



RNB

GLOBAL UNIVERSITY

Educating stars for tomorrow

List of Electives

RNB GLOBAL UNIVERSITY

RNB Global City, Ganganagar Road,
Bikaner, Rajasthan 334601

Semester -III

S. No	Course Code	Course Name	L	T	P	Credits
1.	11005400	Summer Internship and Report	0	0	12	6
2.	11005601	Strategic Management	3	0	0	3
3.	11005501	Entrepreneurship	3	0	0	3
4.	-	Open Elective-I	3	0	0	3
Group 1(Marketing)						
5.	-	Specialization Elective - I	3	0	0	3
6.	-	Specialization Elective - II	3	0	0	3
Group 2 (Finance or HR)						
7.	-	Specialization Elective - I	3	0	0	3
8.	-	Specialization Elective - II	3	0	0	3
9.	99002900	Center for Leadership Development -I	3	0	0	3
10.	11018100	Managerial & Interviewing Skills	3	0	0	3
11.	99002800	Workshops & Seminars	-	-	-	1
12.	99002700	Human Values & Social Service/NCC/NSS	-	-	-	1
Total			27	0	12	35

Semester -IV

S. No.	Course Code	Course Name	L	T	P	Credits
1.	11009800	International Business	3	0	0	3
2.	-	Open Elective II	3	0	0	3
Group 1 (Marketing)						
3.	-	Specialization Elective-3	3	0	0	3
Group 2 (Finance or HR)						
4.	-	Specialization Elective-3	3	0	0	3
5.	11010600	Final Project & dissertation	0	0	12	6
6.	11018600	Critical Thinking and Research Analysis	3	0	0	3
7.	99002600	Centre for Leadership Development - II	3	0	0	3
8.	99002800	Workshops & Seminars	-	-	-	1
9.	99002700	Human Values & Social Service/NCC/NSS	-	-	-	1
Total			18	0	12	26

MBA

OR

S. No	Course Name	Credits
1.	On the Job Training* (3 Projects)	20
2.	Final Project	6
Total		26

* Out of 3 projects, two project, one each on elective subjects, as above & one project of on job training. These would be evaluated on the basis of regular project working, final project reports & viva-voce.

ELECTIVES

Course Code	Course Name
Open Electives	
11005700	Business Analytics (OE1)
11009900	Business Ethics & Corporate Governance (OE2)
Marketing	
11007001	Consumer Behaviour (SE1)
11010500	Product and Brand Management
11016300	Marketing of Services
11016400	Sales and Distribution Management (SE2)
11016800	Advertising and Integrated Marketing Communication
11010200	Digital Marketing (SE3)
Finance	
11006300	Insurance and Risk Management (SE2)
11006401	Security Analysis and Portfolio Management (SE1)
11006600	Project Finance
11010100	Working Capital Management
11010401	Mergers and Acquisitions
11017000	Corporate Taxation (SE3)
HR	
11016200	Recruitment & Selection
11005800	Training & Development
11016500	Industrial Relations and Labor Law
11006200	Organizational Change and Development
11006000	Strategic Human Resource Management (SE2)
11016900	Performance appraisal & Compensation management (SE3)
11017800	Talent Acquisition, Training and Development (SE1)



OE: Open Elective
SE: Specialization Elective

CAREER PATHWAY ELECTIVE

Course Code	Course Name
11018300	Social Interactions & LSWR Skills
11018500	Skill Enhancement & Digital Footprints
99002900	Center for Leadership Development -I
99002600	Centre for Leadership Development - II

EVALUATION SCHEME

The evaluation of the MBA program would be based on Internal and External Assessments. Internal Assessment would consist of 50% of the marks (50 marks) and external assessment (in form of End Term Exam) would consist of remaining 50% marks (50 marks). Detailed scheme of Internal and External Assessments as follows:

Internal Assessment

The distribution of Internal Assessment Marks is as follows:

Type	Details	Marks
Mid Term	One Mid-term Sessional (to be held along with the 2 nd Sessional Exams)	15
Marks obtained in various Tests, Assignments, Presentations, Quiz, Tutorials, etc,	Average of marks obtained	30
Attendance	80%+: 5 marks	5
TOTAL	50	

External Assessment

Type	Marks
Theory	50



BBA

OVERVIEW

RNB Global University follows Semester System along with Choice Based Credit System as per latest guidelines of University Grants Commission (UGC). Accordingly, each academic year is divided into two semesters, **Odd(July-December)** and **Even (January-June)**. Also, the university follows a system of continuous evaluation along with regular updating in course curricula and teaching pedagogy.

The curriculum for BBA program for (July-December) Odd Semester, 2022 along with examination pattern is as follows:

Course Scheme

BBA

Semester -V

S. No	Course Code	Course Name	L	T	P	Credits
1.	11017500	Summer Internship and Report	0	0	12	6
2.	11012400	Family Business Management	3	1	0	4
3.	11012500	International Business Management	3	1	0	4
4.	-	Open Elective I	3	1	0	4
5.	-	Specialization Elective I	3	1	0	4
6.	-	Specialization Elective II	3	1	0	4
7.	11003900	Ability & Skill Enhancement - V	2	0	0	2
8.	99002700	Human Values & Social Service/NCC/NSS	-	-	-	1
9.	99002800	Workshops & Seminars	-	-	-	1
Total			17	5	12	30



OPEN ELECTIVE

Course Code	Course Name
11019400	Goods & Service Tax (GST)

SPECIALISATION ELECTIVES

Specialization	Course Code	Course Name
Marketing	11012600	Consumer Behavior
	11012900	Advertising Management
Finance	11013000	Security Analysis & Portfolio Management
	11014200	Management of Financial Institutions & Services
Human Resource Management	11017900	Recruitment, Training & Development
	11013400	Performance and Compensation Management
Foreign Trade	11019900	Foreign Trade & Indian Economy
	11020100	Export Import Procedure & Documentation
Digital Marketing	11020000	Digital Marketing & Content Development
	11020200	Search Engine Marketing & Optimization

EVALUATION SCHEME

The evaluation of the BBA program would be based on Internal and External Assessments. Internal Assessment would consist of 50% of the marks (50 marks) and external assessment (in form of End Term Exam) would consist of remaining 50% marks (50 marks). Detailed scheme of Internal and External Assessments as follows:

Internal Assessment

The distribution of Internal Assessment Marks is as follows:



OVERVIEW

RNB Global University follows Semester System along with Choice Based Credit System as per latest guidelines of University Grants Commission (UGC). Accordingly, each academic year is divided into two semesters, **Odd(July-December)** and **Even (January-June)**. Also, the university follows a system of continuous evaluation along with regular updating in course curricula and teaching pedagogy.

The curriculum for BBA program for (January-June) Even Semester, 2023 along with examination pattern is as follows:

Course Scheme**Semester -VI**

S. No	Course Code	Course Name	L	T	P	Credits
1.	11013500	E- Business	3	1	0	4
2.	11013600	Business Policy and Strategic Management	3	1	0	4
3.	-	Open Elective II	3	1	0	4
4.	-	Specialization Elective III	3	1	0	4
5.	-	Specialization Elective IV	3	1	0	4
6.	11013700	Mini Project	0	0	4	2
7.	11004000	Ability & Skill Enhancement -VI	2	0	0	2
8.	99002800	Workshops & Seminars	-	-	-	1
9.	99002700	Human Values & Social Service/NCC/NSS	-	-	-	1
Total			17	5	4	26

OPEN ELECTIVE

Course Code	Course Name
11014400	Rural Marketing (OE2)



SPECIALISATION ELECTIVES

Specialization	Course Code	Course Name
Marketing	11014100	Sales and Distribution Management
	11013800	Services Marketing
Finance	11013900	Corporate Accounting
	11014500	Insurance and Risk Management
Human Resource Management	11014000	Industrial Relations and Labour Law
	11014600	Team Building and Leadership
Foreign Trade	11020300	International Relations
	11020400	International Economics and Foreign Exchange Management
Digital Marketing	11020500	Advanced Google Adwords and Online Display Advertising
	11020600	Data Analysis & Visualization

EVALUATION SCHEME

The evaluation of the BBA program would be based on Internal and External Assessments. Internal Assessment would consist of 50% of the marks (50 marks) and external assessment (in form of End Term Exam) would consist of remaining 50% marks (50 marks). Detailed scheme of Internal and External Assessments as follows:

Internal Assessment

The distribution of Internal Assessment Marks is as follows:

Type	Details	Marks
Mid Term	Two Mid-term Sessional of 15 marks each (15+15)	30
Marks obtained in various Tests, Assignments, Presentations, Quiz, Tutorials, etc.	Average of marks obtained	15
Attendance	75%+ : 5 marks	5
TOTAL	50	



B. Com. (Hons)

Semester -V

S. No	Course Code	Course Name	L	T	P	Credits
1.	11015000	Principles of Marketing	5	1	0	6
2.	11004600	Income Tax Law and Practice	4	1	2	6
3.	-	DSE 1 (Group A)	5	1	0	6
4.	-	DSE 2 (Group A)	5	1	0	6
5.	11003900	Ability & Skill Enhancement- V	2	0	0	2
6.	11017400	Summer Internship and Report	0	0	8	4
7.	99002800	Workshops & Seminars	-	-	-	1
8.	99002700	Human Values & Social Service/NCC/NSS	-	-	-	1
Total			21	4	10	32

Semester -VI

S. No	Course Code	Course Name	L	T	P	Credits
1.	11015400	Auditing & Corporate Governance	5	1	0	6
2.	11015500	Indirect Tax Law	5	1	0	6
3.	-	DSE 1 (Group B)	5	1	0	6
4.	-	DSE 2 (Group B)	5	1	0	6
5.	11004000	Ability & Skill Enhancement - VI	2	0	0	2
6.	99002800	Workshops & Seminars	-	-	-	1
7.	99002700	Human Values & Social Service/NCC/NSS	-	-	-	1
Total			22	4	0	28



B.Com (Hons.)

Discipline Specific Electives

Course Code	Course Name
Group A	
11015100	Management Accounting (DSE 1)
11009700	Corporate Tax Planning
11017600	Advertising (DSE 1)
11009900	Banking and Insurance
11010000	Computerized Accounting System
11010100	Financial Markets, Institutions and Financial Services
Group B	
11017700	Business Research Methods and Project Work (DSE 2)
11015600	Fundamentals of Investment (DSE 2)
11010600	Consumer Affairs and Customer Care
11010700	Business Tax Procedures and Management
11010800	International Business
11010900	Industrial Relations and Labour Laws

EVALUATION SCHEME

The evaluation of the B.Com (Hons.) Program would be based on Internal and External Assessments. Internal Assessment would consist of 50% of the marks (50 marks) and external assessment (in form of End Term Exam) would consist of remaining 50% marks (50 marks). Detailed scheme of Internal and External Assessments as follows:

Internal Assessment- For Semester I

Type	Details	Marks
Mid Term	One Mid Term Sessional	25
Marks obtained in various Tests, Assignments, Presentations, Quiz, Tutorials, etc.	Average of marks obtained	20
Attendance	75%+ : 5 marks	5
TOTAL	50	

The distribution of Internal Assessment Marks is as follows:



12.	20013300	Production Technology for Vegetables and Spices Lab	0	0	2	1
13.	20013400	Fundamentals of Crop Physiology	2	0	0	2
14.	20013500	Fundamentals of Crop Physiology Lab	0	0	2	1
15.	20013600	Fundamentals of Plant Pathology	3	0	0	3
16.	20013700	Fundamentals of Plant Pathology Lab	0	0	2	1
17.	20013800	Livestock and Poultry Management	3	0	0	3
18.	20013900	Livestock and Poultry Management Lab	0	0	2	1
19.	20014000	Agriculture Heritage & Human Values & Ethics	0	0	0	2
20.	20014100	Ability and Skill Enhancement -III	2	0	0	2
21.	99002800	Workshops & Seminars	-	-	-	1
22.	99002700	Human Values & Social Service/NCC/NSS	-	-	-	1
Total			18	0	18	31

Semester - IV

S.No	Course Code	Course Name	L	T	P	Credits
1.	20014200	Crop Production Technology -II (Rabi Crops)	1	0	0	1
2.	20014300	Crop Production Technology -II (Rabi Crops) Lab	0	0	2	1
3.	20014400	Production Technology for Ornamental Crops, MAP and Landscaping	1	0	0	1
4.	20014500	Production Technology for Ornamental Crops, MAP and Landscaping Lab	0	0	2	1
5.	20014600	Renewable Energy and Green Technology	1	0	0	1
6.	20014700	Renewable Energy and Green Technology Lab	0	0	2	1
7.	20014800	Problematic Soils and their Management	2	0	0	2
8.	20014900	Production Technology for Fruit and Plantation Crops	2	0	0	1
9.	20015000	Production Technology for Fruit and Plantation Crops Lab	0	0	2	1
10.	20015100	Principles of Seed Technology	1	0	0	1
11.	20015200	Principles of Seed Technology lab	0	0	4	2
12.	20015300	Plant Biotechnology	2	0	0	2
13.	20015400	Plant Biotechnology Lab	0	0	2	1
14.	20015500	Agricultural Marketing Trade & Prices	2	0	0	2
15.	20015600	Agricultural Marketing Trade & Prices Lab	0	0	2	1



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16.	20026000	Fundamentals of Agriculture Extension Education	2	0	0	2
17.	20026100	Fundamentals of Agriculture Extension Education Lab	0	0	2	1
18.	-	Elective-I	2	0	0	2
19.	-	Elective Lab-I	0	0	2	1
20.	20015900	Ability and Skill Enhancement IV	2	0	0	2
21.	99002800	Workshops & Seminars	-	-	-	1
22.	99002700	Human Values & Social Service/NCC/NSS	-	-	-	1
Total			19	0	18	29

Electives

Elective	Course Code	Course Name
Elective I	20016000	Agribusiness Management
	20016100	Agribusiness Management Lab
	20016200	Agrochemicals
	20016300	Agrochemicals Lab
	20016400	Commercial Plant Breeding
	20016500	Commercial Plant Breeding Lab
	20016600	Landscaping
	20016700	Landscaping Lab

Semester - V

S. No.	Course Code	Course Name	L	T	P	Credits
1.	20016800	Principles of Integrated Pest and Disease Management	2	0	0	2
2.	20016900	Principles of Integrated Pest and Disease Management Lab	0	0	2	1
3.	20017000	Manures, Fertilizers and Soil Fertility Management	2	0	0	2
4.	20017100	Manures, Fertilizers and Soil Fertility Management lab	0	0	2	1
5.	20017200	Pests of Crops and Stored Grain and their Management	2	0	0	2
6.	20017300	Pests of Crops and Stored Grain and their Management Lab	0	0	2	1
7.	20017400	Diseases of Field and Horticultural Crops and their Management -I	2	0	0	2
8.	20017500	Diseases of Field and Horticultural Crops and their Management -I Lab	0	0	2	1
9.	20017600	Crop Improvement-I (Kharif Crops)	1	0	0	1
10.	20017700	Crop Improvement-I Lab (Kharif Crops)	0	0	2	1
11.	20017800	Food Safety & standards	2	0	0	2



12.	20017900	Food Safety & standards Lab	0	0	2	1
13.	20018200	Practical Crop Production - I (Kharif crops)	0	0	4	2
14.	20018300	Intellectual Property Rights	1	0	0	1
15.	-	Elective -II	2	0	0	2
16.	-	Elective - II Lab	0	0	2	1
17.	20018400	Ability and Skill Enhancement -V	2	0	0	2
18.	20018500	Summer Internship and Report	0	0	8	4
19.	99002800	Workshops & Seminars	-	-	-	1
20.	99002700	Human Values & Social Service/NCC/NSS	-	-	-	1
Total			16	0	26	31

Electives

Elective	Course Code	Course Name
Elective II	20018600	Geoinformatics and Nano-technology and Precision Farming
	20018700	Geoinformatics and Nano-technology and Precision Farming Lab
	20018800	Farming System & Sustainable Agriculture
	20018900	Weed Management
	20019000	Weed Management Lab
	20019100	Micro propagation Technologies
	20019200	Micro propagation Technologies Lab
	20018000	Bio pesticides & Bio fertilizers
	20018100	Bio pesticides & Bio fertilizers

Semester- VI

S. No.	Course Code	Course Name	L	T	P	Credits
1.	20019300	Rainfed Agriculture & Watershed Management	1	0	0	1
2.	20019400	Rainfed Agriculture & Watershed Management lab	0	0	2	1
3.	20019500	Protected Cultivation and Secondary Agriculture	1	0	0	1
4.	20019600	Protected Cultivation and Secondary Agriculture lab	0	0	2	1
5.	20026900	Diseases of Field and Horticultural Crops and their Management-II	2	0	0	2
6.	20027000	Diseases of Field and Horticultural Crops and their Management-II Lab	0	0	2	1

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7.	20019900	Post-harvest Management and Value Addition of Fruits and Vegetables	1	0	0	1
8.	20020000	Post-harvest Management and Value Addition of Fruits and Vegetables lab	0	0	2	1
9.	20020100	Management of Beneficial Insects	1	0	0	1
10.	20020200	Management of Beneficial Insects lab	0	0	2	1
11.	20020300	Crop Improvement-II (Rabi crops)	1	0	0	1
12.	20020400	Crop Improvement-II (Rabi crops) Lab	0	0	2	1
13.	20020500	Practical Crop Production -II (Rabi crops)	0	0	4	2
14.	20020600	Principles of Organic Farming	1	0	0	1
15.	20020700	Principles of Organic Farming lab	0	0	2	1
16.	20020800	Farm Management, Production & Resource Economics	1	0	0	1
17.	20020900	Farm Management, Production & Resource Economics Lab	0	0	2	1
18.	20021000	Principles of Food Science and Nutrition	2	0	0	2
19.	-	Elective III	2	0	0	2
20.	-	Elective III Lab	0	0	2	1
21.	20021100	Ability and Skill Enhancement VI	2	0	0	2
22.	99002800	Workshops & Seminars	-	-	-	1
23.	99002700	Human Values & Social Service/NCC/NSS	-	-	-	1
Total			15	0	22	28

Elective	Course Code	Course Name
Elective III	20021200	Hi-tech. Horticulture
	20021300	Hi-tech. Horticulture Lab
	20021400	Protected Cultivation
	20021500	Protected Cultivation Lab
	20021600	System Simulation and Agro-advisory
	20021700	System Simulation and Agro-advisory Lab
	20021800	Agricultural Journalism
	20021900	Agricultural Journalism Lab



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List of Electives

Electives	Course Code	Course Name
Elective I	16011000	Media & Law
	16011100	Insurance Law
	16000100	Legal Methods
	16011200	Law, Poverty And development
Elective II	16011300	International Trade in Service of Emigration Law
	16011400	Law Relating to Patent Drafting and Specification Writing *
	16006400	Criminology
	16011500	Telecommunication Law
Elective III	16011600	Right to Information Act, 2005 *
	16009000	Human Right Law
	16011700	Women and Criminal Law
	16011800	Socio-Legal Dimensions of Gender
Elective IV	16009200	Rent Control & Real Estate Laws
	16012200	IPR (Trademark and Copyright) *
	16012000	Gender Justice and Feminist Jurisprudence
	16012100	Comparative Laws
Elective V	16011900	Health Care Laws
	16012700	Indirect Taxes (GST)
	16009300	Interpretation of Statutes
	16012400	Election Law
Elective VI	16012500	Competition Law
	16009700	Art of writing Judgement *
	16012600	International Humanitarian Law
	16013800	Insurance and Banking Laws
Elective VII	16012800	Equity and Trust *
	16013900	Gender Justice
	16012900	International Refugee Law
	16013000	International Economic Law
Elective VIII	16013100	International Commercial Law
	16009900	Reformative Treatment of Persons in Conflict with Law (Juvenile Justice) *
	16013200	Socio Economic Offences
	16013300	Forensic Sciences



Semester -V

S. No.	Course Code	Course Name	L	T	P	Credits
1.	13012200	Summer Internship or Summer Project	0	0	8	4
2.	-	Discipline Specific Core Course-I Elective I	4	0	0	4
3.	-	Discipline Specific Core Course-I Elective I Lab	0	0	4	2
4.	-	Discipline Specific Core Course-II Elective I	4	0	0	4
5.	-	Discipline Specific Core Course-II Elective I Lab	0	0	4	2
6.	-	Discipline Specific Core Course-III Elective I	4	0	0	4
7.	-	Discipline Specific Core Course-III Elective I Lab	0	0	4	2
8.	13012100	Biological Databases and their Management	2	0	0	2
9.	13003100	Ability & Skill Enhancement - V	2	0	0	2
10.	13010000	Application of IT Skills in Sciences	1	0	0	1
11.	13010100	Application of IT Skills in Sciences Lab	0	0	2	1
12.	99002800	Workshops & Seminars	-	-	-	1
13.	99002700	Human Values & Social Service/NCC/NSS	-	-	-	1
Total			17	0	22	30

Semester -VI

S. No.	Course Code	Course Name	L	T	P	Credits
1.	-	Discipline Specific Core Course-I Elective II	4	0	0	4
2.	-	Discipline Specific Core Course-I Elective II Lab	0	0	4	2
3.	-	Discipline Specific Core Course-II Elective II	4	0	0	4
4.	-	Discipline Specific Core Course-II Elective II Lab	0	0	4	2
5.	-	Discipline Specific Core Course-III Elective II	4	0	0	4
6.	-	Discipline Specific Core Course-III Elective II Lab	0	0	4	2
7.	13003200	Ability & Skill Enhancement - VI	2	0	0	2
8.	13015600	Intellectual Property Rights	2	0	0	2
9.	99002800	Workshops & Seminars	-	-	-	1
10.	99002700	Human Values & Social Service/NCC/NSS	-	-	-	1
Total			16	0	12	24

Note: The dissertation is optional, which can be taken in place of any one discipline elective/subject of 6 credits in the 6th Semester.



B.Sc. Biotechnology

Discipline Specific Electives

Subject	Course Code	Course Name
Chemistry	13007000	Chemistry of Main Group Elements, Theories of Acids and Bases (DSE I)
	13007100	Chemistry of Main Group Elements, Theories of Acids and Bases Lab (DSE I)
	13016300	Polymer Chemistry
	13016400	Polymer Chemistry Lab
	13009700	Organometallics, Bioinorganic chemistry, Polynuclear, hydrocarbons and UV, IR Spectroscopy (DSE II)
	13009800	Organometallics, Bioinorganic chemistry, Polynuclear, hydrocarbons and UV, IR Spectroscopy Lab (DSE II)
	13016500	Green Chemistry
	13016600	Green Chemistry Lab
Botany	13011500	Immunology (DSE I)
	13011600	Immunology Lab (DSE I)
	13011300	Cell and Molecular Biology
	13014000	Cell and Molecular Biology Lab
	13017700	Research Methodology
	13017800	Research Methodology Lab
	13014800	Economic Botany and Biotechnology (DSE II)
	13014900	Economic Botany and Biotechnology Lab (DSE II)
	13017500	Analytical Techniques in Plant Sciences
	13017600	Analytical Techniques in Plant Sciences Lab
Biotechnology	13011900	Bioinformatics (DSE I)
	13012000	Bioinformatics Lab (DSE I)
	13017900	Plant Biotechnology
	13018000	Plant Biotechnology Lab
	13015400	Genomics and Proteomics (DSE II)
	13015500	Genomics and Proteomics Lab (DSE II)
	13018100	Environmental Biotechnology
	13018200	Environmental Biotechnology Lab



Semester -V

S. No.	Course Code	Course Name	L	T	P	Credits
1.	13012200	Summer Internship or Summer Project	0	0	8	4
2.	-	Discipline Specific Core Course-I Elective I	4	0	0	4
3.	-	Discipline Specific Core Course-I Elective I Lab	0	0	4	2
4.	-	Discipline Specific Core Course-II Elective I	4	0	0	4
5.	-	Discipline Specific Core Course-II Elective I Lab	0	0	4	2
6.	-	Discipline Specific Core Course-III Elective I	6	0	0	6
7.	13003100	Ability & Skill Enhancement Module - V	2	0	0	2
8.	99002800	Workshops & Seminars	-	-	-	1
9.	99002700	Human Values & Social Service/NCC/NSS	-	-	-	1
Total			16	0	16	26

Semester -VI

S. No	Course Code	Course Name	L	T	P	Credits
1.	-	Discipline Specific Core Course-I Elective II	4	0	0	4
2.	-	Discipline Specific Core Course-I Elective II Lab	0	0	4	2
3.	-	Discipline Specific Core Course-II Elective II	4	0	0	4
4.	-	Discipline Specific Core Course-II Elective II Lab	0	0	4	2
5.	-	Discipline Specific Core Course-III Elective II	6	0	0	6
6.	13015600	Intellectual Property Rights	2	0	0	2
7.	13003200	Ability & Skill Enhancement - VI	2	0	0	2
8.	99002800	Workshops & Seminars	-	-	-	1
9.	99002700	Human Values & Social Service/NCC/NSS	-	-	-	1
Total			18	0	8	24

- Lab should be same as per the theory Elective paper opted by the student

Discipline Specific Electives

Subject	Course Code	Course Name
Physics	13006800	Elements of Modern Physics (DSE I)
	13006900	Elements of Modern Physics Lab (DSE I)
	13015900	Nuclear and Particle Physics
	13016000	Nuclear and Particle Physics Lab
	13009500	Solid State Physics (DSE II)
	13009600	Solid State Physics Lab (DSE II)
	13016100	Medical Physics
	13016200	Medical Physics Lab
Chemistry	13007000	Chemistry of Main Group Elements, Theories of Acids and Bases (DSE I)
	13007100	Chemistry of Main Group Elements, Theories of Acids and Bases Lab (DSE I)
	13016300	Polymer Chemistry
	13016400	Polymer Chemistry Lab
	13009700	Organometallics, Bioinorganic chemistry, Polynuclear, hydrocarbons and UV, IR Spectroscopy (DSE II)
	13009800	Organometallics, Bioinorganic chemistry, Polynuclear, hydrocarbons and UV, IR Spectroscopy Lab (DSE II)
	13016500	Green Chemistry
	13016600	Green Chemistry Lab
Mathematics	13009900	Complex Analysis (DSE I)
	13007200	Matrices (DSE II)
	13016700	Linear Algebra
	13016800	Linear Programming

- Lab would be same as per theory elective paper opted by the student.

EVALUATION SCHEME-THEORY

The evaluation of the theory paper of B.Sc. program would be based on Internal and External Assessments. Internal Assessment would consist of 50% of the marks (50 marks) and external assessment (in form of End Term Exam) would consist of remaining 50% marks (50 marks). Detailed scheme of Internal and External Assessments as follows:



12.	99002700	Human Values & Social Service/NCC/NSS	-	-	-	1
Total			19	0	6	27

Semester - VII

S. No.	Course Code	Course Title	L	T	P	Credits
1.		Capstone Project	0	0	10	5
2.		Compiler Construction	3	0	0	3
3.		Artificial Intelligence	2	0	0	2
4.		Artificial Intelligence Lab	0	0	4	2
5.		Elective-V	2	0	0	2
6.		Elective-V Lab	0	0	4	2
7.		Elective-VI	2	0	0	2
8.		Elective-VI Lab	0	0	4	2
9.		Design Project	2	0	0	2
10.		Ability & Skill Enhancement - VII	2	0	0	2
11.	99002800	Workshops & Seminars	-	-	-	1
12.	99002700	Human Values & Social Service/NCC/NSS	-	-	-	1
Total			13	0	22	26

Semester - VIII

S. No.	Course Code	Course Title	L	T	P	Credits
1.		Project Semester *(To be carried out in Industry / Research Institutions)	0	0	32	16
2.		Project Report Viva-Voce & Presentation	0	0	8	4
3.		Ability & Skill Enhancement - VIII	2	0	0	2
4.	99002800	Workshops & Seminars	-	-	-	1
5.	99002700	Human Values & Social Service/NCC/NSS	-	-	-	1
Total			2	0	40	24

ELECTIVE-I

S. No.	Course Code	Course Name	Credits
1		Advanced Java	4
2		Total Quality Management	4
3		LAMP Technologies	4
4		Embedded Systems	4
5		Mobile Application Programming	4

- Electives would be subject to number of students opting for a particular elective
- Lab would be same as per theory elective paper opted by the student

ELECTIVE-II

S. No.	Course Code	Course Name	Credits
1		Database Administration with Oracle	4
2		Database Administration with IBM DB2	4
3		Database Administration with MySQL	4
4		Database Administration with SQL Server	4
5		Data warehouse and Data Mining	4

ELECTIVE-III

S. No.	Course Code	Course Name	Credits
1		Network Programming	4
2		Advanced Data Structures	4
3		Advanced Database Management System	4
4		Linux Administration and Shell Programming	4
5		Wireless Networks	4
6		Cloud Computing	4

ELECTIVE-IV

S. No.	Course Code	Course Name	Credits
1		Software Reuse	4
2		Software Verification and Validation	4
3		Software Design and Construction	4
4		Software Quality Management	4
5		Aspect Oriented Programming	4

ELECTIVE-V

S. No.	Course Code	Course Name	Credits
1		Soft Computing	4
2		Mobile Computing	4
3		Parallel and Distributed Computing	4
4		Grid Computing	4
5		Ubiquitous and Pervasive Computing	4

ELECTIVE-VI

S. No.	Course Code	Course Name	Credits
1		Natural Language Processing	4
2		Network Security and Cryptography	4
3		Image Processing	4
4		Multimedia Technologies	4
5		System Programming	4
6		Heterogeneous Computing with OpenCL	4

**EVALUATION SCHEME- THEORY**

Semester- V

S. No	Course Code	Course Name	L	T	P	Credits
1.	13012400	Analysis and Design of Algorithm	3	1	0	4
2.	13012500	Analysis and Design of Algorithm Lab	0	0	2	1
3.	13012600	Data Warehousing and Data Mining	3	0	0	3
4.	13012700	Mobile Computing	3	1	0	4
5.	13012800	Web Security Services	3	1	0	4
6.	13012900	Elective-I PHP & My SQL	3	0	0	3
7.	13013000	Elective-I PHP & My SQL Lab	0	0	2	1
8.	13012300	Summer Internship or Summer Project	0	0	8	4
9.	13003100	Ability & Skill Enhancement - V	2	0	0	2
10.	99002800	Workshops & Seminars	-	-	-	1
11.	99002700	Human Values & Social Service/NCC/NSS	-	-	-	1
Total			17	3	12	28

Semester - VI

S. No.	Course Code	Course Name	L	T	P	Credits
1.	13013100	Software Testing and Quality Assurance	3	1	0	4
2.	13013200	Theory of Computation	3	1	0	4
3.	13013300	Elective-II Unix & Shell Programming	4	0	0	4
4.	13013400	Elective-II Unix & Shell Programming Lab	0	0	2	1
5.	13013500	Cloud Computing	3	0	0	3
6.	13013600	Major Project	0	0	16	8
7.	13003100	Ability & Skill Enhancement - VI	2	0	0	2
8.	99002800	Workshops & Seminars	-	-	-	1
9.	99002700	Human Values & Social Service/NCC/NSS	-	-	-	1
Total			15	2	18	28



List of Elective-I

S. No.	Course Code	Course Name
1.	13013700	Intelligent System
2.	13012900	PHP & My SQL
3.	13013800	Python
4.	13013900	ADT (Advance Development Technologies)
5.	13014000	Cyber Laws

List of Elective- II

S. No.	Course Code	Course Name
1.	13014100	Unix & Shell Programming
2.	13014200	Advanced Internet programming
3.	13014300	System Programming
4.	13014400	TCP/IP
5.	11018700	E-Commerce

EVALUATION SCHEME- THEORY

The evaluation of the theory paper of BCA would be based on Internal and External Assessments. Internal Assessment would consist of 50% of the marks (50 marks) and external assessment (in form of End Term Exam) would consist of remaining 50% marks (50 marks). Detailed scheme of Internal and External Assessments as follows:

Internal Assessment- Ist Semester

The distribution of Internal Assessment Marks is as follows:

Type	Details	Marks
Mid Term	One Mid-term Sessional	25
Marks obtained in various Tests, Assignments, Presentations, Quiz, Tutorials, etc.	Average of marks obtained	20
Attendance	75% + : 5 marks	5
TOTAL	50	

Ph.D.

OVERVIEW

RNB Global University follows the UGC Guidelines 2016, for Course Work for Ph.D.

The Ph.D. Course Work shall be of six months duration July to December and January to June in each academic year.

All research Scholars must complete the course work requirements within a period of 1 year maximum, in order to continue with their research.

The Program Scheme & Syllabus for Course Work Program along with examination pattern is as follows:

RNB Global University follows the UGC Guidelines 2016, for Course Work for Ph.D. The Ph.D. Course Work shall be of six months duration July to December and January to June in each academic year. All research Scholars must complete the course work requirements within a period of 1 year maximum, in order to continue with their research. The Program Scheme & Syllabus for Course Work Program along with examination pattern is as follows:

S. No	Subject Code	Course Name	L	T	P	Credits
1.	77000100	Research Methodology	2	0	2	3
2.	77000200	Research Problem, Interpretation & Report Writing	2	0	2	3
3.	77000600	Research and Publication Ethics	2	0	0	2
4.	-	Subject Specific-I**	2	0	4	4
4.	-	Subject Specific - II** (Only for Interdisciplinary Research work)	2	0	0	2
5.	77000300	One Published Article	-	-	-	2
6.	77000400	Two Seminars or One Workshop of Minimum three days	-	-	-	2
7.	77000500	One Online Certificate Course on Subject Specific of your Research from any national or international MOOC platform, 3 or 4 credits.				3 or 4
Total Credits			5	0	9	19/20
Total Credits (For Interdisciplinary Research work)			7	0	9	21/22

** : Subject Specific papers will be added as & when required in discussions with SRC & approval of Dean Research



Ph.D.

Subject Specifics shall be as follows:

Discipline	Subject Code	Subject Name
Management	11018400	Research Methodology in Marketing Management
Law	16006800	Legal Research Methodology
Science	13006400	Research Methodology in Sciences
English	12000600	Contemporary Literary and Critical Approaches
Commerce	11019500	Finance and Commerce
Science	13028400	Botany

EVALUATION SCHEME

The evaluation of the Course Work for Ph.D. Program would be based on Internal and External Assessments. Internal Assessment (in form of continuous assessments) would consist of 50% of the marks (50 marks) and external assessment (in form of End Term Exam) would consist of remaining 50% marks (50 marks).

The passing criteria in each subject will be 50% & the course work must be completed within 1 year with a minimum CGPA of 6.0

Grade points & Letter grade would be the same as followed in UG & PG courses run by RNBGU

The completion of Ph.D. course work shall be essential for synopsis submission.

Detailed scheme of Internal and External Assessments as follows:

Internal Assessment

Type	Details	Marks
Mid Term	One Mid-term Sessional (to be held along with the 2 nd Sessional exams)	15
Marks obtained in various Tests, Assignments, Presentations, Quiz, Tutorials, etc.	Average of marks obtained	30
Attendance	80%+ : 5 marks	5
TOTAL	50	

