Academic Council Meeting No. and Date: April 21, 2023

Agenda Number: 4 Resolution Number: 23,24 / 4.7 & 4.13



Vidya Prasarak Mandal's B. N. Bandodkar College of Science (Autonomous), Thane



Syllabus for

Programme: Bachelor of Science

Specific Programme: Human Science

[T.Y.B.Sc. (Human Science)]

Revised under Autonomy
From academic year 2023 - 2024

Preamble

□ Course Structure & Distribution of Credits: B. A / B. SC. in Human Science consists of 5 (Five) theory courses, 3 (Three) practical lab courses in each Semester. Each theory course will be of either of 2/4 (two/four) credits, a practical lab course will be of 2 (two) credits. A learner earns 20 (twenty) credits per semester and a total 120 (one hundred twenty) credits in six semesters.

Eligibility: B. Sc. in "Human Science" Program is open to candidates who have passed HSC. Examination in Arts or Science from Board of Maharashtra or its equivalent board.

Duration: 3 years

Mode of Conduct: Laboratory practical / Offline lectures.

Program specific Outcome

The B.Sc. Human Science is designed to give better opportunity chances in jobs, higher education. The three years course (six semesters) is an amalgamation of various disciplines of sciences namely psychology, sociology, anthropology, palaeontology, neuroscience, genetics, home science, law, IT and other allied spheres of knowledge. The course involves data collection, presentations. The learner can pursue masters in M.A Anthropology, Sociology, History, Psychology, M.Sc. in Biodiversity, Environmental sciences, Forensics science, Nutrition and dietetic, also can take admission in LLB, MBA, MMS. Even after graduation they can placed in Government offices, Municipal Corporations, private companies, Banks, HR, Museum curator, medical transcriptionist, hospital administration, or in schools college as teachers.

T. Y. B. Sc. (Human Sciences) Structure of Semester V

Course Code	Course Title	Lectures	Credit Points
BNBUSHS5T1	Industrial Psychology		
		45	2
BNBUSHS5T2	Constitutional Law , Family law, Human right		
DI (Deblice 12	(fundamental rights), Women & Children right,	45	2
	Legal agreements.	15	
BNBUSHS5T3	Entrepreneurship Management	45	4
BNBUSHS5T4	Nutritional Biochemistry	45	4
BNBUSHS5T5	Human developmental (fertilization onwards), surrogacy and ageing	45	2
BNBUSHS5P1	Based on BNBUSHS5T2 , BNBUSHS5T3 & BNBUSHS5T4		2
BNBUSHS5P2	Based on BNBUSHS5T1 & BNBUSHS5T5		2
BNBUSHS5P3	Project Work:		2
	Case Studies for Entrepreneurship: Success and failure		2
	Total		20

Structure of Semester VI

Course Code	Course Title	Lectures	Credit Points
BNBUSHS6T1	Clinical psychology, Mood and Anxiety Disorders, Psychotherapy(counseling) industrial psychology, Health psychology, ethics	45	2
BNBUSHS6T2	Environmental Science: Pollution, Environment impact assessment Disaster management,	45	2
BNBUSHS6T3	Forensic Science Forensic psychology and Forensic toxicology	45	4
BNBUSHS6T4	Home Science : Microbiology, Preservation, Adulteration, Food Service Management and Exercise Physiology.	45	4
BNBUSHS6T5	IT: m-commerce, Interactive Computer graphic, Multimedia system	45	2
BNBUSHS6P1	Based on BNBUSHS6T1 and BNBUSHS6T2		2
BNBUSHS6P2	Based on BNBUSHS6T3, and BNBUSHS6T4		2
BNBUSHS6P3	Project Work: Case Studies for Entrepreneurship: Success and failure		2
	Total		20

Semester V Syllabus

Course Cod	e Course Title and Contents	Lectures	Credit Points
BNBUSHS51	Industrial Psychology	45	2
• To und	erstand importance of industrial psychology, develop s	kills related to or	ganization
Unit I	 Introduction to I/O Psychology: What is I/O psychology Assessment of Jobs, Performance and People: Job Analysis Performance appraisal 		15
Unit II	Selecting and training employees: Planning needs, recruiting applicants, selecting en Getting APPLICANTS TO ACCEPT AND KEEP Needs assessment, Training design Delivery of training program Evaluation of training program		ED 15
Unit III	 Individual and organization: Theories of employee motivation Feelings about work- Job satisfaction, Effects of job satisfaction, organization commitme Emotions at work 	ent,	15

- Apply recruitment and managerial skills at workplace
- Manage the challenges at workplace effectively

Course Cod	le Course Title and Contents	Lectures	Credit Points	
BNBUSHS5T	Constitutional Law , Family law, Human right (fundamental rights) , Women & Children right , Legal agreements.	45	2	
• To und	lerstand constitution, fundamental rights and laws.			
	Indian Constitution -An Overview			
Unit I	 Fundamental Rights and Duties 		15	
	Directive Principle of State Policy			
	• UCC, RTI, PIL			
	• Family Law – (Hindu and Muslim) Marriage &	Divorce		
Unit II	Women empowerment			
	Offences against women and children and corre	ctive measures		
	• 138 of N.I. Act, 1881			
	• Will			
	Gift Deed			
Unit III	Agreement		15	
	• POA			

Course outcome - After studying this paper students will be able to -

• Apply fundamental rights and duties in daily life

• Deal with the power of attorney and legal agreements

Course Code	Course Title and Contents	Lectures	Credit Points
BNBUSHS5T3	Entrepreneurship Management	45	4
• To deve	lop managerial skills and understand legality invo	ved in business own	ership.
Unit I	 Concept of management Level of management General concept of entrepreneurship: Definition and Challenges Entrepreneurial Motivation 		15
	 Building business plan: Strategic management Form of ownership Franchising 		
Unit II	 Financial issues: Managing Cash Flows Financial Plan Marketing the company: Marketing Plan Creativity E-commerce and New internet Entreprene Staffing and Leading 	ırs	15
Unit III	 Legal forms of business ownership: Taxation Legal issues Entrepreneurs competencies: Decision making and problem solving Communication Creativity and business opportunity identified 	ication	15
	• Entrepreneurial success and failures		

Course outcome - After studying this paper students will be able to -

- Apply entrepreneurship management skills
- Manage customer relationships

• Perform tasks with professionalism

Course Cod	e	Course Title and Contents	Lectures	Credit Point	
BNBUSHS5T4	ļ	Nutritional Biochemistry	45		4
To under	erst	and the basic elements of food biochemistry.			
Unit I	Carbohydrates: Composition and Classification, Source, functions. and properties. Nutritional significance of dietary fibers.			15	
Unit II	Unit II Proteins: Composition, classification, sources, and functions. Nutritional			15	
	Eı	assification of amino acids. nzymes: Classification and factors affecting enzy zymes of clinical significance.	me activity and		
Unit III	Co	pids: omposition, sources, functions, deficiency and executions and non -essential, SFA, USFA, MUFA, acids.	•	e of	15

- Apply the importance and sources of biomolecules
- Differentiate between essential and non-essential micro-molecules
- Carry out clinical research using enzymes

Course Cod	Course Title and Contents	Lectures	Credit Points	
BNBUSHS5T5	Human developmental (fertilization onwards), surrogacy and ageing	45	2	
 □ To understand stages in human development and sexuality. □ To understand the ageing process and related problems. 				
Unit I	 Human development – Biological, psycholog Factors influencing biological and psycholog (Mother and Foetus) Post -Traumatic Stress Disorder- Social, Psy Treatment. Human dev. Stages (prebirth, birth, infancy, childhood, adolescence, early, middle and lateral control of the control of	cal development hological, Biological early, middle and late	, 15	
Unit II	 Evolution of human sexuality Surrogacy – meaning and legal aspects Birth control measures STD and Types of STD 		15	
Unit III	 Aging – Meaning, natural process, physiolog Causes of aging – Oxidative loss, concept of Problems- Eye, Ear, Memory, Strength, Arte degenerative disorders Aging and population- In context to Global, Countries 	telomere, ries, Stamina, Neuro-	g 15	

- Identify embryological stages (Physical and psychological)
- Deal with legal and ethical aspects of surrogacy
- Observe different factors accelerating aging

Semester V

Practicals

Identification for all practicals should be shown with available models, photographs, Google images, diagrams from books whichever is available

Course Code	Course Title and Contents	Lectures	Credit Points
BNBUSHS5P1	PRACTICAL-I BASED ON BNBUSHS5T2, BNBUSHS5T3	03 / Week	02
	&BNBUSHS5T4		

- 1. Separation of amino acid by paper chromatography
- 2. Estimation of lipid by phosphovanilline method from the given sample of serum
- 3. Effect of pH on amylase activity (kinetics).
- 4. Effect of temperature on amylase activity
- 5. Effect of substrate concentration on amylase activity.
- 6. Identification
 - a. Glucometer.
 - b. Malnutrition disorder- Marasmus, Kwashiorkar
 - c. Identify the source from the given sample. (Carbohydrate/ Protein/ lipids)
- 7. Case study

Following are the case studies of reaction of people when:-

- a. Terrorist attack on mall
- b. Dilapidated building falls (case) Joseph d'souza and others v/s state of Maharashtra.
- c. Road accident (case) PanditParmanandKatara v/s union government of India

(immediate treatment)

d.Bank robbery

e. Plane hijack

f.Railway accident (case) Bhagat Singh and Sohan Singh v/s Om Sharma and others (compensation in railway accident)

- 8. Case study
 - a. Presentations on

New Successful Startups

Established Entrepreneurs

b. Case Studies on

Successful Ventures

Failed ventures

c. Preparation of Blueprint on Workable Business Model

Course Code	Course Title and Contents	Lectures	Credit Points
BNBUSHS5P2	PRACTICAL-II BASED ON BNBUSHS5T1 &BNBUSHS5T5	03 / Week	02

- 1. Solve case studies on the effect of post-traumatic stress disorder on an individual.
- 2. Beck Anxiety Inventory.(BAI)
- 3. Beck Depression Inventory. (BDI)
- 4. Case studies
 - a. Related to violation of fundamental rights-
 - b. IC Golaknath v/s state of Punjab
 - c. Keshwananand Bharti v/s state of Kerala (related to prisoners rights)
 - d. M.C Mehta v/s union of India (Bhopal gas tragedy)
 - e. Minrva mill v/s union of India

Related to consumer protection act 1986-

- f. MurliDeora v/s union of India (ban on smoking at public places)
- g. Shriram fertilizer v/s union of India (Bhopal gas tragedy)
- 5. Identification on Human development embryo (Photographs)
- 6. Different types of birth control (Photographs)
- 7. Different types of Sexually transmitted Diseases (Photographs)

Duration- 4 hrs. Total marks- 100

PRACTICAL EXAMINATION T. Y. B. Sc. Semester- V Code BNBUSHS5P1

Q. I	Major Experiment	30 Marks
	Separation of amino acid by paper chromatography	
	OR	
	Estimation of lipid by phosphovanilline method from the given sample of serum	
	OR	
	Effect of pH/temp/concentration on amylase activity	
Q. II	Minor Experiment	20 Marks
	Case studies from entrepreneur management.	
Q. III	Identify and describe two from each group	30 Marks
	Identification of glucometer.	
	Identify the malnutrition disorder	
	• Identify the source from the given sample. (Carbohydrate/ Protein/	
	lipids)	
Q. IV	Viva Voce	10 Marks
Q. V	Journal	10 Marks

Duration- 4 hrs. Total marks- 100

PRACTICAL EXAMINATION T. Y. B. Sc. Semester- V Code BNBUSHS5P2

Q. I	Major Experiment	30 Marks	
	Report on Anxiety (BAI)		
	OR		
	Report on Depression (BDI)		
Q. II	Minor Experiment	20 Marks	
	Case studies on Post traumatic stress disorder		
Q. III	Identify and describe two from each group	30 Marks	
	Stages Of Human Development.		
	 Measures of birth control (photos) 		
	• STDs (photos)		
Q. IV	Viva Voce	10 Marks	
Q. V	Journal	10 Marks	

PRACTICAL EXAMINATION T. Y. B. Sc. Semester- V

Code BNBUSHS5P3

Evalu	Evaluation to be done during practical examination.		
Q. 1	Two case studies to be performed during examination based on law & management	30	
Q. 2	Report submission, Presentation and Viva based on Entrepreneurship management	50	
Q. 3	Report of Excursion/ Field report/ Institutional visit	20	

Semester VI Syllabus

Course Code	Course Title and Contents	Lectures	Credit Points			
BNBUSHS6T1	Clinical psychology, Criminal psychology, Mood and Anxiety Disorders, Psychotherapy (counseling, yoga, spirituality, meditation, Hypnotisium) industrial psychology, Health psychology, ethics	45	2			
 To underst 	To understand clinical aspects of psychopathology, psychotherapy and health issues.					

	Clinical Psychology	
Unit I	 Defining Abnormality and historical perspectives of abnormality. Panic Disorder and treatments Phobias-Types, Treatment. Obsessive Compulsive Disorder- Symptoms, Treatment. Mood Disorders- Unipolar and Bipolar Disorder, Treatment. 	15
Unit II	 Fundamental precepts of effective counselling Stages and outcome goals of counselling Counsellor Actions that hamper communication with clients. Ethical principles of professional counseling (Termination) and violation Overview of major therapies in counselling- CBT, PCT, Gestalt, BT. 	15
Unit III	 Definition and Importance of Health Psychology Characteristics of health compromising behavior. (Alcoholism, Drinking and smoking problem) Placebo as healer Pain and it's Management: Clinical issues in pain management Pain and Personality Pain control techniques- (Pharmacological, Surgical, sensory, biofeedback) Alternative Techniques in pain management: Relaxation, Hypnosis, Acupuncture, Yoga, Distraction and guided imagery. 	15

- Diagnose & plan treatment for disorders
- Understand & apply different perspectives in psychotherapy
- Share insight about psychological factors affecting health

Credit Points

Lectures

BNBUSHS6T2	_	Environmental Science: Pollution, Environment impact assessment Disaster management	45	2
• To und	lersta	nd different facets of the environment and their	management.	
Unit I	 Water Pollution: Sources, effects and control measures Soil Pollution: Sources, effects and control measures Noise Pollution: Sources, effects and control measures 			
Unit II	 Waste management Environment Impact Assessment: Concept & process of EIA: Need of EIA; Scope and objectives; Unit II Types of environmental impacts; Steps involved in conducting the EIA Studies Concept of Carbon footprints& Carbon credits. Concept of Life Cycle Assessment and Environmental Quality Monitoring: ISO-14000 			
Unit III	Dis	 Natural Hazards (Eg. Tsunami, Floods, Earth droughts, etc.): Causes, Impacts and mitigati Industrial hazards (fire, explosion, toxic rele Causes, Impacts and mitigation Industrial Hygiene and Safety 	on	15

Course Title and Contents

Course outcome - After studying this paper students will be able to -

- Identify different environmental issues
- Share insight of EIA

Course Code

• Identify causes, effects & management of disasters

Course Code BNBUSHS6T3		Course Title and Contents	Lectures	Credi	t Points
		Forensic psychology, Forensic Science and Forensic Toxicology	45		2
To stud	dy fo	orensic science and psychology of crime scenario			
Unit I		 Forensic psychology: definition and Function Brain Damage Theories and Types of crime-offences, juvenile Theories of crime-social, behavioural and properties of psychological investigative techniques Narcoanalysis, 	organised crime, s	sexual	15
Unit II	Es	 Basic Principles & Significance rime Scene Evidences Blood, Semen & other Biological fluids Viscera Bite Marks Hair – Animal & Human, Fibres& Fabrics Pollen grains. Diatoms Crime scene management. stablishment of identity of Individuals DNA Fingerprints nthropology – Skeletal Remains Role of Police officers Role of Forensic scientists ole of medico-legal doctors. 			15
Unit III		 Drug of Abuse and narcotic drugs Petroleum products Toxicological examination of poisons and all Toxicological examination of viscera 			15

- Handle the crime scene and handle evidence.
- Identify the ill effects of drug abuse.
- Use forensic psychology and criminology as a part of investigation.

Course C	ode	Course Title and Contents	Lectures	Lectures Credit Point			
BNBUSHS	6T4	Home Science : Microbiology, Preservation, Adulteration, Food Service Management and Exercise Physiology.	45	4			
• To understand the intricacies of Food Science and it's management							
• To u	ınders	tand the Physiology of Exercise.					
	Mici	robiology of food:					
Unit I	Tombing radiations and informations.						
Unit II	Monu Morkoting						
	i. An ii. Fa en Musc i. Tyj effect iii. Eff iii. M Card i. Phy ii. Effi cardic iii. Ro Suital Weig	RCISE PHYSIOLOGY: composition and sports performance overview of human body composition actors influencing body composition-age, sex, etc. highasis on exercise. Cle physiology and skeletal fitness pes of muscle exercise- endurance, resistance and to on the composition and strength of muscle. Sect of training on muscle suscle and bone injury during exercise. Siovascular & pulmonary response to exercise resiology of cardiovascular system fect of aerobic and anaerobic exercise training on ovascular fitness. Sole of exercise in the diseases of CV & pulmonary ble exercise programme for special conditions; the ht reduction and Weight Management. - After studying this paper students will be	I flexibility; and the pulmonary and y system erapeutic condition		15		
• Appl	y the	preservation techniques in food industry nenu designing skills					

Course Code	e Course Title and Contents	Lectures	Credit Points			
BNBUSHS6T5	Information Technology: M-commerce, Interactive Computer Graphic, Multimedia System	45	4			
To under	 To understand the advanced know-how in Information Technology. 					
Unit I	 Computer Graphics- Introduction to Image and Objects, Bitmap and Vector-Based Graphics, Applications of Computer Graphics, Display Devices, Cathode Ray Tubes, Raster Scan Display, Random-Scan Display, Flat Panel Display, Input Technology, Coordinate System Overview, Introduction to 2D and 3D Graphics, Key-Frame Animation, Construction of an Animation Sequence, Motion Control Methods, Procedural Animation, Key-Frame Animation vs. Procedural Animation, Introduction to Morphing, Three-Dimensional Morphing 					
Unit II	 Unit II Multimedia: Introduction, scope of multimedia. Applications of multimedia, Hardware and software requirements, multimedia database, Analog representation, waves, digital representation, need for digital representation, A to D conversion, D to A conversion, relation between sampling rate and bit depth, Quantization error 					
	Types of text, Font, insertion, compression, File images, colour models, Basic steps for image prand working of scanner and digital camera	* -				
Unit III	 M-Commerce: Introduction – Infrastructure Of M– Commerce Commerce Services. Technologies Of Wireless Business – Benefits A Support, Mobile Marketing & Advertisement, N Applications In M– Commerce – Wireless/Wire Comparisons 	And Limitations, Non– Internet	15			

- Incorporate application of M- commerce in day to day life
- Make 2D & 3D Graphics & animation
- Calculate national income
- Analyse demand, quantity and price

Semester VI : Practicals

Course Code	Course Title and Contents	Lectures	Credit Points
BNBUSHS6P1	Practical – I Based on BNBUSHS6T1 & BNBUSHS6T2	03 / Week	02

- 1. Estimate Dissolved Oxygen in the given sample of water
- 2. Estimate amount of Free CO2 in the given sample of water
- 3. Estimate amount of Hardness in the given sample of water
- 4. Estimate amount of silicates in the given sample of water
- 5. Estimate BOD of given sample of water
- 6. Demonstration of flame Photometer: Potassium or Sodium
- 7. Study of Various Air Pollution Control Devices: Catalytic converter, Gravity settling chamber, Electrostatic precipitators and Fabric filters.
- 8. Study of safety symbols
- 9. Study of Personal Protective Equipment and Non Respiratory Personal Protective Equipments.
- 10. Identification of type of panic disorder and mood disorder and treatment plan
- 11. Case studies regarding abnormality.
- 12. Application of major theories of counseling in a counseling set up.

Course Code	Course Title and Contents	Lectures	Credit Points
BNBUSHS6P2	PRACTICAL-II BASED ON BNBUSHS6P3 and BNBUSHS6P4	03 / Week	02

- 1. TLC method for differentiation of ink, drugs
- 2. Microscopic examination of
 - a. Hair
 - b. Fibre
 - c. Pollen
- 3. Study of analytical instruments in crime investigation
 - a. HPLC
 - b. GC-MS
 - c. UV-visible Spectrophotometer
 - d. TLC
 - e. Electrophoresis (Horizontal/Vertical)
- 4. Preliminary and Confirmatory test for biological samples (Blood, Urine, Saliva)
- 5. Collection and identification of fingerprint patterns.
- 6. Formulating a recipe . Indian Menu, Continental Menu, Oriental Menu.
- 7. Study of preparation and presentation of : soups, snacks
- 8. Study of Preparation and Presentation of : Sandwiches, Salads, Mocktails.
- 9. Napkin folding
- 10. Measure the density of milk using a lactometer.
- 11. Identification of types of exercises; (Bench press, Jumps, Push ups, Sit and Reach Test); fitness Muscle strength, endurance and flexibility exercises.
- 12. Suitable exercise programme for special conditions Weight reduction and Weight Management
- 13. Suitable Exercise programme for therapeutic conditions-CVD/ Diabetes /Arthritis.
- 14. Case Analysis from theory and investigative point of view Nithari Killings, Arushi murder case, Nirbhaya case.

PRACTICAL EXAMINATION T.Y.B.Sc. Semester- IV

Code:BNBUSHS6P1

Q. I	Major Experiment	30 Marks
	Estimate the amount of Dissolved Oxygen / BOD in the given sample of	
	water	
	OR	
	Estimate the amount of Free CO2 and Total Hardness from the given	
	sample of water	
	OR	
	Estimate amount silicates in water sample.	
Q. II	Minor Experiment	20 Marks
	Two case studies on clinical psychology	
Q. III	Identify and describe three from each group	30 Marks
	a. Safety symbols	
	b. Pollution devices (3 from each group)	
Q. IV	Viva Voce	10 Marks
Q. V	Journal	10 Marks

<u>AC</u>

PRACTICAL EXAMINATION T. Y. B. Sc. Semester- IV

Code:BNBUSHS6P2

Q. I	Major experiment	30 Marks
	TLC method for differentiation of ink, drugs	
	OR	
	Mounting for Microscopic examination of	
	Hair and Pollen	
	Hair and Fibre	
	OR	
	Preliminary and confirmatory tests for biological samples.	
Q. II	Minor experiment	20 Marks
	1. Napkin Folding	
	OR	
	2. Finger print analysis.	
Q. III	Identify and describe	30 Marks
	a. Instruments in crime investigation.	
	b. Identification of types of exercises.	
	c. Identification of lactometer	
Q. IV	Viva Voce	10 Marks
Q. V	Journal	10 Marks

PRACTICAL EXAMINATION T. Y. B. Sc. Semester- VI

Code: BNBUSHS6P3

Duration: 3 Hrs Total Marks: 100

Evaluation to be done during practical examination

Q. I	Two case studies to be performed during examination	80			
	Marks distribution for each case study				
	1. Identifying the topic on which the case study is based Forensic science and Clinical psychology.				
	2. Report submission, Presentation and Viva Voce	25			
Q. II	Report of Excursion Field report/ Institutional visit/ Visit to rehabilitation centre	20			



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Class test	Certification of Swayam / Open university UK/ NPTEL in concern course	Presentation of any topic related to the course	Attendance & Leadership qualities	Total		
20	10	05	05	40		

Theory Examination: Suggested Format of Question paper

Duration: 2 Hours Total Marks: 60

• All questions are compulsory

** (4 questions of 8 marks each / 8 questions of 4 marks can be asked with 50% options)

Q.1	A Based on Unit I	6
	OR	
	Based on Unit I	
	B Based on Unit I	6
	OR	
	Based on Unit I	
	C Based on Unit I	4
	OR	
	Based on Unit I	
Q.2	A Based on Unit II	6
	OR	
	Based on Unit II	
	B Based on Unit II	6
	OR	
	Based on Unit II	
	C Based on Unit II	4
	OR	
	Based on Unit II	
Q.3	A Based on Unit III	6
	OR	
	Based on Unit III	
	B Based on Unit III	6
	OR	
	Based on Unit III	
	C Based on Unit III	4
	OR	
	Based on Unit III	
Q. 4	Answer any two of the following	12
<u> </u>	Questions based on Unit 1-2-3	12
	Questions bused on Olive 1 2 5	

AC

Marks Distribution and Passing Criterion for Each Semester

Theory					Practical		
Course Code	Internal	Min marks for passing	Theory Examination	Min marks for passing	Course Code	Practical Examinati on	Min marks for passing
BNBUSHS5T1	40	16	60	24	BNBUSHS5P1	100	40
BNBUSHS5T2	40	16	60	24	BNBUSHS5P2	100	40
BNBUSHS5T3	40	16	60	24	BNBUSHS5P3	100	40
BNBUSHS5T4	40	16	60	24			
BNBUSHS5T5	40	16	60	24			

		Theory	Practical				
Course Code	Internal	Min marks for passing	Theory Examination	Min marks for passing	Course Code	Practical Examinatio n	Min marks for passing
BNBUSHS6T1	40	16	60	24	BNBUSHS6P1	100	40
BNBUSHS6T2	40	16	60	24	BNBUSHS6P2	100	40
BNBUSHS6T3	40	16	60	24	BNBUSHS6P3	100	40
BNBUSHS6T4	40	16	60	24			
BNBUSHS6T5	40	16	60	24			