'B' / 'C' for Environmental Awareness only.
- & B.Sc., (Comp. Sci.)
- B.Sci. & B.Sc., - The Class will be awarded on the aggregate marks obtain during S.Y. & T.Y. in principal subject only.
- (Comp. Sci.)



SAVITRIBAI PHULE PUNE UNIVERSITY

(formerly University of Pune)

GANESHKHIND, PUNE 411 007.



STATEMENT OF MARKS FOR B.Sc.(COMP.SC.) (2013) EXAM.- APRIL 2016

SEAT NO.	00335	CENTRE	001	PERM REG. NO.:	1101403507
NAME	NATU CHAITANYA CHINTAMANI			MOTHER:	CHINMAYA
COLLEGE	0002 FERGUSSON COLLEGE, PUNE				

	COURSE NAME	MARKS OBTAINED		
		INT.	EXT.	TOTAL
21121	CS -211 DATA STRUCTURES USING C	05	16	21
21122	CS -212 RELA.DATABASE MGNT.SYSTEMS	05	21	26
21221	MTC-211 APPLIED ALGEBRA	05	20	25
21222	MTC-212 NUMERICAL ANALYSIS	06	19	25
21321	ELC-211 DIGITAL SYSTEM HARDWARE	08	18	26
21322	ELC-212 ANALOG SYSTEMS	07	21	28
21521	EN -211 ENGLISH	06	26	32
22121	CS-221 OBJECT ORIENTED CONCEPTS USING C++	04	17	21
22122	CS-222 SOFTWARE ENGINEERING	08	20	28
22123	CS-223 DATA STRUCTURES PRACT.& C++ PRACT.	18	40	58
22124	CS-224 DATABASE PRACT.& MINI PROJ.USING SOFTWARE ENGG.TECHNIQUES	GRADE		0
22221	MTC-221 COMPUTATIONAL GEOMETRY	07	31	38
22222	MTC-222 OPERATIONS RESEARCH	07	20	27
22223	MTC-223 PRACTICAL MATHEMATICS	19	50	69
22321	EL-221 8051 ARCH., INTERFACING & PROG.	07	16	23
22322	EL-222 COMMUNICATION PRINCIPLES	04	21	25
22323	EL-223 PRACTICAL ELECTRONICS	19	53	72
22521	EN-221 ENGLISH	08	20	28
22727	A COURSE IN ENVIRONMENTAL AWARENESS	GRADE		C
31121	CS -331 SYSTEM PROGRAMMING	03	22	25
31122	CS -332 THEORETICAL COMPUTER SCIENCE	06	17	23
31123	CS -333 COMPUTER NETWORKS - I	05	20	25
31124	CS -334 INTERNET PROGRAMMING - I	07	22	29
31125	CS -335 PROGRAMMING IN JAVA - I	08	31	39
31126	CS -336 OBJECT ORIENTED SOFTWARE ENGINEERING	07	19	26
32131	CS -341 OPERATING SYSTEM	06	22	* 28
32132	CS -342 COMPLIER CONSTRUCTION	05	28	* 33
32133	CS -343 COMPUTER NETWORKS - II	05	28	* 33
32134	CS -344 INTERNET PROGRAMMING - II	09	18	* 27
32135	CS -345 PROGRAMMING IN JAVA - II	05	26	* 31
32136	CS -346 COMPUTER GRAPHICS	08	16	* 24
32137	CS -347 LAB COURSE I SYSTEM PROG.& O.S.	20	44	* 64
32138	CS -348 LAB COURSE II PROG.IN JAVA I & II & COMP.GRAPHICS	20	48	* 68
32139	CS -349 LAB COURSE III INTERNET PROG.I,II & PROJECT	20	74	* 94

PRINCIPAL TOTAL \ 723 /1200

GRAND TOTAL (OUT OF 1900) 1141

RESULT : FIRST CLASS

Medium of instruction: English

CONTROLLER OF EXAMINATIONS

STATEMENT NO.:

DATE: 24 MAY 2016

STANDARD OF PASSING AND AWARD OF CLASS

Examination	Aggregate 70% and above	Aggregate 60% and above	Aggregate 55% and more but less than 60%	Aggregate 50% and more but less than 55%	Aggregate 40% but less than 50%
	1st class with Distn.	1st class	Higher Second Class	II Class	Pass Class
F.Y.B.A.(including Restructure & Vocational) PGDPA/PGDCMM	420 / 600	360 / 600	330 / 600	300 / 600	240 / 600
F.Y.B.Com.	490 / 700	420 / 700	385 / 700	350 / 700	280 / 700
F.Y.B.Sc. (including Vocational & Biotechnology)	840 / 1200	720 / 1200	660 / 1200	600 / 1200	480 / 1200
F.Y.B.Sc. (Restructure)	770 / 1100	660 / 1100	605 / 1100	550 / 1100	440 / 1100
S.Y. & T.Y.B.A., B.Com., B.Sc., (Including Vocational) B. Sc. (Computer Science)	840 / 1200	720 / 1200	660 / 1200	600 / 1200	480 / 1200
S. Y. & T.Y.B.A. (Restructure)	770 / 1100	660 / 1100	605 / 1100	550 / 1100	440 / 1100
B.Com., B.Sc., (Restructure)	840 / 1200	720 / 1200	660 / 1200	600 / 1200	480 / 1200
BBÅ / BCA / BBM (IB)	1680 / 2400	1440 / 2400	1320 / 2400	1200 / 2400	960 / 2400
S. Y. & T.Y.B.Sc., (Biotechnology)	1260 / 1800	1080 / 1800	990 / 1800	900 / 1800	720 / 1800
M.Sc. (Computer Sc.)	1050 / 1500	900 / 1500	825 / 1500	750 / 1500	600 / 1500
M.A. M. Com.,	560 / 800	480 / 800	440 / 800	400 / 800	320 / 800
M.A. / M.Com. Semester System	1120 / 1600	960 / 1600	880 / 1600	800 / 1600	640 / 1600
M.Sc.	1400 / 2000	1200 / 2000	1100 / 2000	1000 / 2000	800 / 2000
M.C.A. (Science & Commerce Faculty)	2450 / 3500	2100 / 3500	1925 / 3500	1750 / 3500	1400 / 3500
B. Pharm. (1st, IInd, & Final year) (2004/08 Pat.)	840 / 1200	720 / 1200	660 / 1200	600 / 1200	-----
B. Pharm. (3rd year) (2004/08 Pat.)	875 / 1250	750 / 1250	688 / 1250	625 / 1250	-----
B. Pharm (First Year & Second Year) (2013 Pattern) (Sem I & II, III & IV)	1540 / 2200	1320 / 2200	1210 / 2200	1100 / 2200	-----
B. Pharm (Third Year & Fourth Year) (2013 Pattern) (Sem V & VI, VII & VIII)	1680 / 2400	1440 / 2400	1320 / 2400	1200 / 2400	-----
Master of Engineering (Rev. 2002)	1050 / 1500	900 / 1500	825 / 1500	750 / 1500	-----
Master of Engineering CGPA (Revised 2008-09)	7.75	6.75 to 7.74	6.25 to 6.74	5.5 to 6.24	-----
B.Sc. (Animation)	1260 / 1800	1080 / 1800	990 / 1800	900 / 1800	720 / 1800
MBA / MMM / MHMCT	1960 / 2800	1680 / 2800	1540 / 2800	1400 / 2800	1120 / 2800
MCM / MPM	1540 / 2200	1320 / 2200	1210 / 2200	1100 / 2200	880 / 2200
MCA	2800 / 4000	2400 / 4000	2200 / 4000	2000 / 4000	1600 / 4000
BHMCT	1400 / 2000	1200 / 2000	1100 / 2000	1000 / 2000	800 / 2000
MBS / PGDMM / PGDCM	560 / 800	480 / 800	440 / 800	400 / 800	320 / 800
PGDCA / PGDBM	1120 / 1600	960 / 1600	880 / 1600	800 / 1600	640 / 1600
PGDFS	980 / 1400	840 / 1400	770 / 1400	700 / 1400	560 / 1400
PGDMLM / B.Lib (I.Sc.)	700 / 1000	600 / 1000	550 / 1000	500 / 1000	400 / 1000
PGDHM / PGDIEM / BSCHS / PGDFT	840 / 1200	720 / 1200	660 / 1200	600 / 1200	480 / 1200
I & II LLB / V BSLLLB / V BALLB	630 / 900	540 / 900	495 / 900	450 / 900	-----
III LLB	700 / 1000	600 / 1000	550 / 1000	500 / 1000	-----
I & II BALLB / BSLLLB	420 / 600	360 / 600	330 / 600	300 / 600	240 / 600
III & IV BALLB / BSLLLB	560 / 800	480 / 800	440 / 800	400 / 800	-----
DLL & LW / DTL / DCIPRL / DCCL / DHR	350 / 500	300 / 500	275 / 500	250 / 500	-----
CCFMJ / DCCPL / DADRS	280 / 400	240 / 400	220 / 400	200 / 400	-----
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LLM (Reg.)	1120 / 1600	960 / 1600	880 / 1600	800 / 1600	-----
LLM (Ext.)	672 / 960	576 / 960	528 / 960	480 / 960	-----

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AWARD OF CLASS; FIRST CLASS WITH DISTINCTION - 66% FIRST CLASS - 60% HIGHER SECOND CLASS - 55% SECOND CLASS - 50% PASS CLASS 40 %

Remarks :

- B.A. - The candidate who has secured at least 40 marks out of 100 in the Annual Examination shall be declared to have passed in the paper.
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- For course having only Theory, Standard of Passing 40 / 100.
- M.C.A. / M.Sc. - The passing grades for Industrial Training / Industrial Project are A / B / C. Passing in this course is compulsory.
- (Comp. Sci.)
- M.A. / M.Com - Standard of Passing - Term end 8/20 and Theory 32/80 for regular students and for external 40 / 100 are compulsory marks
- Semester System
- Master of Engg. - SGPA = Semester Grade Point Average, CGPA = Cumulative Grade Point Average
- Grade Points : A+ = 10, A = 9, B+ = 8, B = 7, C+ = 6, C = 5
- II - O (Incomplete), AP = O (Passed Audit Course)
- F = O (Fail), FX = O (Detained), PP = Passed
- B.A., B.Sc., B.Com. - 'O' / 'A' / 'B' / 'C' for Environmental Awareness only.
- & B.Sc., (Comp. Sci.)
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- (Comp. Sci.)



SAVITRIBAI PHULE PUNE UNIVERSITY

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GANESHKHIND, PUNE 411 007.



STATEMENT OF MARKS FOR MASTER OF COMPUTER APPLICATIONS (REVISED 2015)

SEAT NO. 15702 CENTRE 1
 NAME NATU CHAITANYA CHINTAMANI
 COLLEGE 0425 MES'S I.M.C.C. PUNE

PERM REG. NO.: 2031600409
 MOTHER: CHINMAYA

YEAR : OCTOBER 2016

SEM.	NAME OF THE COURSE	<- MARKS ->			CRE-	GR-	GP
		INT	UEX	TOT			
1	IT11 FUNDAMENTALS OF COMPUTER	21	32	53	* 04	B	024
	IT12 C PROGRAMMING WITH DATA STRUCTURE	19	26	45	* 04	C	020
	IT13 SOFTWARE ENGINEERING	25	41	66	* 04	A	032
	IT14 DATABASE MANAGEMENT SYSTEM	23	36	59	* 04	B+	028
	BM11 PRIN.& PRACT.OF MGNT.& ORG.BEH.	21	31	52	* 04	B	024
	BM12 BUSINESS PROCESS DOMAINS	64	-	64	* 02	0	020
	IT12L C AND DS LAB	40	-	40	* 02	0	020
	IT14L DBMS LAB	40	-	40	* 02	0	020
	SS11 WORD POWER	27	-	27	* 01	0	010
	HUMAN RIGHTS - I	24	-	24	* 01	0	!
	INTRODUCTION TO CYBER SECURITY - I	21	-	21	* 01	0	!
SGPA : (1) 7.330				TOTAL		27	198

Ashesh C.

Medium of instruction: English

! - Not considered for calculation of final grade

CONTROLLER OF EXAMINATIONS

STATEMENT NO.:

DATE: 31 JANUARY 2017

Student admitted for (all subjects) M.Com., LLM, MA, MJMC (All Sub.) (64 credits), M.Com (E-Com) (112 credits), MCA Commerce (156 credits), M.C.A. (Science) (150 credits), M.Sc. (all subjects) M.Sc. (Computer Science), MFA, MBA, MBA (IT), MBA (HR), MBA (Marketing), MHMCT (100 credits), MMS (30 credits), PGDBM (70 credits), PGDHM (34 credits), PGDCM, M. Lib. (32 credits), PGDMM, PGDIEM, PGDFS, PGDCMM, PGDPA, PGDEM, PGDMLM (31 credits), MCA (Management) (160 credits) with effects from Academic Year 2015-2016.

Final Grade Points

Grade Points	Final Grade
09.00 - 10.00	O
08.50 - 08.99	A+
07.50 - 08.49	A
06.50 - 07.49	B+
05.50 - 06.49	B
04.25 - 05.49	C
04.00 - 04.24	P
00.00 - 03.99	F

Grade Point	% of Marks
4	40
4.2	41
4.4	42
4.6	43
4.8	44
5	45
5.2	46
5.4	47
5.6	48
5.8	49
6	50
6.2	51
6.4	52
6.6	53
6.8	54
7	55
7.2	56
7.4	57
7.6	58
7.8	59
8	60
8.1	61
8.2	62
8.3	63
8.4	64
8.5	65
8.6	66
8.7	67
8.8	68
8.9	69
9	70
9.1	71
9.2	72
9.3	73
9.4	74
9.5	75
9.6	76
9.7	77
9.8	78
9.9	79
10	>=80

Explanation of Grade & Grade Point Average

Marks Obtained %	Grade	Grade Point
80-100	O : Outstanding	10
70-79	A+: Excellent	9
60-69	A: Very Good	8
55-59	B+: Good	7
50-54	B: Above Average	6
45-49	C: Average	5
40-44	P: Pass	4
0-39	F: Fail	0
-	Ab: Absent	0

(i) Semester Grade Point Average (SGPA) =

$$SGPA = \frac{\sum_{i=1}^p C_i G_i}{\sum_{i=1}^p C_i}$$

$$SGPA = \frac{\sum \text{Grade Points Earned} \times \text{Credits for each Course}}{\text{Total Credits}}$$

(ii) Cumulative Grade Point Average (CGPA) =

$$CGPA = \frac{\sum_{i=1}^p C_i G_i}{\sum_{i=1}^p C_i}$$

$$CGPA = \frac{\sum \text{Grade Points Earned} \times \text{Credits for each Course}}{\text{Total Credits}}$$

ABBREVIATIONS

INT = Internal Examination
 UEX = University Examination
 PC = Performance Cancelled
 AB = Absent
 F = Fail in Subject / Course
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 TW = Term Work

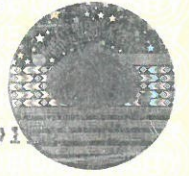
OR = Oral
 PJ = Project
 VV = Viva
 SL = Sessional
 TO = Total
 PR = Practical
 OL = Online Exam
 OBT = Obtained Marks

GRD = Grade
 CRD = Credit
 GP = Grade Point
 # = Ordinance 4
 & = Ordinance 163
 \$ = Ordinance 1
 @ = Ordinance 1 + 163
 * = Current appearance



SAVITRIBAI PHULE PUNE UNIVERSITY

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GANESHKHIND, PUNE 411 007.



STATEMENT OF MARKS FOR MASTER OF COMPUTER APPLICATIONS (REVISED 2017)

SEAT NO. 12707 CENTRE 1
NAME NATU CHAITANYA CHINTAMANI
COLLEGE 0425 MES'S I.M.C.C. PUNE

PERM REG. NO. : 2031600409
MOTHER : CHINMAYA

YEAR : APRIL 2017

SEM.	NAME OF THE COURSE	<- MARKS ->			CRE- DITS	GR- ADE	GP
		INT	LEX	TOT			
1	IT11 FUNDAMENTALS OF COMPUTER	21	32	53	P 04	B	024
	IT12 C PROGRAMMING WITH DATA STRUCTURE	19	26	45	P 04	C	020
	IT13 SOFTWARE ENGINEERING	25	41	66	P 04	A	032
	IT14 DATABASE MANAGEMENT SYSTEM	23	36	59	P 04	B+	028
	BM11 PRIN. & PRACT. OF MGMT. & ORG. BEH.	21	31	52	P 04	B	024
	BM12 BUSINESS PROCESS DOMAINS	64	-	64	P 02	O	020
	IT12L C AND DS LAB	40	-	40	P 02	O	020
	IT14L DBMS LAB	40	-	40	P 02	O	020
	SS11 WORD POWER	27	-	27	P 01	O	010
	HUMAN RIGHTS - I	24	-	24	P 01	O	!
	INTRODUCTION TO CYBER SECURITY - I	21	-	21	P 01	O	!
	2	IT21 ESSENTIALS OF OPERATING SYSTEM	21	32	53	* 04	B
IT22 WEB TECHNOLOGIES		19	26	45	* 04	C	020
IT23 CORE JAVA		26	42	68	* 04	A	032
IT24 ESSENTIALS OF NETWORKING		18	25	43	* 04	P	016
MT21 DISCRETE MATHEMATICS		26	46	72	* 04	A+	036
BM21 ESSENTIALS OF MARKETING		69	-	69	* 02	O	020
IT22L MINI PROJECT USING WEB TECHNOLOGIES		45	-	45	* 02	O	020
IT23L CORE JAVA LAB		47	-	47	* 02	O	020
SS21 ORAL COMMUNICATION	28	-	28	* 01	O	010	
HUMAN RIGHTS - II	18	-	18	* 01	A+	!	
INTRODUCTION TO CYBER SECURITY - II	25	-	25	* 01	O	!	
SGPA : (1) 7.330(2) 7.330				TOTAL		54	396

Director,

! - Not considered for calculation of final grade

Medium of instruction: English

Board of Examinations & Evaluation

STATEMENT NO.:

DATE : 22 JUNE 2017

Student admitted for (all subjects) M.Com., LLM, MA, MJMC (All Sub.) (64 credits), M.Com (E-Com) (112 credits), MCA Commerce (156 credits), M.C.A. (Science) (150 credits), M.Sc. (all subjects) M.Sc. (Computer Science), MFA, MBA, MBA (IT), MBA (HR), MBA (Marketing), MHMCT (100 credits), MMS (30 credits), PGDBM (70 credits), PGDHM (34 credits), PGDCM, M. Lib. (32 credits), PGDMM, PGDIEM, PGDFS, PGDCMM, PGDPA, PGDEM, PGDMLM (31 credits), MCA (Management) (160 credits) with effects from Academic Year 2015-2016.

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04.00 - 04.24	P
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6.6	53
6.8	54
7	55
7.2	56
7.4	57
7.6	58
7.8	59
8	60
8.1	61
8.2	62
8.3	63
8.4	64
8.5	65
8.6	66
8.7	67
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40-44	P: Pass	4
0-39	F: Fail	0
-	Ab: Absent	0

(i) Semester Grade Point Average (SGPA) =

$$SGPA = \frac{\sum_{i=1}^p C_i G_i}{\sum_{i=1}^p C_i}$$

\sum Grade Points Earned X Credits for each Course
 Total Credits

(ii) Cumulative Grade Point Average (CGPA) =

$$CGPA = \frac{\sum_{i=1}^p C_i G_i}{\sum_{i=1}^p C_i}$$

\sum Grade Points Earned X Credits for each Course
 Total Credits

ABBREVIATIONS

INT = Internal Examination
 UEX = University Examination
 PC = Performance Cancelled
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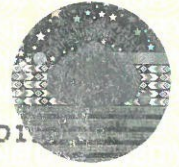
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 VV = Viva
 SL = Sessional
 TO = Total
 PR = Practical
 OL = Online Exam
 OBT = Obtained Marks

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SAVITRIBAI PHULE PUNE UNIVERSITY

(formerly University of Pune)
GANESHKHIND, PUNE 411 007.



STATEMENT OF MARKS FOR MASTER OF COMPUTER APPLICATIONS (REVISED 2017)

SEAT NO. 12114 CENTRE 1 PERM REG. NO.: 2031600409
NAME NATU CHAITANYA CHINTAMANI MOTHER : CHINMAYA
COLLEGE 0425 MES'S I.M.C.C. PUNE

SEM.	YEAR : OCTOBER 2017	NAME OF THE COURSE	<- MARKS ->			CRE-	GR-	
			INT	UEX	TOT	DITS	ADE	GP
SUBJECT : SOFTWARE & APPLICATION DEVELOPMENT								
1	IT11	FUNDAMENTALS OF COMPUTER	21	32	53	P 04	B	024
	IT12	C PROGRAMMING WITH DATA STRUCTURE	19	26	45	P 04	C	020
	IT13	SOFTWARE ENGINEERING	25	41	66	P 04	A	032
	IT14	DATABASE MANAGEMENT SYSTEM	23	36	59	P 04	B+	028
	BM11	PRIN.& PRACT.OF MGNT.& ORG.BEH.	21	31	52	P 04	B	024
	BM12	BUSINESS PROCESS DOMAINS	64	-	64	P 02	O	020
	IT12L	C AND DS LAB	40	-	40	P 02	O	020
	IT14L	DBMS LAB	40	-	40	P 02	O	020
	SS11	WORD POWER	27	-	27	P 01	O	010
		HUMAN RIGHTS - I	24	-	24	P 01	O	!
		INTRODUCTION TO CYBER SECURITY - I	21	-	21	P 01	O	!
2	IT21	ESSENTIALS OF OPERATING SYSTEM	21	32	53	P 04	B	024
	IT22	WEB TECHNOLOGIES	19	26	45	P 04	C	020
	IT23	CORE JAVA	26	42	68	P 04	A	032
	IT24	ESSENTIALS OF NETWORKING	18	25	43	P 04	P	016
	MT21	DISCRETE MATHEMATICS	26	46	72	P 04	A+	036
	BM21	ESSENTIALS OF MARKETING	69	-	69	P 02	O	020
	IT22L	MINI PROJECT USING WEB TECHNOLOGIES	45	-	45	P 02	O	020
	IT23L	CORE JAVA LAB	47	-	47	P 02	O	020
	SS21	ORAL COMMUNICATION	28	-	28	P 01	O	010
		HUMAN RIGHTS - II	18	-	18	P 01	A+	!
		INTRODUCTION TO CYBER SECURITY - II	25	-	25	P 01	O	!
3	MTC31	PROBABILITY & COMBINATORICS	24	41	65	* 04	A	032
	ITC31	MULTIMEDIA TOOLS FOR PRESENTATION	69	-	69	* 02	O	020
	SSC31	SOFT SKILLS-PRESENTATION	30	-	30	* 01	O	010
	T1-IT31	ADVANCED DATA STRUCTURE & C++PROGRAMMING	19	26	45	* 04	C	020
	T1-IT32	DESIGN & ANALYSIS OF ALGORITHMS (DAA)	18	25	43	* 04	P	016
	T1-IT33	OBJECT ORIENTED ANALYSIS & DESIGN	18	29	47	* 04	C	020
	T1-IT34	ADVANCED INTERNET TECHNOLOGY	22	34	56	* 04	B+	028
	T1-IT31L	DS & C++LAB	40	-	40	* 02	O	020
	T1-IT34L	MINI PROJECT USING AIT	47	-	47	* 02	O	020
		INTRODUCTION TO CYBER SECURITY - III	25	-	25	* 01	O	!
		SKILL DEVELOPMENT - I	47	-	47	* 02	O	!
SGPA : (1) 7.330(2) 7.330(3) 6.890						TOTAL	81	582

Director,

! - Not considered for calculation of final grade

Medium of instruction: English

Board of Examinations & Evaluation

STATEMENT NO.:

DATE : 22 JAN 2018

Student admitted for (all subjects) M.Com., LLM, MA, MJMC (All Sub.) (64 credits), M.Com (E-Com) (112 credits), MCA Commerce (156 credits), M.C.A. (Science) (150 credits), M.Sc. (all subjects) M.Sc. (Computer Science), MFA, MBA, MBA (IT), MBA (HR), MBA (Marketing), MHMCT (100 credits), MMS (30 credits), PGDBM (70 credits), PGDHM (34 credits), PGDCM, M. Lib. (32 credits), PGDMM, PGDIEM, PGDFS, PGDCMM, PGDPA, PGDEM, PGDMLM (31 credits), MCA (Management) (160 credits) with effects from Academic Year 2015-2016.

Final Grade Points

Grade Points	Final Grade
09.00 - 10.00	O
08.50 - 08.99	A+
07.50 - 08.49	A
06.50 - 07.49	B+
05.50 - 06.49	B
04.25 - 05.49	C
04.00 - 04.24	P
00.00 - 03.99	F

Grade Point	% of Marks
4	40
4.2	41
4.4	42
4.6	43
4.8	44
5	45
5.2	46
5.4	47
5.6	48
5.8	49
6	50
6.2	51
6.4	52
6.6	53
6.8	54
7	55
7.2	56
7.4	57
7.6	58
7.8	59
8	60
8.1	61
8.2	62
8.3	63
8.4	64
8.5	65
8.6	66
8.7	67
8.8	68
8.9	69
9	70
9.1	71
9.2	72
9.3	73
9.4	74
9.5	75
9.6	76
9.7	77
9.8	78
9.9	79
10	>=80

Explanation of Grade & Grade Point Average

Marks Obtained %	Grade	Grade Point
80-100	O : Outstanding	10
70-79	A+: Excellent	9
60-69	A: Very Good	8
55-59	B+: Good	7
50-54	B: Above Average	6
45-49	C: Average	5
40-44	P: Pass	4
0-39	F: Fail	0
-	Ab: Absent	0

(i) Semester Grade Point Average (SGPA) =

$$SGPA = \frac{\sum_{i=1}^p C_i G_i}{\sum_{i=1}^p C_i}$$

$$SGPA = \frac{\sum \text{Grade Points Earned} \times \text{Credits for each Course}}{\text{Total Credits}}$$

(ii) Cumulative Grade Point Average (CGPA) =

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ABBREVIATIONS

INT = Internal Examination
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 PJ = Project
 VV = Viva
 SL = Sessional
 TO = Total
 PR = Practical
 OL = Online Exam
 OBT = Obtained Marks

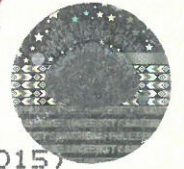
GRD = Grade
 CRD = Credit
 GP = Grade Point
 # = Ordinance 4
 & = Ordinance 163
 \$ = Ordinance 1
 @ = Ordinance 1 + 163
 * = Current appearance



SAVITRIBAI PHULE PUNE UNIVERSITY

(formerly University of Pune)

GANESHKHIND, PUNE 411 007.



STATEMENT OF MARKS FOR MASTER OF COMPUTER APPLICATIONS (REVISED 2015)

SEAT NO. 12106 CENTRE 1
 NAME NATU CHAITANYA CHINTAMANI
 COLLEGE 0425 MES'S I.M.C.C. PUNE

PERM REG. NO.: 2031600409
 MOTHER : CHINMAYA

SEM.	YEAR : APRIL 2018	NAME OF THE COURSE	<- MARKS ->			CRE-	GR-	GP
			INT	UEX	TOT			
SUBJECT : SOFTWARE & APPLICATION DEVELOPMENT								
1		IT11 FUNDAMENTALS OF COMPUTER	21	32	53	P 04	B	024
		IT12 C PROGRAMMING WITH DATA STRUCTURE	19	26	45	P 04	C	020
		IT13 SOFTWARE ENGINEERING	25	41	66	P 04	A	032
		IT14 DATABASE MANAGEMENT SYSTEM	23	36	59	P 04	B+	028
		BM11 PRIN.& PRACT.OF MGNT.& ORG.BEH.	21	31	52	P 04	B	024
		BM12 BUSINESS PROCESS DOMAINS	64	-	64	P 02	D	020
		IT12L C AND DS LAB	40	-	40	P 02	D	020
		IT14L DBMS LAB	40	-	40	P 02	D	020
		SS11 WORD POWER	27	-	27	P 01	D	010
		HUMAN RIGHTS - I	24	-	24	P 01	D	!
		INTRODUCTION TO CYBER SECURITY - I	21	-	21	P 01	D	!
2		IT21 ESSENTIALS OF OPERATING SYSTEM	21	32	53	P 04	B	024
		IT22 WEB TECHNOLOGIES	19	26	45	P 04	C	020
		IT23 CORE JAVA	26	42	68	P 04	A	032
		IT24 ESSENTIALS OF NETWORKING	18	25	43	P 04	P	016
		MT21 DISCRETE MATHEMATICS	26	46	72	P 04	A+	036
		BM21 ESSENTIALS OF MARKETING	69	-	69	P 02	D	020
		IT22L MINI PROJECT USING WEB TECHNOLOGIES	45	-	45	P 02	D	020
		IT23L CORE JAVA LAB	47	-	47	P 02	D	020
		SS21 ORAL COMMUNICATION	28	-	28	P 01	D	010
		HUMAN RIGHTS - II	18	-	18	P 01	A+	!
		INTRODUCTION TO CYBER SECURITY - II	25	-	25	P 01	D	!
3		MTC31 PROBABILITY & COMBINATORICS	24	41	65	P 04	A	032
		ITC31 MULTIMEDIA TOOLS FOR PRESENTATION	69	-	69	P 02	D	020
		SSC31 SOFT SKILLS-PRESENTATION	30	-	30	P 01	D	010
		T1-IT31 ADVANCED DATA STRUCTURE & C++PROGRAMMING	19	26	45	P 04	C	020
		T1-IT32 DESIGN & ANALYSIS OF ALGORITHMS (DAA)	18	25	43	P 04	P	016
		T1-IT33 OBJECT ORIENTED ANALYSIS & DESIGN	18	29	47	P 04	C	020
		T1-IT34 ADVANCED INTERNET TECHNOLOGY	22	34	56	P 04	B+	028
		T1-IT31L DS & C++LAB	40	-	40	P 02	D	020
		T1-IT34L MINI PROJECT USING AIT	47	-	47	P 02	D	020
		INTRODUCTION TO CYBER SECURITY - III	25	-	25	P 01	D	!
		SKILL DEVELOPMENT - I	47	-	47	P 02	D	!
4		ITC41 OPTIMIZATION TECHNIQUES	25	40	65	* 04	A	032
		ITC42 RESEARCH METHODOLOGY & STATISTICAL TOOLS	63	-	63	* 02	D	020

CONTINUED

Ashesh

Director,

Board of Examinations & Evaluation

STATEMENT NO.:

DATE :



SAVITRIBAI PHULE PUNE UNIVERSITY

(formerly University of Pune)

GANESHKHIND, PUNE 411 007.



STATEMENT OF MARKS FOR MASTER OF COMPUTER APPLICATIONS (REVISED 2015)

SEAT NO. 12106 CENTRE 1
 NAME NATU CHAITANYA CHINTAMANI
 COLLEGE 0425 MES'S I.M.C.C. PUNE

PERM REG. NO. : 2031600409
 MOTHER : CHINMAYA

YEAR : APRIL 2018 <- MARKS -> CRE- GR-
 SEM. NAME OF THE COURSE INT UEX TOT DITS ADE GP

PAGE : 2

4	SSC41 SOFT SKILLS - INTERVIEW	29	-	29	*	01	0	010	
	T1-IT41 ADVANCED JAVA	24	39	63	*	04	A	032	
	T1-IT42 PYTHON PROGRAMMING	21	32	53	*	04	B	024	
	T1-IT43 ADVANCE DBMS	21	31	52	*	04	B	024	
	T1-IT44 CLOUD COMPUTING	20	29	49	*	04	C	020	
	T1-IT41L ADV.JAVA LAB	50	-	50	*	02	0	020	
	T1-IT42L PYTHON PROGRAMMING LAB	42	-	42	*	02	0	020	
	INTRODUCTION TO CYBER SECURITY - IV	25	-	25	*	01	0	!	
	SKILL DEVELOPMENT - II	46	-	46	*	02	0	!	
SGPA : (1) 7.330(2) 7.330(3) 6.890(4) 7.480				TOTAL 108				784	

Director,

! - Not considered for calculation of final grade

Medium of instruction: English

Board of Examinations & Evaluation

STATEMENT NO.:

DATE : 22 JUN 2018

Student admitted for (all subjects) M.Com., LLM, MA, MJMC (All Sub.) (64 credits), M.Com (E-Com) (112 credits), MCA Commerce (156 credits), M.C.A. (Science) (150 credits), M.Sc. (all subjects) M.Sc. (Computer Science), MFA, MBA, MBA (IT), MBA (HR), MBA (Marketing), MHMCT (100 credits), MMS (30 credits), PGDBM (70 credits), PGDHM (34 credits), PGDCM, M. Lib. (32 credits), PGDMM, PGDIEM, PGDFS, PGDCMM, PGDPA, PGDEM, PGDMLM (31 credits), MCA (Management) (160 credits) with effects from Academic Year 2015-2016.

Final Grade Points

Grade Points	Final Grade
09.00 - 10.00	O
08.50 - 08.99	A+
07.50 - 08.49	A
06.50 - 07.49	B+
05.50 - 06.49	B
04.25 - 05.49	C
04.00 - 04.24	P
00.00 - 03.99	F

Grade Point	% of Marks
4	40
4.2	41
4.4	42
4.6	43
4.8	44
5	45
5.2	46
5.4	47
5.6	48
5.8	49
6	50
6.2	51
6.4	52
6.6	53
6.8	54
7	55
7.2	56
7.4	57
7.6	58
7.8	59
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9.8	78
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10	>=80

Explanation of Grade & Grade Point Average

Marks Obtained %	Grade	Grade Point
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60-69	A: Very Good	8
55-59	B+: Good	7
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45-49	C: Average	5
40-44	P: Pass	4
0-39	F: Fail	0
-	Ab: Absent	0

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 TO = Total
 PR = Practical
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 # = Ordinance 4
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 @ = Ordinance 1 + 163
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SAVITRIBAI PHULE PUNE UNIVERSITY

(formerly University of Pune)
GANESHKHIND, PUNE 411 007.



STATEMENT OF MARKS FOR MASTER OF COMPUTER APPLICATIONS (REVISED 2018)

SEAT NO. 12053 CENTRE 1
NAME NATU CHAITANYA CHINTAMANI
COLLEGE 0425 MES'S I.M.C.C. PUNE

PERM REG. NO.: 2031600409
MOTHER : CHINMAYA

SEM.	YEAR : OCTOBER 2018	NAME OF THE COURSE	<- MARKS ->			CRE-	GR-	GP
			INT	UEX	TOT	DITS	ADE	
		SUBJECT : SOFTWARE & APPLICATION DEVELOPMENT						
1		IT11 FUNDAMENTALS OF COMPUTER	21	32	53	P 04	B	024
		IT12 C PROGRAMMING WITH DATA STRUCTURE	19	26	45	P 04	C	020
		IT13 SOFTWARE ENGINEERING	25	41	66	P 04	A	032
		IT14 DATABASE MANAGEMENT SYSTEM	23	36	59	P 04	B+	028
		BM11 PRIN.& PRACT.OF MGNT.& ORG.BEH.	21	31	52	P 04	B	024
		BM12 BUSINESS PROCESS DOMAINS	64	-	64	P 02	D	020
		IT12L C AND DS LAB	40	-	40	P 02	D	020
		IT14L DBMS LAB	40	-	40	P 02	D	020
		SS11 WORD POWER	27	-	27	P 01	D	010
		HUMAN RIGHTS - I	24	-	24	P 01	D	!
		INTRODUCTION TO CYBER SECURITY - I	21	-	21	P 01	D	!
2		IT21 ESSENTIALS OF OPERATING SYSTEM	21	32	53	P 04	B	024
		IT22 WEB TECHNOLOGIES	19	26	45	P 04	C	020
		IT23 CORE JAVA	26	42	68	P 04	A	032
		IT24 ESSENTIALS OF NETWORKING	18	25	43	P 04	P	016
		MT21 DISCRETE MATHEMATICS	26	46	72	P 04	A+	036
		BM21 ESSENTIALS OF MARKETING	69	-	69	P 02	D	020
		IT22L MINI PROJECT USING WEB TECHNOLOGIES	45	-	45	P 02	D	020
		IT23L CORE JAVA LAB	47	-	47	P 02	D	020
		SS21 ORAL COMMUNICATION	28	-	28	P 01	D	010
		HUMAN RIGHTS - II	18	-	18	P 01	A+	!
		INTRODUCTION TO CYBER SECURITY - II	25	-	25	P 01	D	!
3		MTC31 PROBABILITY & COMBINATORICS	24	41	65	P 04	A	032
		ITC31 MULTIMEDIA TOOLS FOR PRESENTATION	69	-	69	P 02	D	020
		SSC31 SOFT SKILLS-PRESENTATION	30	-	30	P 01	D	010
		T1-IT31 ADVANCED DATA STRUCTURE & C++PROGRAMMING	19	26	45	P 04	C	020
		T1-IT32 DESIGN & ANALYSIS OF ALGORITHMS (DAA)	18	25	43	P 04	P	016
		T1-IT33 OBJECT ORIENTED ANALYSIS & DESIGN	18	29	47	P 04	C	020
		T1-IT34 ADVANCED INTERNET TECHNOLOGY	22	34	56	P 04	B+	028
		T1-IT31L DS & C++LAB	40	-	40	P 02	D	020
		T1-IT34L MINI PROJECT USING AIT	47	-	47	P 02	D	020
		INTRODUCTION TO CYBER SECURITY - III	25	-	25	P 01	D	!
		SKILL DEVELOPMENT - I	47	-	47	P 02	D	!
4		ITC41 OPTIMIZATION TECHNIQUES	25	40	65	P 04	A	032
		ITC42 RESEARCH METHODOLOGY & STATISTICAL TOOLS	63	-	63	P 02	D	020

CONTINUED

Ashesh C.

Director,

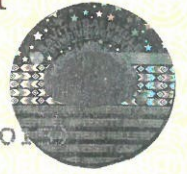
Board of Examinations & Evaluation

DATE :



SAVITRIBAI PHULE PUNE UNIVERSITY

(formerly University of Pune)
GANESHKHIND, PUNE 411 007.



STATEMENT OF MARKS FOR MASTER OF COMPUTER APPLICATIONS (REVISED 2018)

SEAT NO. 12053 CENTRE 1
NAME NATU CHAITANYA CHINTAMANI
COLLEGE 0425 MES'S I.M.C.C. PUNE

PERM REG. NO.: 2031600409
MOTHER : CHINMAYA

YEAR : OCTOBER 2018
SEM. NAME OF THE COURSE

<- MARKS -> CRE- GR-
INT UEX TOT DITS ADE GP

PAGE : 2

4	SSC41 SOFT SKILLS - INTERVIEW	29	-	29	P	01	D	010
	T1-IT41 ADVANCED JAVA	24	39	63	P	04	A	032
	T1-IT42 PYTHON PROGRAMMING	21	32	53	P	04	B	024
	T1-IT43 ADVANCE DBMS	21	31	52	P	04	B	024
	T1-IT44 CLOUD COMPUTING	20	29	49	P	04	C	020
	T1-IT41L ADV.JAVA LAB	50	-	50	P	02	D	020
	T1-IT42L PYTHON PROGRAMMING LAB	42	-	42	P	02	D	020
	INTRODUCTION TO CYBER SECURITY - IV	25	-	25	P	01	D	!
	SKILL DEVELOPMENT - II	46	-	46	P	02	D	!
5	ITCS1 SOFTWARE PROJECT MANAGEMENT	-	35	35	*	03	B	018
	ITCS1P PROJECT	79	-	79	*	03	A+	027
	SSC51 SOFT SKILLS-GROUP DISCUSSION	25	-	25	*	01	D	010
	T1-IT51 ASP .NET USING C#	20	28	48	*	04	C	020
	T1-IT52 SERVICE ORIENTED ARCHITECTURE	17	23	40	*	04	P	016
	T1-IT53 BIG DATA ANALYTICS	18	24	42	*	04	P	016
	T1-IT54 MOBILE APPLICATION DEVELOPMENT	20	29	49	*	04	C	020
	T1-IT51L MINI PROJECT USING ASP .NET	43	-	43	*	02	D	020
	T1-IT54L MINI PROJECT USING MOBILE APPLICATION DEVELOPMENT	45	-	45	*	02	D	020
SGPA : (1) 7.330(2) 7.330(3) 6.890(4) 7.480(5) 6.190				TOTAL	135			951

Ashesh

Director,

Board of Examinations & Evaluation

! - Not considered for calculation of final grade
Medium of instruction: English

DATE : 18 JAN 2019

Student admitted for (all subjects) M.Com., LLM, MA, MJMC (All Sub.) (64 credits), M.Com (E-Com) (112 credits), MCA Commerce (156 credits), M.C.A. (Science) (150 credits), M.Sc. (all subjects) M.Sc. (Computer Science), MFA, MBA, MBA (IT), MBA (HR), MBA (Marketing), MHMCT (100 credits), MMS (30 credits), PGDBM (70 credits), PGDHM (34 credits), PGDCM, M. Lib. (32 credits), PGDMM, PGDIEM, PGDFS, PGDCMM, PGDPA, PGDEM, PGDMLM (31 credits), MCA (Management) (160 credits) with effects from Academic Year 2015-2016.

Final Grade Points

Grade Points	Final Grade
09.00 - 10.00	O
08.50 - 08.99	A+
07.50 - 08.49	A
06.50 - 07.49	B+
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Grade Point	% of Marks
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4.4	42
4.6	43
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5.2	46
5.4	47
5.6	48
5.8	49
6	50
6.2	51
6.4	52
6.6	53
6.8	54
7	55
7.2	56
7.4	57
7.6	58
7.8	59
8	60
8.1	61
8.2	62
8.3	63
8.4	64
8.5	65
8.6	66
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9.1	71
9.2	72
9.3	73
9.4	74
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9.6	76
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SAVITRIBAI PHULE PUNE UNIVERSITY

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GANESHKHIND, PUNE 411 007.



STATEMENT OF MARKS FOR MASTER OF COMPUTER APPLICATIONS (REVISED 2015)

SEAT NO. 12045	CENTRE 1	PERM REG. NO. : 2031600409
NAME NATU CHAITANYA CHINTAMANI		MOTHER : CHINMAYA
COLLEGE 0425 MES'S I.M.C.C. PUNE		

SEM.	YEAR : APRIL 2019	NAME OF THE COURSE	← MARKS →			CRE-	GR-	GP
			INT	UEX	TOT			
SUBJECT : SOFTWARE & APPLICATION DEVELOPMENT								
1		IT11 FUNDAMENTALS OF COMPUTER	21	32	53	P 04	B	024
		IT12 C PROGRAMMING WITH DATA STRUCTURE	19	26	45	P 04	C	020
		IT13 SOFTWARE ENGINEERING	25	41	66	P 04	A	032
		IT14 DATABASE MANAGEMENT SYSTEM	23	36	59	P 04	B+	028
		BM11 PRIN.& PRACT.OF MGNT.& ORG.BEH.	21	31	52	P 04	B	024
		BM12 BUSINESS PROCESS DOMAINS	64	-	64	P 02	O	020
		IT12L C AND DS LAB	40	-	40	P 02	O	020
		IT14L DBMS LAB	40	-	40	P 02	O	020
		SS11 WORD POWER	27	-	27	P 01	O	010
		HUMAN RIGHTS - I	24	-	24	P 01	O	!
		INTRODUCTION TO CYBER SECURITY - I	21	-	21	P 01	O	!
2		IT21 ESSENTIALS OF OPERATING SYSTEM	21	32	53	P 04	B	024
		IT22 WEB TECHNOLOGIES	19	26	45	P 04	C	020
		IT23 CORE JAVA	26	42	68	P 04	A	032
		IT24 ESSENTIALS OF NETWORKING	18	25	43	P 04	P	016
		MT21 DISCRETE MATHEMATICS	26	46	72	P 04	A+	036
		BM21 ESSENTIALS OF MARKETING	69	-	69	P 02	O	020
		IT22L MINI PROJECT USING WEB TECHNOLOGIES	45	-	45	P 02	O	020
		IT23L CORE JAVA LAB	47	-	47	P 02	O	020
		SS21 ORAL COMMUNICATION	28	-	28	P 01	O	010
		HUMAN RIGHTS - II	18	-	18	P 01	A+	!
		INTRODUCTION TO CYBER SECURITY - II	25	-	25	P 01	O	!
3		MTC31 PROBABILITY & COMBINATORICS	24	41	65	P 04	A	032
		ITC31 MULTIMEDIA TOOLS FOR PRESENTATION	69	-	69	P 02	O	020
		SSC31 SOFT SKILLS-PRESENTATION	30	-	30	P 01	O	010
		T1-IT31 ADVANCED DATA STRUCTURE & C++PROGRAMMING	19	26	45	P 04	C	020
		T1-IT32 DESIGN & ANALYSIS OF ALGORITHMS (DAA)	18	25	43	P 04	P	016
		T1-IT33 OBJECT ORIENTED ANALYSIS & DESIGN	18	29	47	P 04	C	020
		T1-IT34 ADVANCED INTERNET TECHNOLOGY	22	34	56	P 04	B+	028
		T1-IT31L DS & C++LAB	40	-	40	P 02	O	020
		T1-IT34L MINI PROJECT USING AIT	47	-	47	P 02	O	020
		INTRODUCTION TO CYBER SECURITY - III	25	-	25	P 01	O	!
		SKILL DEVELOPMENT - I	47	-	47	P 02	O	!
4		ITC41 OPTIMIZATION TECHNIQUES	25	40	65	P 04	A	032
		ITC42 RESEARCH METHODOLOGY & STATISTICAL TOOLS	63	-	63	P 02	O	020

CONTINUED

Director,

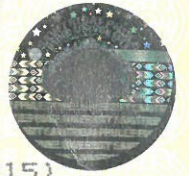
Board of Examinations & Evaluation

DATE :



SAVITRIBAI PHULE PUNE UNIVERSITY

(formerly University of Pune)
GANESHKHIND, PUNE 411 007.



STATEMENT OF MARKS FOR MASTER OF COMPUTER APPLICATIONS (REVISED 2015)

SEAT NO. 12045 CENTRE 1 PERM REG. NO.: 2031600409
NAME NATU CHAITANYA CHINTAMANI MOTHER : CHINMAYA
COLLEGE 0425 MES'S I.M.C.C. PUNE

YEAR : APRIL 2019 <- MARKS -> CRE- GR-
SEM. NAME OF THE COURSE INT UEX TOT DITS ADE GP

PAGE : 2

4	SSC41 SOFT SKILLS - INTERVIEW	29	-	29	P	01	0	010
	T1-IT41 ADVANCED JAVA	24	39	63	P	04	A	032
	T1-IT42 PYTHON PROGRAMMING	21	32	53	P	04	B	024
	T1-IT43 ADVANCE DBMS	21	31	52	P	04	B	024
	T1-IT44 CLOUD COMPUTING	20	29	49	P	04	C	020
	T1-IT41L ADV.JAVA LAB	50	-	50	P	02	0	020
	T1-IT42L PYTHON PROGRAMMING LAB	42	-	42	P	02	0	020
	INTRODUCTION TO CYBER SECURITY - IV	25	-	25	P	01	0	!
	SKILL DEVELOPMENT - II	46	-	46	P	02	0	!
5	ITC51 SOFTWARE PROJECT MANAGEMENT	-	35	35	P	03	B	018
	ITC51P PROJECT	79	-	79	P	03	A+	027
	SSC51 SOFT SKILLS-GROUP DISCUSSION	25	-	25	P	01	0	010
	T1-IT51 ASP .NET USING C#	20	28	48	P	04	C	020
	T1-IT52 SERVICE ORIENTED ARCHITECTURE	17	23	40	P	04	P	016
	T1-IT53 BIG DATA ANALYTICS	18	24	42	P	04	P	016
	T1-IT54 MOBILE APPLICATION DEVELOPMENT	20	29	49	P	04	C	020
	T1-IT51L MINI PROJECT USING ASP .NET	43	-	43	P	02	0	020
	T1-IT54L MINI PROJECT USING MOBILE APPLICATION DEVELOPMENT	45	-	45	P	02	0	020
6	ITC61 OPEN SUBJECT	65	-	65	*	03	0	030
	ITC61L OPEN SUBJECT LAB	28	-	28	*	01	0	010
	ITC61P PROJECT	135	230	365	*	21	0	210
SGPA : (1) 7.330(2) 7.330(3) 6.890(4) 7.480(5) 6.190(6) 10.000						TOTAL 160		1201
TOT.MARKS : 2688/4000 (67.20%)		CGPA : 7.510		FINAL GRADE : A				

Ashesh C.

Director,

Board of Examinations & Evaluation

! - Not considered for calculation of final grade
Medium of instruction: English

DATE : 4 JUL 2019

Student admitted for (all subjects) M.Com., LLM, MA, MJMC (All Sub.) (64 credits), M.Com (E-Com) (112 credits), MCA Commerce (156 credits), M.C.A. (Science) (150 credits), M.Sc. (all subjects) M.Sc. (Computer Science), MFA, MBA, MBA (IT), MBA (HR), MBA (Marketing), MHMCT (100 credits), MMS (30 credits), PGDBM (70 credits), PGDHM (34 credits), PGDCM, M. Lib. (32 credits), PGDMM, PGDIEM, PGDFS, PGDCMM, PGDPA, PGDEM, PGDMLM (31 credits), MCA (Management) (160 credits) with effects from Academic Year 2015-2016.

Final Grade Points

Grade Points	Final Grade
09.00 - 10.00	O
08.50 - 08.99	A+
07.50 - 08.49	A
06.50 - 07.49	B+
05.50 - 06.49	B
04.25 - 05.49	C
04.00 - 04.24	P
00.00 - 03.99	F

Grade Point	% of Marks
4	40
4.2	41
4.4	42
4.6	43
4.8	44
5	45
5.2	46
5.4	47
5.6	48
5.8	49
6	50
6.2	51
6.4	52
6.6	53
6.8	54
7	55
7.2	56
7.4	57
7.6	58
7.8	59
8	60
8.1	61
8.2	62
8.3	63
8.4	64
8.5	65
8.6	66
8.7	67
8.8	68
8.9	69
9	70
9.1	71
9.2	72
9.3	73
9.4	74
9.5	75
9.6	76
9.7	77
9.8	78
9.9	79
10	>=80

Explanation of Grade & Grade Point Average

Marks Obtained %	Grade	Grade Point
80-100	O : Outstanding	10
70-79	A+: Excellent	9
60-69	A: Very Good	8
55-59	B+: Good	7
50-54	B: Above Average	6
45-49	C: Average	5
40-44	P: Pass	4
0-39	F: Fail	0
-	Ab: Absent	0

(i) Semester Grade Point Average (SGPA) =

$$SGPA = \frac{\sum_{i=1}^p C_i G_i}{\sum_{i=1}^p C_i}$$

$$SGPA = \frac{\sum \text{Grade Points Earned} \times \text{Credits for each Course}}{\text{Total Credits}}$$

(ii) Cumulative Grade Point Average (CGPA) =

$$CGPA = \frac{\sum_{i=1}^p C_i G_i}{\sum_{i=1}^p C_i}$$

$$CGPA = \frac{\sum \text{Grade Points Earned} \times \text{Credits for each Course}}{\text{Total Credits}}$$

ABBREVIATIONS

INT = Internal Examination
 UEX = University Examination
 PC = Performance Cancelled
 AB = Absent
 F = Fail in Subject / Course
 TEX = Term End
 EE = External
 TH = Theory Paper
 TW = Term Work

OR = Oral
 PJ = Project
 VV = Viva
 SL = Sessional
 TO = Total
 PR = Practical
 OL = Online Exam
 OBT = Obtained Marks

GRD = Grade
 CRD = Credit
 GP = Grade Point
 # = Ordinance 4
 & = Ordinance 163
 \$ = Ordinance 1
 @ = Ordinance 1 + 163
 * = Current appearance



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
Natu Chaitanya Chintamani, Mother's Name: Chinmaya
of M.E.S.'s Institute of Management & Career Course, Pune having been examined and
found duly qualified for the degree of
Master of Computer Application
and placed in the A Grade in April 2019. 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,

नातू चैतन्य चिंतामणी, आईचे नाव: चिन्मया

हे एम.ई.एस.चे इन्स्टिट्यूट ऑफ मॅनेजमेंट अँड करिअर कोर्स, पुणे येथून ए श्रेणीत एप्रिल २०१९ मध्ये

संगणक उपयोजन पारंगत

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



Vice Chancellor

08th January 2020

MG19-06435



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
Natu Chaitanya Chintamani, Mother's Name: Chinmaya
of Fergusson College, Pune having been examined and found duly qualified for the degree of
Bachelor of Science (Computer Science)
and placed in the First Class in April 2016. 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,

नातु चैतन्य चिंतामणि, आईचे नाव: चिन्मया

हे फर्ग्युसन महाविद्यालय, पुणे येथून प्रथम श्रेणीत एप्रिल २०१६ मध्ये

विज्ञान स्नातक (संगणक शास्त्र)

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



Vice Chancellor

30th December 2016

SC16-10667



ATTESTED
NOTARY PUBLIC
DELHI (INDIA)

(PUNEET KUMAR PATEL)
SDM (Karawal Nagar)
D.C. Office Complex, K-Block,
Nand Nagari, Delhi-110093



(SUNIL CHANAP)
Section Officer (O)
Ministry of External Affairs New

भारत सरकार GOVERNMENT OF INDIA
अपॉस्टिल / APOSTILLE
(Convention de La Haye du 5 octobre 1961)
REPUBLIC OF INDIA
This public document
CERTIFICATE
has been signed by
VICE CHANCELLOR
acting in the capacity of
VICE CHANCELLOR
bears the seal/stamp of
SDM, KARAWAL NAGAR, DELHI
Certified
at NEW DELHI, INDIA the 08-Sep-2020
by SO (O/Attestation) MINISTRY OF EXTERNAL AFFAIRS
No. DLND0002809820
Seal / Stamp
Signature
is issued to NATU CHAITANYA CHINTAMANI

CONVOCAATION NUMBER SC16-10667

Natu Chaitanya Chintamani

001/A Parijatban soc Near bindu nursing home
Sudarshan nagar Chinchwad Pune-411033

Chinchwad 411033

PRN NUMBER 1101403507 SEAT NUMBER 335

Speed Post Barcode



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