THE PEOPLE'S UNIVERSITY	INDIRA GANDHI NATIONAL OPEN UNIVERSITY Course Registration Form for BSW II Year July 2022 Session	Send this filled-in form along with fee to: The Regional
Enrolment No.		Director of your Regional Centre
Regional Centre Code	Study Centre Code	* as per schedule
1. Name of the Stude	nt (in capital letters):	
2. Complete Address	:	

Details of fee paid: Draft is to be made from any Scheduled Bank in the name of IGNOU payable at the city of the Regional Centre.

- Name of the Bank _____ Place _____ a. _____ Dated _____ Bank Draft No. ____ b.
- Amount (Rs.5400/- + the late fee as applicable)_____ c.

I hereby register for the following courses for II year Bachelor of Social Work commencing July 2022.

S. No.	Course Title	Course Code	Total Credits	
1.	Foundation Course in Science & Technology	FST 1	8	
2.	Social Work Intervention with Individuals and Groups	BSWE 2	8	
3.	Introduction to Family Life Education	BSWE 4	8	
4.	Social Work Practicum-II	BSWL 2	8	
		То	tal : 32 Credits	

Note: 1) Old students of pre-July 2018 batches are not eligible for Re-registration in July 2022 Session. For all the Elective Courses of 2nd year, a student is eligible for appearing in his/her <u>first attempt</u> in Termend examinations after one year of the commencement of the session.

3) This Re-registration Form is for old BSW programme. Students of BSWG Programme are advised not to apply for the same.

4) Please keep a photo copy of this form for your record.

Yours faithfully,

Date: _____

Signature of student _____ E-Mail ID _____ Mobile/ Ph. No._____

Schedule for submission of Re-registration Form:

(in capital letters):		Regional Centre * as per schedule
(in capital letters):		
is to be made from any Scheduled Bank	x in the name of IG	NOU payable at the city of
Place	;	
Dated	d	
the late fee as applicable)		
owing courses for III year Bachelor of So	cial Work commen	cing July 2022.
e Title	Course Code	Total Credits
ention with Communities and Institutions	BSWE 3	8
//AIDS	BSWE 5	8
nd Counselling	BSWE 6	8
	BSWL 3	8
cum-III	Tat	tal: 32 Credits
1	6	

Note: 1) Old students of pre-July 2017 batches are not eligible for Re-registration in July 2022 Session.

- 2) For all the *Elective Courses of* 3^{rd} year, a student is eligible for appearing is his/her <u>first attempt</u> in Termend examinations after one year of the commencement of the session.
- 3) This Re-registration Form is for old BSW programme. Students of BSWG Programme are advised not to apply for the same.
- 4) Please keep a photo copy of this form for your record.

Yours faithfully,

Date:

Signature of student ______ E-Mail ID _____ Mobile/ Ph. No._____

Schedule for submission of Re-registration Form:

Enrolment No.	INDIRA GANDHI NATIONAL OP Course Registration Form for July 2022 Session Study Centre Code	Sena Luis Illea-In
	in capital letters):	
Details of fee paid: Draft i Regional Centre.	is to be made from any Scheduled Bank	in the name of IGNOU payable at the city of the
a. Name of the Bank		Place
b. Bank Draft No		Dated

Amount (**Rs.2400/-** + the late fee as applicable) Do not repeat any elective course taken during First Year. FST (Foundation Course in Science & Technology), an 8 credit course, is compulsory. Students are advised to fill in the boxes provided by choosing 8 credits each from Group-3 & Group-4 and 8 credits either from Group-1 or Group-2.

Note : Students are advised not to opt for more than 8 credit course(s) from a single group.

c.

** Students opting B.A. Psychology courses, BPCL007 & BPCL008, are required to pay an extra fee of Rs.600/in addition to the programme fee of Rs.2400/- (total would be Rs.3000/-)*.

I hereby register for the following courses for II year Bachelor of Arts commencing July 2022.

S. No.	Course Title	Course Code	Total Credits	
1.	Foundation Course in Science & Technology	FST 1	8	
Please	write name of course(s) you want and its code:			
2	Group – 3		8	
3.	Group – 4		8	
4.	Group – 1 or 2		8	
		Te	ntal · 32 Credits	

* These courses are available for learners pursuing BA Major in Psychology.

Old students of pre-July 2018 batches are not eligible for Re-registration in July 2022 Session. Note : 1)

- Do not repeat the course that you have already opted for in 1st year. 2)
- For all the *Elective Courses of 2^{nd} year*, a student is eligible for appearing in his/her <u>first attempt</u> in Term-end examinations 3) after one year of the commencement of the session.
- Students can take maximum 48 credits only in a single discipline. 4)
- 5) Please keep a photo copy of this form for your record.

Yours faithfully,

Date:	Signature of student
E-Mail ID	Mobile/ Ph. No

Schedule for submission of Re-registration Form:

C	THE PEOPLE'S UNIVERSITY	INDIRA GANDHI NATIONAL OPEN UNIVERSITY Course Registration Form for B.A. III Year July 2022 Session	Send this filled-in form along with fee to: The Regional
Enr	olment No.		Director of your Regional Centre
Reg 1.	ional Centre Code	Study Centre Code	* as per schedule
1. 2.		(in capital letters):	
	ails of fee paid: Draft zional Centre:	is to be made from any Scheduled Bank in the name of IGNOU pa	yable at the city of the
a.	Name of the Bank	Place	
b.	Bank Draft No.	Dated	

Amount (**Rs.2400/-**** + the late fee as applicable)_ c.

** Students opting B.A. Psychology course BPCE022, are required to pay an extra fee of Rs.600/- in addition to the programme fee of Rs.2400/- (total would be Rs.3000/-)*.

Do not repeat any elective course taken during First and Second Year. Students are advised to fill in the boxes provided by choosing 8 credits each from Group-5, 6 & A1 and 8 credits either from Group-1 or 2 or 3 or 4 or A1.

Students are advised not to opt for more than 8 credit Course(s) from a single group.

I hereby register for the following courses for III year Bachelor of Arts commencing July 2022.

S. No.	Course Title	Course Code	Total Credits
1	Group – 5	-	8
2.	Group – 6	-	8
3.	Application - oriented Courses (Group – A1)	_	8
4.	Any one from the following Groups : Group-1 or Group-2 or Group-3 or Group-4 or Group-A1		8
	Group-4 of Group-A1		Total · 32 Credits

* These courses are available for learners pursuing BA Major in Psychology.

- Old students of pre-July 2017 batches are not eligible for Re-registration in July 2022 Session. Note : 1)
 - In case of choosing 4-4 credit courses, you are advised to write all course codes to make up to 8 credits in the concerned box. 2)
 - 3)
 - Do not repeat the course that you have already opted for in 1^{st} and 2^{nd} years. For all the *Electives and Application-oriented Courses of* 3^{rd} year, a student is eligible for appearing in his/her first attempt in 4) Term-end examinations after one year of the commencement of the session.
 - Students can take maximum 48 credits only in a single discipline. 5)
 - 6) Please keep a photo copy of this form for your record.

Yours faithfully,

Date:	 _	
E-Mail ID		

Signature of student	
Mobile/ Ph. No.	

Schedule for submission of Re-registration Form:



INDIRA GANDHI NATIONAL OPEN UNIVERSITY Course Registration – Choice of courses – B.A II, III Year July 2022 Session

Grouping of Elective courses in Bachelors Degree Programme.

GROUP –1	GROUP	-1
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S.No.	Course Code	Title of the Elective Course	Cre dits
1.	BEGE 101	From Language to Literature (Formerly EEG 1)	8
2.	BHDE 101	Hindi Gadya (Formerly EHD 1)	8
3.	EHD 5	Adhunik Bhartiya Sahitya: Nav Jagran aur Rashtriya Andolan	8
4.	EEC 11	Fundamentals of Economics (Formerly EEC 1)	8
5.	EHI 1	Modern India 1857-1964	8
6.	BHIE107	Modern Europe : Mid 18 th to Mid 20 th Century (Formerly EHI 7)	8
7.	EPS 11	Political Ideas and Ideologies (Formerly EPS 1)	8
8.	EPA 1	Administrative Theory	8
9.	ESO 11	The Study of Society (Formerly ESO 1)	8
10.	ECO 1	Business Organization To be taken together	4
11.	ECO 2	Accountancy-1	4 =
12.	MTE 1	Calculus	4
13.	MTE 4	Elementary Algebra > To be taken together	2 =
14.	MTE 5	Analytical Geometry	2
15.	BSWE 4	Introduction to Family Education	8
16.	BPY 1	Indian Philosophy Part 1 To be taken together	4 +
17.	BPY 2	Logic : Classical and Symbolic	4
18.	BULE 1@	Elements of Urdu Structure	8
19.	BPC 1*	General Psychology	4
20.	BPC 2*	Developmental Psychology \int To be taken together	4_ 1
21.	BGSE1	Gender Sensitization : Society, Culture and Change	8

@Self-learning materials would be available in Urdu language only

GROUP –2

S.No.	Course Code	Title of the Elective Course	Credits
1.	BEGE 102	The Structure of Modern English (Formerly EEG 2)	8
2.	EHD 2	Hindi Kavya	8
3.	BHDE 108	Prayojanmulak Hindi (Formerly EHD 8)	8
4.	BECE 2	Indian Economic Development: Issues and perspectives (Formerly EEC 12)	8
5.	EHI 2	India : Earliest Times to the 8 th Century AD	8
6.	BPSE 212	Government and Politics in India (Formerly EPS 12)	8
7.	BPAE 102	Indian Administration (Formerly EPA 2)	8
8.	BRDE 101	Rural Development in India (Formerly ERD1)	8
9.	ESO 12	Society in India (Formerly ESO 2)	
10.	MTE 2	Linear Algebra	4
11.	MTE 6	Linear Algebra Abstract Algebra To be taken together	4 = 8
12.	BPY 3	Ancient and Medieval Philosophy	4 = 8
13.	BPY 4	Religions of the World	4
14.	BULE 2@	History of Urdu Language	8
15.	BPC 3*	Research Methods in Psychology To be taken together	4 = 8
16.	BPC 4*	Statistics in Psychology	4

@Self-learning materials would be available in Urdu language only

GROUP -3

S.No.	Course Code	Title of the Elective Course	Credits
1.	BEGE 103	Communication Skills in English (Formerly EEG 3)	8
2.	BEGE 108	Reading the Novel (Formerly EEG 8)	8
3.	EHD 3	Hindi Sahitya Ka Itihas evam Sahitya Parichaya	8
4.	EEC 13	Elementary Statistical Methods and Survey Techniques (Formerly EEC 3)	8
5.	EHI 3	India from $8^{th} - 15^{th}$ Century AD	8
6.	EPS 3	Modern Indian Political Thought	8
7.	EPS 8	Government and Politics in Australia	8
8.	EPA 3	Development Administration	8
9.	ESO 13	Sociological Thought (Formerly ESO 3)	8
10.	ECO 5	Mercantile Law	4
11.	ECO 7	Elements of Statistics	4
12.	MTE 7	Advanced Calculus To be taken together	4
13.	MTE 8	Differential Equations $\int 10 \text{de taken together}$	4 = 8
14.	BSWE 5	Introduction to HIV/AIDS	8
15.	BPY 5	Indian Philosophy : Part II	4 = 8
16.	BPY 8	Modern Western Philosophy J To be taken together	4 0
17.	BULE 3@	Urdu Poetry	8
18.	BPC 5*	Theories of Personality	$\frac{4}{4} = 8$
19.	BPC 6*	Social Psychology To be taken together	4 = 8
@Self-learning materials would be available in Urdu language only * to be taken together to be taken together the second			n together

GROUP-4

S.No.	Course Code	Title of the Elective Course	Credits
1.	BEGE105	Understanding Prose (Formerly EEG 5)	8
2.	BHDE 106	Hindi Bhasha : Itihas aur Vartman (Formerly EHD 6)	8
3.	BECE214	Agricultural Development in India (Formerly EEC 14)	8
4.	EHI 4	India from 16 th to Mid 18 th Century	8
5.	EPS 7	International Relations (Formerly EPS 4)	8
6.	BPAE 104	Personnel Administration (Formerly EPA 4)	8
7.	ESO 14	Society and Stratification (Formerly ESO 4)	8
8.	ECO 3	Management Theory	4
9.	ECO 6	Economic Theory	4
	OR	OR	
	ECO 13	Business Environment	4
10.	ECO 12	Elements of Auditing	4] = 8
11.	ECO 14	Accountancy-II (Formerly ECO 4) To be taken together	4
12.	MTE 9	Real Analysis	4] = 8
13.	MTE 10	Numerical Analysis To be taken together	40
14.	BSWE 6	Substance Abuse and Counseling	8
15.	BPY 6	Metaphysics	$\frac{4}{1} = 8$
16.	BPY 7	Ethics To be taken together	40
17.	BPYE 1	Philosophy of Religion	4 = 8
18.	BPYE 2	Tribal and dalit philosophy To be taken together	4
19.	BULE 4@	Urdu Fiction	8
20.	BPCL 7#	Practicals in Psychological Testing	4
21.	BPCL 8#	Practicals in Experimental Psychology To be taken together	4 = 8

Compulsory courses for students of B.A. 'Major' in Psychology. These courses can not be opted by B.A. General students. @Self-learning materials would be available in Urdu language only.

GROUP –5					
S.No.	Course Code	Title of the Elective Course	Credits		
1.	BEGE 106	Understanding Poetry (Formerly EEG 6)	8		
2.	BHDE 107	Hindi Sanrachna (Formerly EHD 7)	8		
3.	BECE 016	Economic Development: Comparative Analysis & Contemporary Issues (Formerly EEC 6)	8		
4.	EHI 5	India from Mid 18 th to Mid 19 th Century	8		
5.	EPS 15	South Asia : Economy, Society and Politics (Formerly EPS 5)	8		
6.	EPA 5	Financial Administration	8		
7.	ESO 15	Society and Religion (Formerly ESO 5)	8		
8.	BCOE 108	Company Law (Formerly ECO 8)	4		
9.	ECO 9	Money, Banking & Financial Institution	4		
10.	MTE 11	Probability and Statistics To be taken together	4 = 8		
11.	MTE 12		4—		
12.	BPY 9	Contemporary Western Philosophy Fnistemology	4 = 8		
13.	BPY 10		4—		
14.	BULE 5@	Urdu Non-fiction Prose	8		
15.	BPCE 14	Psychopathology	4		
	OR	OR			
	BPCE 15	Industrial and Organizational Psychology			
	OR	OR	= 8		
	BPCE 17	Introduction to Counselling Psychology			
16.	BPCE 11	School Psychology			
	OR	OR * To be taken together	4		
	BPCE 13	Motivation and Emotion			
	OR	OR			
	BPCE 18	Neuropsychology			
	OR	OR			
	BPCE 19	Environmental Psychology			
	OR	OR			
	BPCE 21	Forensic Psychology			

@Self-learning materials would be available in Urdu language only.

GROUP-6

		GKUUP -0	
S.No.	Course Code	Title of the Elective Course	Credits
1.	BEGE 104	English for Business Communication (Formerly EEG 4)	8
2.	BEGE 107	Understanding Drama (Formerly EEG 7)	8
3.	EHD 4	Madhyakaleen Bharatiya Sahitya : Samaj aur Sanskriti	8
4.	BECE 107	Industrial Development in India (Formerly EEC 7)	8
5.	EHI 6	History of China and Japan 1840-1949	8
6.	EPS 6	Govt. and Politics in East and South East Asia	8
7.	EPS 9	Comparative Government and Politics	8
8.	EPA 6	Public Policy	8
9.	ESO 16	Social Problems in India (Formerly ESO 6)	8
10.	ECO 10	Elements of Costing	4
11.	ECO 11	Elements of Income Tax	4
12.	MTE 13	Discrete Mathematics	4] = 8
13.	MTE 14	Mathematical Modelling To be taken together	4] = 0
14.	BPY 11	Philosophy of Human person	4]= 8
15.	BPY 12	Philosophy of Science and Cosmology To be taken together	4] 0
16.	BULE 6@	History of Urdu Literature	8
17.	BPCE 22#	Practicals in Clinical Psychology or Practicals in Counselling	47
		or Practicals in Industrial & Organisational Psychology	= 8
18.	BPCE 23#	Internship in Psychology	4]

Compulsory Courses for B.A. 'Major' in Psychology. These courses can not be opted by B.A. General students. @ Self-learning materials would be available in Urdu language only.

* Self-learning materials would be available in English language only.

Note: The courses BECE2, BECE214, BECE15, BECE16, BECE107, BPAE104, BPSE212, BEGE102, BEGE103, BEGE104, BEGE105, BEGE106, BEGE107, BEGE107, BEGE108, BEGA1, BHDA101, BRPA101, BEGA 102, BSHF101, BHDE101, BHDE106, BHDE107, BHDE108, BECE16, BRDE101, BHIE107 & BCOE108 are revised versions of EEC12, EEC14, EEC5, EEC6, EEC7, EPA 4, EPS12, EEG2, EEG3, EEG4, EEG5, EEG6, EEG7, EEG8, AFWE, AFWH, AWRH, AWRE, FHS1, EHD1, EHD6, EHD7, EHD8, ERD1, EHI7 & ECO8 respectively. If you have opted for any of these pre-revised courses earlier, please do not opt for the revised version. These will not be accounted in your credits. EEC-19 (formerly EEC-9) has been withdrawn from January 2010 session. EEC10 has also been withdrawn from January 2017 Session. BECE15 has also been withdrawn from January 2019 Session.

|--|

Group – A1 (Application–oriented Courses)				
S.No.	Course Code	Title of the course	Credits	
		Application-oriented Courses in :		
1.	BEGA1	Introduction to the Media (formerly AFW(E)	4	
		OR		
	BHDA 101	Samachar Patra aur Feature Lekhan (Hindi) (Formerly AFW(H)	4	
2.	BEGA 102	Writing for Radio (English) (Formerly AWR (E)	4	
		OR		
	BRPA 101	Radio Lekhan (Hindi) (Formerly AWR (H)	4	
3.	ATR 1	Translation (Hindi 4 credits + English 4 credits)	8	
4.	ACC 1	Organising Childcare Services	8	
5.	ANC 1	Nutrition for the Community	8	
6.	AHE 1	Human Environment (6 Cr. Theory + 2 Cr. Project)	8	
7.	AMK 1*	Marketing	4	
8.	AED 1*	Export Procedures and Documentation	4	
9.	AOM 1*	Office Organisation & Management	4	
10.	ASP 1*	Secretarial Practice	4	
11.	AMT 1	Teaching of Primary School Mathematics	8	
		(6 Cr. Theory + 2 Cr. Project)		
12.	ACS 1	Consumer Studies	8	
13.	CTE 3	Teaching Strategies	$4 \Box$ To be taken	
14.	CTE 4	Teaching English – Elementary School	$4 _ together$	
	OR	OR	C	
	CTE 5	Teaching English – Secondary School	4	
		(with CTE 3 take any one, either CTE 4 or CTE 5)		
15.	AST 1**	Statistical Techniques	4	
16.	AOR 1**	Operations Research	4	
17.	APM 1	Integrated Pest Management (6 Cr. Theory+2Cr.Project)	8	
18.	BCOA 1	Business Communication and Entrepreneurship (English medium only)	4	

* Commerce based Application-oriented Courses. However, students are free to choose any Application-oriented Course(s) of their choice. If you opt for 4 credit AOCs, you must choose at least two 4 credit AOCs to make up a total of 8 credits of AOCs.

** +2 level of mathematics is a pre-requisite

MTE 01 is a pre-requisite for MTE 07 to MTE 10 Note:

MTE 07 is a pre-requisite for MTE 11

MTE 07 is a co-requisite for MTE 08 MTE 08 is a pre-requisite for MTE 14

	FOR B. A. STUDENTS				
Course	II Year	III Year			
Foundation Course	Compulsory course : FST-1 (8 Credits)	NIL			
Elective Course	 24 credits 8 credits from Group 3 and 8 credits from Group 4 8 credits from Group 1 or 2 	 16 or 24 credits 8 credits each from Group 5 & Group 6 8 credits either from Group 1 to 4 or Group A1 			
Application- oriented Course	NIL	Compulsory: 8 to 16 credit Course(s) from Group-A1			

Note: BA students can take maximum of 48 credits only in a single discipline.

THE PEOPLE'S UNIVERSITY	INDIRA GANDHI NATIONAL OPEN UNIVERSITY Course Registration Form for B.Sc. II YEAR July 2022 Session	Send this filled-in form along with fee to: The Regional Director of your
Enrolment No.		Regional Centre
Regional Centre Code	Study Centre Code	* as per schedule
1. Name of the Student	(in capital letters):	
2. Complete Address :		
Details of fee paid: Dra Regional Centre.	aft is to be made from any Scheduled Bank in the name of IGNOU p	ayable at the city of the
a. Name of the Bank	Place	

_____ Dated _____ Bank Draft No. _____ b.

Amount (Rs. 4200/- + the late fee as applicable) _ c.

You are advised not to repeat any elective course taken during the First Year. BSHF-101 (Foundation Course in Humanities & Social Sciences), an 8 credit course, is compulsory. You should fill in the boxes provided by indicating your choice of the electives worth 24 credits. You should choose the maximum number of credits in the discipline in which you would like to major. I hereby register for the following courses for II year Bachelor of Science commencing July 2022.

Sl. No.	Discipline (Course Codes)	Course Code	Credits
1.	Foundation Course in Humanities and Social Sciences	BSHF101	8
2.	Chemistry: (from CHE 1 to 9, CHE 11L & MTE 3)		
3.	Life Sciences : (from LSE 1 to LSE 8L & MTE 3)		24 Credits
4.	Physics: (from BPHE101, BPHE102, BPHL103, BPHE104, PHE5, BPHE106, PHE7 to PHE10 & PHE15)		
5.	Mathematics : (from MTE 1, 2, 4 to 10)		
		Tota	l : 32 credits

1) Old students of pre-July 2018 batches are not eligible for Re-registration in July 2022 Session. Note : For both B.Sc.(Major) and B.Sc.(General) degrees, at least 25% of the total credits in elective courses from Physics, 2) Chemistry and Life Sciences must be from laboratory courses.

3)

Do not repeat the course(s) that you have already opted for in 1^{st} year. For all the *Elective Courses of* 2^{nd} year, a student is eligible for appearing in her/his <u>first attempt</u> in Term-end examinations 4) only after one year of the commencement of the session.

5) Please keep a photo copy of this form for your record.

Date: ___

Yours faithfully,

Signature of student ____

_ Name of the City: _

E-Mail ID ____

Mobile/ Ph. No._____

Schedule for submission of Re-registration Form:

Enrolr	INDIRA GANDHI NATIONAL OPEN UNIVERSITY INIVERSITY INIVE		Send this filled-in form along with fee to: The Regional Director of your Regional Centre
Region	nal Centre Code Study Centre Code		* as per schedule
1.	Name of the Student (In capital letters) :		
	Complete Address :		
	s of fee paid:		
Centr	is to be made from any Scheduled Bank in the name of IGNOU pay e. Name of the Bank Place		
b. I	Bank Draft No Dated		
You an <u>exceed</u> Discipl credits course	Amount (Rs.4200/- + the late fee as applicable) re advised to fill in the boxes provided by indicating your choice of Electives at ling 32 credits. If you would like to Major in any Discipline, you must choose the line but the total number of elective credits in that Discipline <u>should not be mor</u> s or 16 credits worth of Application-oriented Course(s) from Group-A1, listed in taken during the first and second years.	nd Application 2 maximum nu <u>e than 48 cred</u> 1 Table II. Do	n-oriented Courses <u>not</u> mber of credits in that <u>lits</u> . You have to take 8
S. No.	Discipling (Course Codes)	Course	Credite
S. No.	Discipline (Course Codes)	Course Code	Credits
S. No.	Discipline (Course Codes) Chemistry (from CHE 1 to CHE 12L, MTE 3)		Credits
	Chemistry		
1.	Chemistry (from CHE 1 to CHE 12L, MTE 3) Life Sciences : (from LSE 1 to LSE 8L, MTE 3) or [LSE 1 to LSE 11L for B.Sc.		
1. 2. 3. 4.	Chemistry (from CHE 1 to CHE 12L, MTE 3) Life Sciences : (from LSE 1 to LSE 8L, MTE 3) or [LSE 1 to LSE 11L for B.Sc. (Zoology) Major] or [LSE 1 to LSE 8L and LSE 12 to LSE14L for B.Sc. (Botany) Major] Physics		16 or 24 Credits
1. 2. 3.	Chemistry (from CHE 1 to CHE 12L, MTE 3) Life Sciences : (from LSE 1 to LSE 8L, MTE 3) or [LSE 1 to LSE 11L for B.Sc. (Zoology) Major] or [LSE 1 to LSE 8L and LSE 12 to LSE14L for B.Sc. (Botany) Major] Physics (from BPHE101, BPHE102, BPHL103, BPHE104, PHE5, BPHE106, PHE7 to PHE 16) Mathematics		
1. 2. 3. 4.	Chemistry (from CHE 1 to CHE 12L, MTE 3) Life Sciences : (from LSE 1 to LSE 8L, MTE 3) or [LSE 1 to LSE 11L for B.Sc. (Zoology) Major] or [LSE 1 to LSE 8L and LSE 12 to LSE14L for B.Sc. (Botany) Major] Physics (from BPHE101, BPHE102, BPHL103, BPHE104, PHE5, BPHE106, PHE7 to PHE 16) Mathematics (from MTE 1, 2, 4 to 14) Group – A1 (Application-oriented Course(s))	Code	16 or 24 16 or 24 Credits 8 or 16 Credits Total : 32 credits ession. ysics, Chemistry and Life
1. 2. 3. 4. 5.	Chemistry (from CHE 1 to CHE 12L, MTE 3) Life Sciences : (from LSE 1 to LSE 8L, MTE 3) Or [LSE 1 to LSE 11L for B.Sc. (Zoology) Major] Or [LSE 1 to LSE 8L and LSE 12 to LSE14L for B.Sc. (Botany) Major] Physics (from BPHE101, BPHE102, BPHL103, BPHE104, PHE5, BPHE106, PHE7 to PHE 16) Mathematics (from MTE 1, 2, 4 to 14) Group – A1 (Application-oriented Course(s)) 1) Old students of pre-July 2017 batches are not eligible for Re-registration i 2) For both B.Sc.(Major) and B.Sc.(General) degrees, <u>at least 25% of the total elections</u> Sciences <u>must be from laboratory courses.</u> 3) For all the <i>Elective and Application-oriented Courses of 3rd year</i> , a student is eligible Term-end examinations only after one year of the commencement of the session. 4) Do not repeat the course(s) that you have already opted in the 1 st and 2nd years.	Code	16 or 24 16 or 24 Credits 8 or 16 Credits Total : 32 credits ession. ysics, Chemistry and Life
1. 2. 3. 4. 5.	Chemistry (from CHE 1 to CHE 12L, MTE 3) Life Sciences : (from LSE 1 to LSE 8L, MTE 3) or [LSE 1 to LSE 11L for B.Sc. (Zoology) Major] or [LSE 1 to LSE 8L and LSE 12 to LSE14L for B.Sc. (Botany) Major] Physics (from BPHE101, BPHE102, BPHL103, BPHE104, PHE5, BPHE106, PHE7 to PHE 16) Mathematics (from MTE 1, 2, 4 to 14) Group - A1 (Application-oriented Course(s)) 1) Old students of pre-July 2017 batches are not eligible for Re-registration i 2) For both B.Sc.(Major) and B.Sc.(General) degrees, <u>at least 25% of the total election</u> Sciences <u>must be from laboratory courses.</u> 3) For all the <i>Elective and Application-oriented Courses of 3rd year</i> , a student is eligible Term-end examinations only after one year of the commencement of the session. 4) Do not repeat the course(s) that you have already opted in the 1 st and 2nd years. 5) Please keep a photo copy of this form for your record.	Code	Total : 32 credits ession. ysics, Chemistry and Life in his/her <u>first attempt</u> in

Mahila/Dh Na		
Mobile/ Ph. No.		

Schedule for submission of Re-registration Form:

Discipline	Title of the Elective Course	Code	Credits
Chemistry		CHE 1	$2 \neg$ To be taken
v	Chemistry Lab-I To be taken together	CHE 3(L)	$2 _ \frac{10 \text{ be taken}}{\text{together}}$
	Inorganic Chemistry	CHE 2	4
	Physical Chemistry	CHE 4	4
	Organic Chemistry	CHE 5	4
	Organic Reaction Mechanism	CHE 6	4
	Chemistry Lab II	CHE 7(L)	$2 \neg$ To be taken
	Chemistry Lab-III To be taken together	CHE $8(L)$	
	Biochemistry	CHE 9	4^2 together
	Spectroscopy	CHE 10	4
	Chemistry Lab-IV	CHE 10 CHE 11(L)	4
	Chemistry Lab-V	CHE $11(L)$ CHE $12(L)$	4
	Mathematical Methods	MTE 3	4
· · · · · · · · · · · · · · · · · · ·			4
Life Sciences	Cell Biology	LSE 1	
	Ecology	LSE 2	4
	Genetics	LSE 3	4
	Laboratory Course-I	LSE 4(L)	4
	Physiology	LSE 5	4
	Developmental Biology	LSE 6	4
	Taxonomy and Evolution	LSE 7	4
	Laboratory Course-II	LSE 8(L)	4
	Animal Diversity-I	LSE 9	67 To be taken
	Animal Diversity-II To be taken together	LSE 10	6 To be taken
	Animal Diversity Laboratory	LSE 11(L)	4 together
	Plant Diversity-I	LSE 12	67
	Plant Diversity-II To be taken together	LSE 13	$\begin{array}{c c} 6 \\ 6 \end{array}$ To be taken
	Plant Diversity Laboratory	LSE 14(L)	4 together
	Mathematical Methods*	MTE 3*	
	Wattematical Wethous	WILL 5	+
	*MTE-03 (Mathematical Methods) can be taken as a Life will not be considered as a Life Sciences elective credit		
Dhuging	will not be considered as a Life Sciences elective credit Botany.	if you wish to do l	B.Sc. (Major) in Zoology
Physics	 will not be considered as a Life Sciences elective credit Botany. Elementary Mechanics (Formerly PHE 1) To be taken 	if you wish to do l BPHE101	B.Sc. (Major) in Zoology 2 To be taken
Physics	will not be considered as a Life Sciences elective credit Botany. Elementary Mechanics (Formerly PHE 1) Oscillations and Waves (Formerly PHE 2)	if you wish to do l BPHE101 BPHE 102	B.Sc. (Major) in Zoology $2 \longrightarrow To be taken$ $2 \longrightarrow together$
Physics	 will not be considered as a Life Sciences elective credit Botany. Elementary Mechanics (Formerly PHE 1) Oscillations and Waves (Formerly PHE 2) Physics Laboratory-I (Formerly PHE 3L) 	if you wish to do l BPHE101 BPHE 102 BPHL 103	B.Sc. (Major) in Zoology 2 - To be taken 4 - together
Physics	 will not be considered as a Life Sciences elective credit Botany. Elementary Mechanics (Formerly PHE 1) Oscillations and Waves (Formerly PHE 2) Physics Laboratory-I (Formerly PHE 3L) Mathematical Methods in Physics-I (Formerly PHE 4) 	if you wish to do l BPHE101 BPHE 102 BPHL 103 BPHE 104	B.Sc. (Major) in Zoology
Physics	 will not be considered as a Life Sciences elective credit Botany. Elementary Mechanics (Formerly PHE 1) Oscillations and Waves (Formerly PHE 2) Physics Laboratory-I (Formerly PHE 3L) Mathematical Methods in Physics-I (Formerly PHE 4) Mathematical Methods in Physics-II 	if you wish to do l BPHE101 BPHE 102 BPHL 103 BPHE 104 PHE 5	B.Sc. (Major) in Zoology 2 To be taken 2 together 4 2 To be taken 2 To be taken 2 together
Physics	 will not be considered as a Life Sciences elective credit Botany. Elementary Mechanics (Formerly PHE 1) Oscillations and Waves (Formerly PHE 2) Physics Laboratory-I (Formerly PHE 3L) Mathematical Methods in Physics-I (Formerly PHE 4) Mathematical Methods in Physics-II Thermodynamics and Statistical Mechanics (Formerly PHE 6) 	if you wish to do l BPHE101 BPHE 102 BPHL 103 BPHE 104 PHE 5 BPHE 106	B.Sc. (Major) in Zoology 2 To be taken 2 To be taken 4 2 To be taken 2 To be taken 2 together 4
Physics	 will not be considered as a Life Sciences elective credit Botany. Elementary Mechanics (Formerly PHE 1) Oscillations and Waves (Formerly PHE 2) Physics Laboratory-I (Formerly PHE 3L) Mathematical Methods in Physics-I (Formerly PHE 4) Mathematical Methods in Physics-II Thermodynamics and Statistical Mechanics (Formerly PHE 6) Electric and Magnetic Phenomena 	if you wish to do l BPHE101 BPHE 102 BPHL 103 BPHE 104 PHE 5 BPHE 106 PHE 7	B.Sc. (Major) in Zoology 2 To be taken 2 together 4 2 To be taken 2 To be taken 2 together
Physics	 will not be considered as a Life Sciences elective credit Botany. Elementary Mechanics (Formerly PHE 1) Oscillations and Waves (Formerly PHE 2) Physics Laboratory-I (Formerly PHE 3L) Mathematical Methods in Physics-I (Formerly PHE 4) Mathematical Methods in Physics-II Thermodynamics and Statistical Mechanics (Formerly PHE 6) 	if you wish to do l BPHE101 BPHE 102 BPHL 103 BPHE 104 PHE 5 BPHE 106	B.Sc. (Major) in Zoology
Physics	 will not be considered as a Life Sciences elective credit Botany. Elementary Mechanics (Formerly PHE 1) Oscillations and Waves (Formerly PHE 2) Physics Laboratory-I (Formerly PHE 3L) Mathematical Methods in Physics-I (Formerly PHE 4) Mathematical Methods in Physics-II Thermodynamics and Statistical Mechanics (Formerly PHE 6) Electric and Magnetic Phenomena 	if you wish to do l BPHE101 BPHE 102 BPHL 103 BPHE 104 PHE 5 BPHE 106 PHE 7	B.Sc. (Major) in Zoology
Physics	will not be considered as a Life Sciences elective credit Botany. Elementary Mechanics (Formerly PHE 1) Oscillations and Waves (Formerly PHE 2) Physics Laboratory-I (Formerly PHE 3L) Mathematical Methods in Physics-I (Formerly PHE 4) Mathematical Methods in Physics-II Thermodynamics and Statistical Mechanics (Formerly PHE 6) Electric and Magnetic Phenomena Physics Laboratory-II	if you wish to do l BPHE101 BPHE 102 BPHL 103 BPHE 104 PHE 5 BPHE 106 PHE 7 PHE 8(L)	B.Sc. (Major) in Zoology 2 To be taken 2 together 4 2 To be taken 2 together 4 4 4 4
Physics	 will not be considered as a Life Sciences elective credit Botany. Elementary Mechanics (Formerly PHE 1) Oscillations and Waves (Formerly PHE 2) Physics Laboratory-I (Formerly PHE 3L) Mathematical Methods in Physics-I (Formerly PHE 4) Mathematical Methods in Physics-II Thermodynamics and Statistical Mechanics (Formerly PHE 6) Electric and Magnetic Phenomena Physics Laboratory-II Optics 	if you wish to do l BPHE101 BPHE 102 BPHL 103 BPHE 104 PHE 5 BPHE 106 PHE 7 PHE 8(L) PHE 9	B.Sc. (Major) in Zoology
Physics	 will not be considered as a Life Sciences elective credit Botany. Elementary Mechanics (Formerly PHE 1) Oscillations and Waves (Formerly PHE 2) Physics Laboratory-I (Formerly PHE 3L) Mathematical Methods in Physics-I (Formerly PHE 4) Mathematical Methods in Physics-II Thermodynamics and Statistical Mechanics (Formerly PHE 6) Electric and Magnetic Phenomena Physics Laboratory-II Optics Electrical Circuits and Electronics Modern Physics 	if you wish to do 1 BPHE101 BPHE 102 BPHL 103 BPHE 104 PHE 5 BPHE 106 PHE 7 PHE 8(L) PHE 9 PHE 10 PHE 11	B.Sc. (Major) in Zoology
Physics	 will not be considered as a Life Sciences elective credit Botany. Elementary Mechanics (Formerly PHE 1) Oscillations and Waves (Formerly PHE 2) Physics Laboratory-I (Formerly PHE 3L) Mathematical Methods in Physics-I (Formerly PHE 4) Mathematical Methods in Physics-II Thermodynamics and Statistical Mechanics (Formerly PHE 6) Electric and Magnetic Phenomena Physics Laboratory-II Optics Electrical Circuits and Electronics Modern Physics Physics Laboratory-III 	if you wish to do 1 BPHE101 BPHE 102 BPHL 103 BPHE 104 PHE 5 BPHE 106 PHE 7 PHE 8(L) PHE 9 PHE 10 PHE 11 PHE 12(L)	B.Sc. (Major) in Zoology
Physics	 will not be considered as a Life Sciences elective credit Botany. Elementary Mechanics (Formerly PHE 1) Oscillations and Waves (Formerly PHE 2) Physics Laboratory-I (Formerly PHE 3L) Mathematical Methods in Physics-I (Formerly PHE 4) Mathematical Methods in Physics-II Thermodynamics and Statistical Mechanics (Formerly PHE 6) Electric and Magnetic Phenomena Physics Laboratory-II Optics Electrical Circuits and Electronics Modern Physics Physics Laboratory-III Physics Laboratory-III Physics Caboratory-III Physics	if you wish to do 1 BPHE101 BPHE 102 BPHL 103 BPHE 104 PHE 5 BPHE 106 PHE 7 PHE 8(L) PHE 9 PHE 10 PHE 11 PHE 12(L) PHE 13	B.Sc. (Major) in Zoology
Physics	 will not be considered as a Life Sciences elective credit Botany. Elementary Mechanics (Formerly PHE 1) Oscillations and Waves (Formerly PHE 2) Physics Laboratory-I (Formerly PHE 3L) Mathematical Methods in Physics-I (Formerly PHE 4) Mathematical Methods in Physics-II (Formerly PHE 4) Mathematical Methods in Physics-II (Formerly PHE 6) Electric and Magnetic Phenomena Physics Laboratory-II Optics Electrical Circuits and Electronics Modern Physics Physics Laboratory-III Physics Caboratory-III Physics Of Solids Mathematical Methods in Physics-III 	if you wish to do 1 BPHE101 BPHE 102 BPHL 103 BPHE 104 PHE 5 BPHE 106 PHE 7 PHE 8(L) PHE 8(L) PHE 9 PHE 10 PHE 11 PHE 12(L) PHE 13 PHE 14	B.Sc. (Major) in Zoology
Physics	 will not be considered as a Life Sciences elective credit Botany. Elementary Mechanics (Formerly PHE 1) Oscillations and Waves (Formerly PHE 2) Physics Laboratory-I (Formerly PHE 3L) Mathematical Methods in Physics-I (Formerly PHE 4) Mathematical Methods in Physics-II Thermodynamics and Statistical Mechanics (Formerly PHE 6) Electric and Magnetic Phenomena Physics Laboratory-II Optics Electrical Circuits and Electronics Modern Physics Physics Laboratory-III Physics of Solids Mathematical Methods in Physics-III Astronomy and Astrophysics 	if you wish to do 1 BPHE101 BPHE 102 BPHL 103 BPHE 104 PHE 5 BPHE 106 PHE 7 PHE 8(L) PHE 8(L) PHE 9 PHE 10 PHE 11 PHE 12(L) PHE 13 PHE 14 PHE 15	B.Sc. (Major) in Zoology
	 will not be considered as a Life Sciences elective credit Botany. Elementary Mechanics (Formerly PHE 1) Oscillations and Waves (Formerly PHE 2) Physics Laboratory-I (Formerly PHE 3L) Mathematical Methods in Physics-I (Formerly PHE 4) Mathematical Methods in Physics-II Thermodynamics and Statistical Mechanics (Formerly PHE 6) Electric and Magnetic Phenomena Physics Laboratory-II Optics Electrical Circuits and Electronics Modern Physics Physics Laboratory-III Physics Laboratory-III Physics of Solids Mathematical Methods in Physics-III Astronomy and Astrophysics Communication Physics 	if you wish to do 1 BPHE101 BPHE 102 BPHL 103 BPHE 104 PHE 5 BPHE 106 PHE 7 PHE 8(L) PHE 8(L) PHE 9 PHE 10 PHE 11 PHE 12(L) PHE 13 PHE 14 PHE 15 PHE 16	B.Sc. (Major) in Zoology
	 will not be considered as a Life Sciences elective credit Botany. Elementary Mechanics (Formerly PHE 1) Oscillations and Waves (Formerly PHE 2) Physics Laboratory-I (Formerly PHE 3L) Mathematical Methods in Physics-I (Formerly PHE 4) Mathematical Methods in Physics-II Thermodynamics and Statistical Mechanics (Formerly PHE 6) Electric and Magnetic Phenomena Physics Laboratory-II Optics Electrical Circuits and Electronics Modern Physics Physics Laboratory-III Physics of Solids Mathematical Methods in Physics-III Astronomy and Astrophysics Communication Physics 	if you wish to do 1 BPHE101 BPHE 102 BPHL 103 BPHE 104 PHE 5 BPHE 106 PHE 7 PHE 8(L) PHE 9 PHE 10 PHE 11 PHE 12(L) PHE 13 PHE 14 PHE 15 PHE 16 MTE 01	B.Sc. (Major) in Zoology
	 will not be considered as a Life Sciences elective credit Botany. Elementary Mechanics (Formerly PHE 1) Oscillations and Waves (Formerly PHE 2) Physics Laboratory-I (Formerly PHE 3L) Mathematical Methods in Physics-I (Formerly PHE 4) Mathematical Methods in Physics-II Thermodynamics and Statistical Mechanics (Formerly PHE 6) Electric and Magnetic Phenomena Physics Laboratory-II Optics Electrical Circuits and Electronics Modern Physics Physics of Solids Mathematical Methods in Physics-III Astronomy and Astrophysics Calculus Linear Algebra 	if you wish to do 1 BPHE101 BPHE 102 BPHL 103 BPHE 104 PHE 5 BPHE 106 PHE 7 PHE 8(L) PHE 9 PHE 10 PHE 11 PHE 12(L) PHE 13 PHE 14 PHE 15 PHE 16 MTE 01 MTE 02	B.Sc. (Major) in Zoology
	 will not be considered as a Life Sciences elective credit Botany. Elementary Mechanics (Formerly PHE 1) Oscillations and Waves (Formerly PHE 2) Physics Laboratory-I (Formerly PHE 3L) Mathematical Methods in Physics-I (Formerly PHE 4) Mathematical Methods in Physics-II Thermodynamics and Statistical Mechanics (Formerly PHE 6) Electric and Magnetic Phenomena Physics Laboratory-II Optics Electrical Circuits and Electronics Modern Physics Physics Laboratory-III Physics of Solids Mathematical Methods in Physics-III Astronomy and Astrophysics Calculus Linear Algebra To be taken 	if you wish to do 1 BPHE101 BPHE 102 BPHL 103 BPHE 104 PHE 5 BPHE 106 PHE 7 PHE 8(L) PHE 9 PHE 10 PHE 10 PHE 11 PHE 12(L) PHE 13 PHE 14 PHE 15 PHE 16 MTE 01 MTE 02 MTE 04	B.Sc. (Major) in Zoology 2 To be taken 2 To be taken 2 To be taken 2 To be taken 2 defined 4 4 4 4 4 4 4 4
	 will not be considered as a Life Sciences elective credit Botany. Elementary Mechanics (Formerly PHE 1) Oscillations and Waves (Formerly PHE 2) Physics Laboratory-I (Formerly PHE 3L) Mathematical Methods in Physics-I (Formerly PHE 4) Mathematical Methods in Physics-II Thermodynamics and Statistical Mechanics (Formerly PHE 6) Electric and Magnetic Phenomena Physics Laboratory-II Optics Electrical Circuits and Electronics Modern Physics Physics Laboratory-III Physics of Solids Mathematical Methods in Physics-III Astronomy and Astrophysics Calculus Linear Algebra Elementary Algebra Analytical Geometry 	if you wish to do 1 BPHE101 BPHE 102 BPHL 103 BPHE 104 PHE 5 BPHE 106 PHE 7 PHE 8(L) PHE 9 PHE 10 PHE 10 PHE 11 PHE 12(L) PHE 13 PHE 14 PHE 15 PHE 16 MTE 01 MTE 02 MTE 04 MTE 05	B.Sc. (Major) in Zoology $2 \\ 2 \\ - \\ 10 \\ together$ $4 \\ 2 \\ - \\ 10 \\ together$ $4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\$
	 will not be considered as a Life Sciences elective credit Botany. Elementary Mechanics (Formerly PHE 1) Oscillations and Waves (Formerly PHE 2) Physics Laboratory-I (Formerly PHE 3L) Mathematical Methods in Physics-I (Formerly PHE 4) Mathematical Methods in Physics-II Thermodynamics and Statistical Mechanics (Formerly PHE 6) Electric and Magnetic Phenomena Physics Laboratory-II Optics Electrical Circuits and Electronics Modern Physics Physics Laboratory-III Physics of Solids Mathematical Methods in Physics-III Astronomy and Astrophysics Calculus Linear Algebra Elementary Algebra Analytical Geometry Abstract Algebra 	if you wish to do l BPHE101 BPHE 102 BPHL 103 BPHE 104 PHE 5 BPHE 106 PHE 7 PHE 8(L) PHE 9 PHE 10 PHE 10 PHE 11 PHE 12(L) PHE 13 PHE 14 PHE 15 PHE 16 MTE 01 MTE 02 MTE 04 MTE 05 MTE 06	B.Sc. (Major) in Zoology
	 will not be considered as a Life Sciences elective credit Botany. Elementary Mechanics (Formerly PHE 1) Oscillations and Waves (Formerly PHE 2) Physics Laboratory-I (Formerly PHE 3L) Mathematical Methods in Physics-I (Formerly PHE 4) Mathematical Methods in Physics-II (Formerly PHE 4) Mathematical Methods in Physics-II (Formerly PHE 6) Electric and Magnetic Phenomena Physics Laboratory-II Optics Electrical Circuits and Electronics Modern Physics Physics Laboratory-III Physics Laboratory-III Physics of Solids Mathematical Methods in Physics-III Astronomy and Astrophysics Calculus Linear Algebra Elementary Algebra Analytical Geometry To be taken together Advanced Calculus 	if you wish to do l BPHE101 BPHE 102 BPHL 103 BPHE 104 PHE 5 BPHE 106 PHE 7 PHE 8(L) PHE 8(L) PHE 10 PHE 10 PHE 11 PHE 12(L) PHE 13 PHE 14 PHE 15 PHE 16 MTE 01 MTE 02 MTE 04 MTE 05 MTE 06 MTE 07	B.Sc. (Major) in Zoology $2 \\ 2 \\ - \\ 10 \\ together$ $4 \\ 2 \\ - \\ 10 \\ together$ $4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\$
	 will not be considered as a Life Sciences elective credit Botany. Elementary Mechanics (Formerly PHE 1) Oscillations and Waves (Formerly PHE 2) Physics Laboratory-I (Formerly PHE 3L) Mathematical Methods in Physics-I (Formerly PHE 4) Mathematical Methods in Physics-II Thermodynamics and Statistical Mechanics (Formerly PHE 6) Electric and Magnetic Phenomena Physics Laboratory-II Optics Electrical Circuits and Electronics Modern Physics Physics Laboratory-III Physics of Solids Mathematical Methods in Physics-III Astronomy and Astrophysics Calculus Linear Algebra Elementary Algebra Analytical Geometry Abstract Algebra 	if you wish to do l BPHE101 BPHE 102 BPHL 103 BPHE 104 PHE 5 BPHE 106 PHE 7 PHE 8(L) PHE 9 PHE 10 PHE 10 PHE 11 PHE 12(L) PHE 13 PHE 14 PHE 15 PHE 16 MTE 01 MTE 02 MTE 04 MTE 05 MTE 06	B.Sc. (Major) in Zoology
	 will not be considered as a Life Sciences elective credit Botany. Elementary Mechanics (Formerly PHE 1) Oscillations and Waves (Formerly PHE 2) Physics Laboratory-I (Formerly PHE 3L) Mathematical Methods in Physics-I (Formerly PHE 4) Mathematical Methods in Physics-II Thermodynamics and Statistical Mechanics (Formerly PHE 6) Electric and Magnetic Phenomena Physics Laboratory-II Optics Electrical Circuits and Electronics Modern Physics Physics Laboratory-III Physics of Solids Mathematical Methods in Physics-III Astronomy and Astrophysics Calculus Linear Algebra Analytical Geometry Abstract Algebra Advanced Calculus Differential Equations 	if you wish to do l BPHE101 BPHE 102 BPHL 103 BPHE 104 PHE 5 BPHE 106 PHE 7 PHE 8(L) PHE 8(L) PHE 10 PHE 10 PHE 11 PHE 12(L) PHE 13 PHE 14 PHE 15 PHE 16 MTE 01 MTE 02 MTE 04 MTE 05 MTE 06 MTE 07	B.Sc. (Major) in Zoology
	 will not be considered as a Life Sciences elective credit Botany. Elementary Mechanics (Formerly PHE 1) Oscillations and Waves (Formerly PHE 2) Physics Laboratory-I (Formerly PHE 3L) Mathematical Methods in Physics-I (Formerly PHE 4) Mathematical Methods in Physics-II Thermodynamics and Statistical Mechanics (Formerly PHE 6) Electric and Magnetic Phenomena Physics Laboratory-II Optics Electrical Circuits and Electronics Modern Physics Physics Laboratory-III Physics of Solids Mathematical Methods in Physics-III Astronomy and Astrophysics Communication Physics Calculus Linear Algebra Elementary Algebra Analytical Geometry To be taken together Advanced Calculus Differential Equations Real Analysis 	if you wish to do l BPHE101 BPHE 102 BPHL 103 BPHE 104 PHE 5 BPHE 106 PHE 7 PHE 8(L) PHE 8(L) PHE 10 PHE 10 PHE 11 PHE 12(L) PHE 13 PHE 14 PHE 15 PHE 16 MTE 01 MTE 02 MTE 04 MTE 05 MTE 06 MTE 07 MTE 08 MTE 09	B.Sc. (Major) in Zoology
	will not be considered as a Life Sciences elective credit Botany. Elementary Mechanics (Formerly PHE 1) Oscillations and Waves (Formerly PHE 2) Physics Laboratory-I (Formerly PHE 3L) To be taken together Mathematical Methods in Physics-I (Formerly PHE 4) Mathematical Methods in Physics-II Thermodynamics and Statistical Mechanics (Formerly PHE 6) Electric and Magnetic Phenomena Physics Laboratory-II Optics Electrical Circuits and Electronics Modern Physics Physics of Solids Mathematical Methods in Physics-III Astronomy and Astrophysics Communication Physics Calculus Linear Algebra Analytical Geometry Abstract Algebra Advanced Calculus Differential Equations Real Analysis	if you wish to do l BPHE101 BPHE 102 BPHL 103 BPHE 104 PHE 5 BPHE 106 PHE 7 PHE 8(L) PHE 8(L) PHE 9 PHE 10 PHE 11 PHE 12(L) PHE 13 PHE 14 PHE 15 PHE 16 MTE 01 MTE 02 MTE 04 MTE 05 MTE 06 MTE 07 MTE 08 MTE 09 MTE 10	B.Sc. (Major) in Zoology
	will not be considered as a Life Sciences elective credit Botany. Elementary Mechanics (Formerly PHE 1) Oscillations and Waves (Formerly PHE 2) To be taken together Physics Laboratory-I (Formerly PHE 3L) Mathematical Methods in Physics-I (Formerly PHE 4) Mathematical Methods in Physics-II Thermodynamics and Statistical Mechanics (Formerly PHE 6) Electric and Magnetic Phenomena Physics Laboratory-II Optics Electrical Circuits and Electronics Modern Physics Physics-III Physics Laboratory-III Physics of Solids Mathematical Methods in Physics-III Astronomy and Astrophysics Communication Physics Calculus Linear Algebra To be taken together Analytical Geometry To be taken together Advanced Calculus Differential Equations Real Analysis Numerical Analysis Probability and Statistics Numerical Analysis	if you wish to do l BPHE101 BPHE 102 BPHL 103 BPHE 104 PHE 5 BPHE 106 PHE 7 PHE 8(L) PHE 8(L) PHE 10 PHE 10 PHE 11 PHE 12(L) PHE 13 PHE 14 PHE 15 PHE 16 MTE 01 MTE 02 MTE 04 MTE 05 MTE 06 MTE 07 MTE 08 MTE 09 MTE 10 MTE 11	B.Sc. (Major) in Zoology
Physics	 will not be considered as a Life Sciences elective credit Botany. Elementary Mechanics (Formerly PHE 1) Oscillations and Waves (Formerly PHE 2) Physics Laboratory-I (Formerly PHE 3L) Mathematical Methods in Physics-I (Formerly PHE 4) Mathematical Methods in Physics-II Thermodynamics and Statistical Mechanics (Formerly PHE 6) Electric and Magnetic Phenomena Physics Laboratory-II Optics Electrical Circuits and Electronics Modern Physics Physics Laboratory-III Physics Laboratory-III Physics Laboratory-III Physics Colids Mathematical Methods in Physics-III Astronomy and Astrophysics Calculus Linear Algebra Elementary Algebra Analytical Geometry Abstract Algebra Advanced Calculus Differential Equations Real Analysis Numerical Analysis Probability and Statistics Linear Programming 	if you wish to do 1 BPHE101 BPHE 102 BPHL 103 BPHE 104 PHE 5 BPHE 106 PHE 7 PHE 8(L) PHE 9 PHE 10 PHE 10 PHE 11 PHE 12(L) PHE 13 PHE 14 PHE 15 PHE 16 MTE 01 MTE 02 MTE 04 MTE 05 MTE 06 MTE 07 MTE 08 MTE 09 MTE 10 MTE 11 MTE 12	B.Sc. (Major) in Zoology $2 \\ 2 \\ 1 \\ condent to be taken 2 \\ condent to be taken 2 \\ condent to be taken 2 \\ condent to be taken 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\$
	will not be considered as a Life Sciences elective credit Botany. Elementary Mechanics (Formerly PHE 1) Oscillations and Waves (Formerly PHE 2) To be taken together Physics Laboratory-I (Formerly PHE 3L) Mathematical Methods in Physics-I (Formerly PHE 4) Mathematical Methods in Physics-II Thermodynamics and Statistical Mechanics (Formerly PHE 6) Electric and Magnetic Phenomena Physics Laboratory-II Optics Electrical Circuits and Electronics Modern Physics Physics Laboratory-III Physics S of Solids Mathematical Methods in Physics-III Astronomy and Astrophysics Communication Physics Calculus Linear Algebra Elementary Algebra To be taken together Advanced Calculus Differential Equations Real Analysis Numerical Analysis Probability and Statistics Statistics	if you wish to do l BPHE101 BPHE 102 BPHL 103 BPHE 104 PHE 5 BPHE 106 PHE 7 PHE 8(L) PHE 8(L) PHE 10 PHE 10 PHE 11 PHE 12(L) PHE 13 PHE 14 PHE 15 PHE 16 MTE 01 MTE 02 MTE 04 MTE 05 MTE 06 MTE 07 MTE 08 MTE 09 MTE 10 MTE 11	B.Sc. (Major) in Zoology $2 \\ 2 \\ 1 \\ condent to be taken 2 \\ 2 \\ condent to be taken 2 \\ condent to be taken 2 \\ condent to be taken 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\$

Guidelines for Course Registration of II/III Year B.Sc Table – I The elective courses available for B.Sc. students are given below:

 Table II : Group – A1 (Application-oriented Courses) : For III Year

S.No.	Course Code	Title of the course	Credits
1.	BEGA 1	Introduction to the Media (formerly AFW(E)	4
		or	
	BHDA 101	Samachar Patra aur Feature Lekhan (Hindi) (Formerly AFW(H)	4
2.	BEGA 102	Writing for Radio (English) (Formerly AWR (E)	4
		or	
	BRPA 101	Radio Lekhan (Hindi) (Formerly AWR (H)	4
3.	ATR 1	Translation (Hindi 4 credits + English 4 credits)	8
4.	ACC 1	Organising Childcare Services	8
5.	ANC 1	Nutrition for the Community	8
6.	AHE 1	Human Environment (6 Cr. Theory + 2 Cr. Project)	8
7.	AMK 1*	Marketing	4
8.	AED 1*	Export Procedures and Documentation	4
9.	AOM 1*	Office Organisation & Management	4
10.	ASP 1*	Secretarial Practice	4
11.	AMT 1	Teaching of Primary School Mathematics	8
		(6 Cr. Theory + 2 Cr. Project)	
12.	ACS 1	Consumer Studies	8
13.	CTE 3	Teaching Strategies	4 ☐ To be taken
14.	CTE 4	Teaching English – Elementary School	$4 \perp_{\text{together}}$
	OR	OR	U U
	CTE 5	Teaching English – Secondary School	4
		(with CTE 3 take any one, either CTE 4 or CTE 5)	
15.	AST 1**	Statistical Techniques	4
16.	AOR 1**	Operations Research	4
17.	AEC 1Ω	Environmental Chemistry (6 Cr. Theory+2Cr. Lab work)	8
18.	APM 1	Integrated Pest Management (6 Cr. Theory+2Cr.Project)	8
19.	BCOA 001	Business Communication and Entrepreneurship (English medium only)	4

* Commerce based Application-oriented Courses. However, students are free to choose any Application-oriented Course(s) of their choice. Among 4 credit AOC(s), they have to choose at least two 4 credit courses to make up to 8 credits in total.

** 10+2 level of mathematics is a pre-requisite.

Ω Only for B.Sc. students. CHE 01, CHE 02 and CHE 03(L) are the pre-requisite for this course; however, this is not a compulsory directive. B.A/B.Com/BTS students are advised not to opt for this AOC.

IMPORTANT NOTE

While opting for a course, please keep the following pre-requisites and co-requisites in mind. A **co-requisite** refers to a course **to be taken together** with the course concerned, while a **pre-requisite course** should be opted for **before** studying the course concerned. Note that we recommend co-requisite and pre-requisite courses, so that you can follow the related courses easily. However, this is **not a compulsory directive**.

MTE 1 is a pre-requisite for MTE 7 to MTE 10.

MTE 7 is a pre-requisite for MTE 11.

MTE 7 is a co-requisite for MTE 8.

MTE 8 is a pre-requisite for MTE 14.

CHE 1 is a pre-requisite for CHE 4, CHE 5 and CHE10.

CHE 1 is a co-requisite for CHE 2.

CHE 2 is a pre-requisite for CHE 10.

CHE 4 is a pre-requisite for CHE 9.

CHE 5 is a pre-requisite for CHE6, CHE 9 and CHE 10.

BPHE 102 is a pre-requisite for PHE 9.

PHE 7 is a pre-requisite for PHE 10.

BPHE 101, BPHE 104 and PHE 5 are pre-requisites for PHE 11.

PHE 10 is a co-requisite for PHE 16.

BPHE 104 and PHE 5 are pre-requisites for PHE 14.

CHE 1, CHE 2 and CHE 3(L) are the pre-requisites for AEC-1 course.

Since the Chemistry courses of IGNOU include quantitative techniques, we suggest that you take MTE 3, if you haven't studied Mathematics up to the +2 level. It will help you to cope better with these courses. However, **if you plan to take any other Mathematics electives (MTE 1, 2, 4 to 14), you are not permitted to take MTE 3.**

While doing so, remember that the combination of courses should be such that in any discipline you choose to study, you take at least 4 credits at a time. Therefore, if you opt for a 2-credit course, then you must opt for 2-credit courses from the same discipline.

The 2 credit courses **must be taken from the same discipline** in the following combinations:

		1
CHE 1	and	CHE 3(L)
CHE 7(L)	and	CHE 8(L)
BPHE 101	and	BPHE 102
BPHE 104	and	PHE 5
MTE 4	and	MTE 5

You cannot take combinations of 2 credit courses from different disciplines. For example, you CANNOT take the following courses together:

BPHE 101	and	CHE 1
BPHE 102	and	CHE 1
BPHE 101	and	CHE 3L
BPHE 104	and	MTE 4

NOTE that YOU MUST OPT FOR ELECTIVE COURSES FROM AT LEAST 2 DISCIPLINES in SCIENCE. YOU <u>CANNOT</u> OPT FOR ELECTIVE COURSES FROM MORE THAN 4 DISCIPLINES. You can opt for a *minimum* of 8 and a *maximum* of 48 credits in any one discipline, which you decide to study. DO NOT OPT FOR LESS THAN 8 CREDITS OR MORE THAN 48 CREDITS IN ANY ONE DISCIPLINE.

For both B.Sc. (Major) and B.Sc. degrees, <u>at least 25% of the total elective credits</u> in Physics, Chemistry and Life Sciences <u>must be from</u> <u>laboratory courses.</u>

Please choose your courses carefully so as to make meaningful combinations. You can consult your Counsellor(s)/ Coordinator, if you like. Students pursuing B.Sc. and **B.Sc.** (**Major**) in Chemistry, Mathematics, Botany, Zoology or Physics are free to choose any AOCs of their choice in the 3rd year. If you opt for AOCs worth 4 credits each from the list, choose **at least two** 4 credits AOCs to make up a total of 8 credits of AOCs.

Table – III

B.Sc. (Major)

To obtain B.Sc. (Major) in any discipline, the **number of credits** that you opt for in the <u>elective courses</u> from that discipline, must be as given in the following table:

Discipline	Total Credits	Elective courses
Botany	48	LSE 1 to 8(L) and the package* of LSE 12, 13 & 14(L)
Chemistry	40 (Minimum)	CHE 1 to CHE 12(L)
Mathematics	40 (Minimum)	MTE 1, 2, 4 to 9 worth 28 credits are compulsory.
		Remaining 12 credits may be opted from MTE 10 to MTE 14
Physics	48	BPHE 101, BPHE 102, BPHL 103, BPHE 104, PHE 5, BPHE 106 to PHE 13 and any
		one elective from PHE-14 to PHE-16
Zoology	48	LSE 1 to 8(L) and the package* of LSE 9, 10 & 11(L)

* Please note that the courses LSE 09, 10 & 11(L) are to be taken together as a package. You will not be allowed to opt for any individual course from the package. Similarly, LSE 12, 13 & 14(L) are also to be taken together as a package. YOU CANNOT OPT FOR MORE THAN 48 CREDITS IN ANY <u>ONE</u> DISCIPLINE.

B.Sc.

For any combination of Science Electives other than those given above, you will be awarded a B.Sc. degree.

For both B.Sc. (Major) and B.Sc. degrees, at least 25% of the total elective credits in Physics, Chemistry and Life Sciences must be from laboratory courses.

You can choose your courses in II & III year from the list of courses given in the table below:

Table – IV

COURSE	II YEAR	III YEAR
FOUNDATION COURSE	Compulsory Course	NIL
	BSHF-101	
ELECTIVE COURSES	24 Credits from :	16 or 24 Credits from :
	PHE - BPHE 101, BPHE 102, BPHL 103,	PHE - BPHE 101, BPHE102, BPHL 103,
	PHE 4, 5, 6, 7, 8L, 9, 10 & 15	PHE 4, 5, 6, 7, 8L ,9, 10, 11, 12L, 13, 14, 15 & 16
	CHE - 1, 2, 3L, 4, 5, 6, 7L, 8L, 9, 11L & MTE03	CHE - 1, 2, 3L, 4, 5, 6, 7L, 8L, 9, 10, 11L, 12L & MTE03
	LSE - 1, 2, 3,4L, 5,6, 7, 8L & MTE03	LSE - 1, 2, 3, 4L, 5, 6, 7, 8L, MTE 3, LSE (9, 10 & 11L)
	MTE - 1, 2, 4, 5, 6, 7, 8, 9 & 10	or (12, 13 & 14L)
		MTE - 1, 2, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13 & 14
APPLICATION-		Compulsory:
ORIENTED COURSES	NIL	8 to 16 credit courses from Group-A1

PLEASE NOTE

1. You can take electives (56 or 64 credits) from a minimum of TWO and a maximum of FOUR science disciplines, viz. Physics, Chemistry, Life Sciences and Mathematics.

2. You can opt elective courses worth a **MINIMUM OF 8 CREDITS** and a **MAXIMUM OF 48 CREDITS** in any of the four disciplines: Physics, Chemistry, Life Sciences and Mathematics.

3. For both B.Sc. (Major) and B.Sc. degrees, <u>at least 25% of the total elective credits opted for</u> in Physics, Chemistry and Life Sciences <u>must be from laboratory courses</u>. For example, if you opt for a total 64 credits of electives in these 3 disciplines, at least 16 credits out of those 64 credits must be from laboratory courses. Otherwise your result will not be declared and the responsibility will be yours.

4. You cannot appear in the Term-End Examination of any course without getting registered for the same. Otherwise your result will not be declared and the responsibility will be yours.