



# HIMALAYAN GARHWAL UNIVERSITY

BLOCK POKHRA, DISTRICT PAURI GARHWAL, UTTARAKHAND

Established under section 2(f) of UGC Act, 1956

Name: Amit Rana Enrollment No. : A201981685  
 Father's Name: Rai Singh Rana Roll No. : 1920211509  
 Mother's Name: Sarla Rana Session: 2019-2020  
 Course: Bachelor of Computer Applications (BCA)

### Semester : First

Subject Code	Subject Name	Internal Marks		External Marks		Grand Total	
		MM	MO	MM	MO	MM	MO
BCAAS1	General English	30	21	70	56	100	77
BCA101	Computer Fundamental	30	20	70	40	100	60
BCA102	Programming in "C"	30	23	70	43	100	66
BCA103	Mathematical Foundation of Computer Science	30	17	70	40	100	57
BCAP11	Computer Fundamental Lab (Practical)	30	19	70	51	100	70
BCAP12	Programming in "C" Lab (Practical)	30	22	70	41	100	63
<b>TOTAL</b>		<b>180</b>	<b>122</b>	<b>420</b>	<b>271</b>	<b>600</b>	<b>393</b>

### Semester : Second

BCAAS2	Environmental science	50	30	50	33	100	63
BCA201	Data Structure & File Organization	50	37	50	33	100	70
BCA202	Programming in C++	50	31	50	33	100	64
BCA203	Database Management Systems	50	29	50	33	100	62
BCAP21	Data Structure & File Organization-Lab (Practical)	50	33	50	33	100	66
BCAP22	Programming in C++ Lab (Practical)	50	36	50	33	100	69
<b>TOTAL</b>		<b>300</b>	<b>196</b>	<b>300</b>	<b>198</b>	<b>600</b>	<b>394</b>

Semester	First	Second	Total	Result
Max. Marks	600	600	1200	Pass
Marks Obt.	393	394	787	

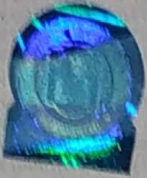
Date of Issue: 28-09-2020



Prepared by:

Checked by:

Controller of Examinations



# HIMALAYAN GARHWAL UNIVERSITY

BLOCK POKHRA, DISTRICT PAURI GARHWAL, UTTARAKHAND

Established under section 2(f) of UGC Act, 1956

Name: Amit Rana Enrollment No. : A201981685  
 Father's Name: Rai Singh Rana Roll No. : 2020221509  
 Mother's Name: Sarla Rana Session: 2020-2021  
 Course: Bachelor of Computer Applications (BCA)

**Semester : Third**

Subject Code	Subject Name	Internal Marks		External Marks		Grand Total	
		MM	MO	MM	MO	MM	MO
BCA301	Computer Networks	30	18	70	39	100	57
BCA302	Computer Based Numerical Techniques	30	24	70	45	100	69
BCA303	System Analysis and Design	30	17	70	48	100	65
BCASEC1	Office Automation Tools	30	20	70	47	100	67
BCAP31	Computer Networks Lab (Practical)	30	16	70	40	100	56
BCAP32	Computer Based Numerical Techniques Lab	30	23	70	47	100	70
<b>TOTAL</b>		<b>180</b>	<b>118</b>	<b>420</b>	<b>266</b>	<b>600</b>	<b>384</b>

**Semester : Fourth**

BCA401	Multimedia Systems and Applications	50	34	50	32	100	66
BCA402	Operating System Organization & UNIX	50	31	50	32	100	63
BCA403	Software Engineering	50	33	50	32	100	65
BCASEC2	Graph Theory	50	37	50	32	100	69
BCAP41	Multimedia Systems and Applications Lab (Practical)	50	34	50	32	100	66
BCAP42	Operating System Organization & UNIX Lab (Practical)	50	37	50	32	100	69
<b>TOTAL</b>		<b>300</b>	<b>206</b>	<b>300</b>	<b>192</b>	<b>600</b>	<b>398</b>

Semester	Third	Fourth	Total	Result
Max. Marks	600	600	1200	Pass
Marks Obt.	384	398	782	

Date of Issue: 27-08-2021



Prepared by: \_\_\_\_\_

Checked by: \_\_\_\_\_

Controller of Examinations



# MAHARAJA AGRASEN HIMALAYAN GARHWAL UNIVERSITY

UTTARAKHAND

(Formerly Himalayan Garhwal University)

BLOCK POKHRA, DISTRICT PAURI GARHWAL, UTTARAKHAND

Established under section 2(f) of UGC Act, 1956



Name: Amit Rana Enrollment No. : A201981685  
 Father's Name: Rai Singh Rana Roll No. : 2120231509  
 Mother's Name: Sarla Rana Session: 2021-2022  
 Course: Bachelor of Computer Applications (BCA)

### Semester : Fifth

Subject Code	Subject Name	Internal Marks		External Marks		Grand Total	
		MM	MO	MM	MO	MM	MO
BCADSE1	Web Technologies	30	17	70	44	100	61
BCADSE2	ASP.NET	30	22	70	43	100	65
BCADSE3	Artificial Intelligence	30	17	70	55	100	72
BCASEC3	Multimedia and Applications	30	19	70	43	100	62
BCAEP51	Web Technologies (Practical)	30	22	70	36	100	58
BCAEP52	ASP.NET (Practical)	30	18	70	54	100	72
<b>TOTAL</b>		<b>180</b>	<b>115</b>	<b>420</b>	<b>275</b>	<b>600</b>	<b>390</b>

### Semester : Sixth

BCADSE4	Software Project Management	30	22	70	50	100	72
BCADSE5	Human Computer Interaction	30	15	70	39	100	54
BCASEC4	PHP Programming	30	19	70	43	100	62
BCAEP61	Software Project Management (Practical)	30	16	70	43	100	59
BCAPR62	Project	50	36	150	116	200	152
<b>TOTAL</b>		<b>170</b>	<b>108</b>	<b>430</b>	<b>291</b>	<b>600</b>	<b>399</b>

Semester	Fifth	Sixth	Total	Result
Max. Marks	600	600	1200	Pass
Marks Obt.	390	399	789	

Date of Issue: 27-07-2022



Prepared by:

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