



SENIOR COLLEGE

B.Com. (Computer Application) (B.C.C.A.)
(English Medium) Faculty of Commerce
[Semester Pattern (CBCS)]

Timings : 8.20 a.m. to 1.20 p.m.

Three Years Degree Course [B.C.C.A. Part - I, II, III (Eng. Med.) (Semester Pattern)]

University and government has given sanction for an extra B.Com (Computer Application) class in English Medium on No Grant basis from 2003-04 B.Com. (Computer Application) part I, 2004-05 B.Com. (Computer Application) part II and 2005-06 B.Com. (Computer Application) part III. Laboratory fee of Rs. 5000/- shall be charged for this course.

B.C.C.A. Part - I (Sem I & II)

New Syllabus implemented from 2016-2017 onwards.

B.C.C.A - I (Semester I)	Paper	Examination Scheme		
		Theory		
		Max Marks Theory Paper (TH)	Max Internal Marks (IA)	Total
Theory				
1. English & Business Communication	I	80	20	100
2. Financial Accounting	II	80	20	100
3. Fundamentals of Computer	III	80	20	100
4. Programming in 'C'	IV	80	20	100
Practical				
5. Fundamentals of Computer & Programmin in 'C'	P-I	100	-	100
Total				500

B.C.C.A - I (Semester II)	Paper	Examination Scheme		
		Theory		
		Max Marks Theory Paper (TH)	Max Internal Marks (IA)	Total
Theory				
1. English & Business Communication	I	80	20	100
2. Principles of Business Manag.	II	80	20	100
3. Programming in 'C++'	III	80	20	100
4. E-Commerce & Web Designing	IV	80	20	100
Practical				
5. Programming in 'C++' & E-Commerce & Web Designing	P-I	100	-	100
Total				500

B.C.C.A. Part - II (Sem III & IV)

New Syllabus implemented from 2017-2018 onwards.

B.C.C.A - II (Semester III)	Paper	Examination Scheme		
		Theory		
		Max Marks Theory Paper (TH)	Max Internal Marks (IA)	Total
Theory				
1. Environmental Studies	I	80	20	100
2. Business Economics	II	80	20	100
3. Visual Basic Programming	III	80	20	100
4. Database Management System	IV	80	20	100
Practical				
5. Visual Basic Programming & Database Management System	P-I	100	-	100
Total				500

B.C.C.A - II (Semester IV)	Paper	Examination Scheme		
		Theory		
		Max Marks Theory Paper (TH)	Max Internal Marks (IA)	Total
Theory				
1. Mathematics	I	80	20	100
2. Business Law	II	80	20	100
3. Core Java	III	80	20	100
4. PHP & MySQL	IV	80	20	100
Practical				
5. Core Java & PHP & MySQL	P-I	100	-	100
Total				500



SENIOR COLLEGE

B.Com. (Computer Application) (B.C.C.A.)
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 [Semester Pattern (CBCS)]

Timings : 7.30 a.m. to 1.30 p.m.

Three Years Degree Course [B.C.C.A. Part - I, II, III (Eng. Med.) (Semester Pattern)]

B.C.C.A. Part - III (Sem V & VI)

New Syllabus implemented from 2018-2019 onwards.

B.C.C.A - III (Semester V)	Paper	Examination Scheme		
		Theory		
		Max Marks Theory Paper (TH)	Max Internal Marks (IA)	Total
Theory				
1. Computerized Accounting Using Tally	I	80	20	100
2. VB.Net	II	80	20	100
SEC - I :				
3. i) Management Information System ii) System Analysis & Design	III	80	20	100
DSC - I :				
4. i) Cost & Management Accounting ii) Corporate Accounting	IV	80	20	100
Practical				
5. Tally & VB.Net	P-I	100	-	100
Total				500

B.C.C.A - III (Semester VI)	Paper	Examination Scheme		
		Theory		
		Max Marks Theory Paper (TH)	Max Internal Marks (IA)	Total
Theory				
1. C#. Net SEC - II :	I	80	20	100
2. i) Python ii) Ruby on Rail DSE - II :	II	80	20	100
3. i) Entrepreneurship Development ii) Company law & Secretarial Practice	III	80	20	100
Practical				
5. C#. Net & SEC - II	P-I	100	-	100
6. Project	Proj	100	-	100
Total				500

- Notes :**
- Duration of one Theory / Practical period is 48 minutes.
 - TH = Theory, PR = Practical, IA = Internal Assessment.
 - Minimum passing marks shall be 40 including internal assessment & University theory papers put together.
 - The practical shall be treated as a separate passing head.
 - Record should be prepared for Practical. Both Components should be included in Practical Record.
 - The candidate has to pass theory papers and Practical Paper separately.
 - One credit is equivalent to one hour of Teaching or two hours of Practical Work per week.
 Viz. Theory - 48 Minutes * 5 = 240 Minutes = 4 Hours i.e. 4 Credits.
 Practical - 48 Minutes * 10 = 480 Minutes = 8 Hours i.e. 4 Credits.
 - Each semester will consist of 15 - 18 weeks of Academic Work equivalent to 90 actual teaching days.
 - The odd semester may be scheduled from July to December and even semester from January to June.

5. Classification of Practical Marks :

Practical - I	Marks (Component - I)	Marks (Component - II)
1. Writing a program or problem (Algorithm & Flow Chart) 2. Execute on a Computer 3. Taking Hard Copy	20	20
Practical - II		
1. Writing a program or problem (Algorithm & program) External Viva-Voce Practical Record	10 10 10	10 10 10
Total	50	50
	= 100	



F E E S

B.Com. (Computer Application) (B.C.C.A.) (Eng. Med.) (Permanent Non - Grant)

Sr. No. Fees	I Year GOI/EBC	II Year GOI/EBC	III Year GOI/EBC	I Year Full Fee	II Year Full Fee	III Year Full Fee
1. Tuition Fee	0	0	0	7408	7408	7408
2. Laboratory Fee	0	0	0	9257	9257	9257
3. Identity Card	20	20	20	20	20	20
4. Library Fee	300	300	300	300	300	300
5. Admission Fee	100	100	100	100	100	100
6. Games & Sports Fee (Gymkhana Fee)	300	300	300	300	300	300
7. Other Activity Fee	240	340	240	240	340	240
8. University Enrollment Fee	80	0	0	80	0	0
9. University Student AID Fund	115	115	115	115	115	115
10. University Vikas Nidhi	1045	1045	1045	1045	1045	1045
11. University Game Fee	25	25	25	25	25	25
12. Ashwamedh Fee	30	30	30	30	30	30
13. Degree Fee	0	0	220	0	0	220
14. Project Dissertation Fee	0	0	2000	0	0	2000
15. University Medical AID Fund	70	70	70	70	70	70
16. University Practical Exam Fee	124	124	124	124	124	124
17. College Magazine Fee	100	100	100	100	100	100
18. Student Insurance Fee	40	40	40	40	40	40
19. University Exam Fee	830	830	830	830	830	830
Total	3419	3439	5559	20084	20104	22224
Less : NSM Scholarship	0	0	0	5000	4000	4000
Net Total	3419	3439	5559	15084	16104	18224
Other Fees : Only if Applicable						
1. Immigration Fee (Students coming from other Board)				500		

Note: In case of increase in fees by the Government / University the students shall be charged accordingly.

All syllabus are subject to change due to adoption of NEP. Students are requested to visit www.nagpuruniversity.ac.in for updated syllabus.

Bachelor of Computer Application (BCCA)
BCCA – Semester I

Sr. No.	Course Type	Course/Subject Name	Course Code	Teaching Scheme	Examination Scheme				Total Marks	Credits
					Total Periods per Week	Max. Marks (TH) *	Max. Marks (IM)	Total Marks		
	1AE1	English and Business Communication – I	1T1	5	80	20	100	40	100	4
	1CC2	MS Office (IT)	1T2	5	80	20	100	40	100	4
	1CC3	Fundamentals of Computers	1T3	5	80	20	100	40	100	4
	1GE4	Professional Ethics & Human Values OR	1T4	5	80	20	100	40	100	4

Outcome based and CBCS Syllabus B. Com. (Computer Application) (BCCA)

		Personal Wellbeing								
Practical										
5	1CC5	Tally I (ERP 9)	1P5	9	100	-	100	40	100	4
		Total		29	420	80	500	200	500	20

BCCA – Semester - II

Sr. No.	Course Type	Course/Subject Name	Course Code	Teaching Scheme	Examination Scheme				Total Marks	Credits
					Total Periods per Week	Max. Marks (TH)	Max. Marks (IV)	Total Marks		
1	2AE1	English and Business Communication – II	2T1	5	80	20	100	40	100	4
2	2CC2	Principles of Business Management	2T2	5	80	20	100	40	100	4
3	2CC3	Data Base Management System	2T3	5	80	20	100	40	100	4
4	2SE4	E-Commerce and Web Designing	2T4	5	80	20	100	40	100	4
Practical										
5	2CC5	Tally II (ERP 9)	2P5	9	100	-	100	40	100	4
		Total		29	420	80	500	200	500	20

BCCA – Semester - III

Sr. No.	Course Type	Course/Subject Name	Course Code	Teaching Scheme	Examination Scheme				Total Marks	Credits
					Total Periods per Week	Max. Marks (TH)	Max. Marks (IM)	Total Marks		
1	3AE1	Environmental Studies & Community Engagement	3T1	5	80	20	100	40	100	4
2	3CC2	Business Studies	3T2	5	80	20	100	40	100	4
3	3AE3	CSS & Java Script	3T3	5	80	20	100	40	100	4
4	3GE4	Ethical Hacking OR Computer Network OR Content Writing & Analysis	3T4	5	80	20	100	40	100	4
Practical										
5	3CC5	CSS & Java Script and Statistical Techniques using Excel	3P5	9	100	-	100	40	100	4
		Total		29	420	80	500	200	500	20

BCCA – Semester – IV

Sr. No.	Course Type	Course/Subject Name	Course Code	Teaching Scheme	Examination Scheme				Total Marks	Credits
					Total Periods per Week	Max. Marks (Th)	Max. Marks (It)	Total Marks		
1	4CC1	Business Economics	4T1	5	80	20	100	40	100	4
2	4CE2	Business Law & Cyber Security OR Research Methodology	4T2	5	80	20	100	40	100	4
3	4DS3	Cloud Computing OR AI & ML OR MIS	4T3	5	80	20	100	40	100	4
4	4SE4	PHP & MySQL	4T4	5	80	20	100	40	100	4
Practical										
5	4CC5	PHP & My SQL	4P5	9	100	-	100	40	100	4
		Total		29	420	80	500	200	500	20

BCCA – Semester – V

Sr. No.	Course Type	Course/Subject Name	Course Code	Teaching Scheme	Examination Scheme				Total Marks	Credits
					Total Periods per Week	Max. Marks (T-1)	Max. Marks (T-2)	Total Marks		
1	SCC1	Python	ST1	5	80	20	100	40	100	4
2	SAE2	Internet of Things	ST2	5	80	20	100	40	100	4
3	SOSL3	Big Data OR Block chain Technology OR Software Project Management	ST3	5	80	20	100	40	100	4
4	SCC4	Internship	ST4	5	00	00	100	40	100	4
Practical										
5	SCC5	Practical of Python & Data Visualization	SP5	9	100	-	100	40	100	4
		Total		29	340	60	500	200	500	20

BCCA – Semester – VI

Sr. No.	Course Type	Course/Subject Name	Course Code	Teaching Scheme	Examination Scheme				Total Marks	Credits
					Total Periods per Week	Max. Marks (TH)	Max. Marks (IM)	Total Marks		
1	6SE-1	Web Technology and Multimedia	6T3	5	80	20	100	40	100	4

Outcome Based and CBCS Syllabus B. Com. (Computer Application) (BCCA)

2	6SE-2	Entrepreneurship Skill Development	6T2	5	80	20	100	40	100	4
3	6GE-3	Digital Marketing OR Company law & Secretarial practices	6T3	5	80	20	100	40	100	4
4	6CC-4	Project	6P4	10	00	00	200	80	200	8
				25	240	60	500	200	500	20

Rashtrasant Tukadoji Maharaj Nagpur University

"(Established by Government of Central Provinces Education Department by Notification No.513 dated the 1st of August, 1923 & presently a State University governed by Maharashtra Public Universities Act, 2016)"
(Mah. Act No. VI of 2017)



Bachelor of Commerce (Computer Applications)

(Faculty of Commerce & Management)

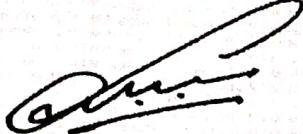
*This degree of Bachelor of Commerce
(Computer Applications) is awarded to*

Aishwarya Rajkumar Umredkar

Mother's Name Chaya

*on having passed the examination for
the said Degree in Summer 2020 and was
placed in the 7.40 C.G.P.A.*

Nagpur : July 9, 2021


Vice-Chancellor