




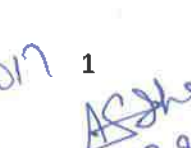
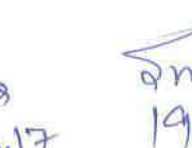




**School of Education**  
**Central University of South Bihar**

**BA.BEd and BSc.BEd Programme (Total VIII Semesters)**

**Course Structure for 2016-20 Batch onwards**

<b>Semester – I</b>		
<b>Education Courses (8 Credits)</b>		
<b>Course Code</b>	<b>Course Title</b>	<b>Credits</b>
EDU 101	Language Proficiency	2
EDU 102	Holistic Education	2
EDU 103	Indian Society, Education and Development	4
<b>Semester – II</b>		
<b>Education Courses (8 Credits)</b>		
<b>Course Code</b>	<b>Course Title</b>	<b>Credits</b>
EDU 151	Language Proficiency	2
EDU 152	Environmental Education	2
EDU 153	Cognitive Psychology	2
EDU 154	Basics in Education	2
<b>Semester – III</b>		
<b>Education Courses (9 Credits)</b>		
<b>Course Code</b>	<b>Course Title</b>	<b>Credits</b>
EDU 201	Psychology of learning and Learner	2
EDU 202	Secondary Education in India	2
EDU 203	Human Abilities and Measurement (HAM)	2
EDU 204	Practicum in HAM	2
*EDU205	Yoga Education	1
<b>Semester – IV</b>		
<b>Education Courses (9 Credits)</b>		
<b>Course Code</b>	<b>Course Title</b>	<b>Credits</b>
EDU 251	ICT in Education	4
EDU 252	Assessment of Learning	2
EDU 253	Educational Statistics	2
*EDU254	Community Awareness and Participation	1
<b>Semester – V</b>		
<b>Education Courses (10 Credits)</b>		
<b>Course Code</b>	<b>Course Title</b>	<b>Credits</b>
EDU 301	Curriculum Development	2
EDU 302	Pedagogy of Subjects – I	2
EDU 303	Pedagogy of Subjects – II	2
EDU 304	Education and Value Inculcation	2
*EDU305	Gender, School and Society	2
<b>Semester – VI</b>		

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Education Courses (10 Credits)		
Course Code	Course Title	Credits
EDU 351	Pedagogy of Subjects – I	2
EDU 352	Pedagogy of Subjects – II	2
*EDU 353	Practicum : School Observation	2(1+1*)
*EDU 354	Micro Teaching	2(1+1*)
EDU 355	School Management	2

Semester – VII		
Education Courses (12 Credits)		
Course Code	Course Title	Credits
EDU 401	Human Development	4
*EDU 402	School Experience Programme – I	8(4+4*)

Semester – VIII		
Education Courses (14 Credits)		
Course Code	Course Title	Credits
*EDU 451	School Experience Programme – II	8(2+6*)
EDU 452	Reflective Journal	2
EDU 453	Inclusive Education	2
EDU ***	Elective	2

**\*\*\*Elective Basket of Education (Semester – VIII)**

Course Code	Course Title	Credits
EDU 454	Guidance and Counselling	2
EDU 455	Population Education	2
EDU 456	Education of Children with Special need	2
EDU 457	Distance Education and Open Learning	2

**\*Additional Credit Courses**

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**School of Education**  
**Central University of South Bihar**  
**BA.BEd and BSc.BEd Programme (Total VIII Semesters)**  
**Course Structure for 2016-20 Batch onwards**

**Semester – I**

**Education Courses (8 Credits)**

Course Code	Course Title	Credits
EDU 101	Language Proficiency	2
EDU 102	Holistic Education	2
EDU 103	Indian Society, Education and Development	4

BA Courses (Three Subjects of 4 Credit each as per the regulations)			BSc Courses (Three Subjects of 4 Credit each as per the regulations)		
Course Code	Course Title	Credits	Course Code	Course Title	Credits
ENG 101	Introduction to English Language	4	MTH 101	Introductory Mathematics	4
HIN 101	हिंदीभाषा एवं साहित्य: उद्भव एवं विकास	4	PHY 101	Mechanics - 3 credit + Practical – 1 Credit	4
URD 101	Origin and Development of Urdu Language	4	CHE 101	ATOMIC STRUCTURE, BONDING AND FEATURES OF s- and p-BLOCK ELEMENTS	4 (3L+1P)
ECO 101	Basic Principles of Economics	4	ALS 101	Animal Taxonomy	4(3L+1P)
PSC 101	Basic Principles of Political Science	4	PTS 101	Plant Taxonomy	4 (3L+1P)
HIS 101	Ancient Indian History upto 1206 A.D.	4			

**Semester – II**

**Education Courses (8 Credits)**

Course Code	Course Title	Credits
EDU 151	Language Proficiency	2
EDU 152	Environmental Education	2
EDU 153	Cognitive Psychology	2
EDU 154	Basics in Education	2

BA Courses (Three Subjects of 4 Credit each as opted in Semester-I)			BSc Courses (Three Subjects of 4 Credit each as opted in semester-I)		
Course Code	Course Title	Credits	Course Code	Course Title	Credits
ENG 151	Introduction to English Literature I: Understanding Poetry	4	MTH 151	Analysis-I	4
HIN 151	प्राचीन एवं मध्यकालीनकाव्य	4	PHY 151	Elasticity, Waves, Thermodynamics - 3 credit + Practical – 1 Credit	4
URD 151	History, Socio Cultural Influence, Schools, movements and trends	4	CHE 151	STATES OF MATTER AND NUCLEAR CHEMISTRY	4 (3L+1P)

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	of Urdu Languages and Literature				
ECO 151	Microeconomics	4	ALS 151	Biochemistry & Cell Biology	4(3L+1P)
PSC 151	Indian Government and Politics	4	PTS 151	Genetics & Evolution	4(3L+1P)
HIS 151	Medieval Indian History 1206 to 1756	4			

### Semester – III

#### Education Courses (9 Credits)

Course Code	Course Title	Credits
EDU 201	Psychology of learning and Learner	2
EDU 202	Secondary Education in India	2
EDU 203	Human Abilities and Measurement (HAM)	2
EDU 204	Practicum in HAM	2
EDU205	Yoga Education	1

#### BA Courses

(Three Subjects of 4 Credit each as opted in Semester-I)

#### BSc Courses

(Three Subjects of 4 Credit each as opted in Semester-I)

Course Code	Course Title	Credits	Course Code	Course Title	Credits
ENG 201	Introduction to English Literature II: Understanding Drama	4	MTH 201	Linear Algebra	4
HIN 201	हिंदी कथासाहित्य: उद्भव, विकास एवं पाठ (कहानी एवं उपन्यास)	4	PHY 201	Electricity and Magnetism – 3 credit + Practical – 1 Credit	4
URD 201	Important Centres of Urdu Literature	4	CHE 201	ORGANIC CHEMISTRY	4 (3L+1P)
ECO 201	Macroeconomics	4	ALS 201	Molecular Biology & Immunology	4(3L+1P)
PSC 201	Indian Political Thought	4	PTS 201	Ecology & Environmental Biology	4(3L+1P)
HIS 201	Modern Indian History 1757 to 1857	4			

### Semester – IV

#### Education Courses (9 Credits)

Course Code	Course Title	Credits
EDU 251	ICT in Education	4
EDU 252	Assessment of Learning	2
EDU 253	Educational Statistics	2
EDU254	Community Awareness and Participation	1

#### BA Courses

(Three Subjects of 4 Credit each as opted in Semester-I)

#### BSc Courses

(Three Subjects of 4 Credit each as opted in Semester-I)

Course Code	Course Title	Credits	Course Code	Course Title	Credits
ENG 251	Introduction to English Literature III: Understanding Prose-Fiction	4	MTH 251	Analysis- II	4
HIN 251	आधुनिक हिंदी काव्य	4	PHY 251	Optics and Lasers - 3	4

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				credit + Practical – 1 Credit	
URD 251	Grammar, Rhetoric and Prosody	4	CHE 251	PHYSICAL CHEMISTRY-I: THERMODYNAMICS, EQUILIBRIUM AND SOLUTIONS	4 (3L+1P)
ECO 251	<i>Indian Economy: Problems and Prospects</i>	4	ALS 251	Animal Biodiversity	4(3L+1P)
PSC 251	International Relations From 1914 to the Present	4	PTS 251	Plant Biodiversity	4(3L+1P)
HIS 251	Modern Western Civilization 1776 to 1945	4			

### Semester – V

#### Education Courses (10 Credits)

Course Code	Course Title	Credits
EDU 301	Curriculum Development	2
EDU 302	Pedagogy of Subjects – I	2
EDU 303	Pedagogy of Subjects – II	2
EDU 304	Education and Value Inculcation	2
EDU305	Gender, School and Society	2

BA Courses (Any two Subjects of 6 Credit each out of the three subjects opted in Semester-I)		Credits	BSc Courses (Any two Subjects of 6 Credit each out of the three subjects opted in Semester-I)		Credits
Course Code	Course Title		Course Code	Course Title	
ENG 301	History of English Language and Literature I	3	MTH 301	Algebra 1	3
ENG 302	Novels in English	3	MTH 302	Ordinary Differential Equations	3
HIN 301	काव्यशास्त्र: भारतीय एवं पाश्चात्य	3	PHY 301	Electronics - 3 credit + Practical – 1 Credit	4
HIN 302	हिंदी निबंध एवं आलोचना	3	PHY 302	Kinetic Theory & Statistical Mechanics	2
URD 301	Literary Personalities (Creative Writers)	3	CHE301	TRANSITION ELEMENTS AND COORDINATION COMPOUNDS	2 (2L)
URD 302	Literary Personalities (Non-Creative Writers)	3			
ECO 301	<i>Elements of Statistics for Economic Analysis</i>	3	CHE302	Chemicals Kinetics and Surface Phenomena	2 (2L)
ECO 302	<i>Elements of Mathematics for Economic Analysis</i>	3	CHE303	Chemistry Practical	2 (2P)
PSC 301	Western Political Thought	3	ALS 301	Animal Behaviour & Applied Animal Science	6(4L+2P)
PSC 302	Comparative Government and Politics	3	PTS 301	Plant Pathology & Applied Plant Science	6(4L+2P)

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**Semester – VI**

**Education Courses (10 Credits)**

Course Code	Course Title	Credits
EDU 351	Pedagogy of Subjects – I	2
EDU 352	Pedagogy of Subjects – II	2
EDU 353	Practicum : School Observation	2
EDU 354	Micro Teaching	2
EDU 355	School Management	2

BA Courses (Two Subjects of 6 Credit each as opted in Semester-V)		Credits	BSc Courses (Two Subjects of 6 Credit each as opted in Semester-V)		Credits
Course Code	Course Title		Course Code	Course Title	
ENG351	History of English Language and Literature II	3	MTH 351	Analysis III	3
ENG 352	Indian English Poetry and Drama	3	MTH 352	Partial Differential Equations and Complex Analysis	3
HIN 351	विविध गद्य-रूप	3	PHY 351	Quantum Mechanics - 3 credit + Practical – 1 Credit	4
HIN 352	प्रयोजनमूलक हिंदी	3	PHY 352	Relativity	2
URD 351	Critical and Biographical study of the prescribed Authors and their works	3	CHE302	CHEMICAL KINETICS AND SURFACE PHENOMENA	2 (2L)
URD 352	Critical and Biographical study of the prescribed authors and their works (Prose)	3	CHE352	ORGANIC CHEMISTRY- III	2 (2L)
ECO 351	International Trade and Balance of Payments	3	CHE353	CHEMISTRY PRACTICAL	2 (2P)
ECO 352	Growth and Development	3	ATS 351	Animal Physiology	6(4L+2P)
PSC 351	Basic Principles of Public Administration	3	PTS 351	Plant Physiology and Plant Development Biology	6(4L+2P)
PSC 352	India's Foreign Policy	3			
GEO 351	Economic Geography	3			
GEO 352	Geography of Development	3			
HIS 351	India and Contemporary world	3			
HIS 352	History of West Asia in 20 <sup>th</sup> Century	3			

**Semester – VII**

**Education Courses (12 Credits)**

Course Code	Course Title	Credits
EDU 401	Human Development	4
EDU 402	School Experience Programme – I	8

BA Courses	Credits	BSc Courses	Credits
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(Two Subjects of 6 Credit each as opted in Semester-V)			(Two Subjects of 6 Credit each as opted in Semester-V)		
Course Code	Course Title		Course Code	Course Title	
ENG 401	Literary Criticism	3	MTH 401	Algebra II	3
ENG 402	Indian English Novel	3	MTH 402	Programming in C with Numerical Methods	3
HIN 401	नाटक एवं रंगमंच	3	PHY 401	Atomic & Molecular Physics – 3 credit + Practical – 1 Credit	4
HIN 402	अनुवाद: सिद्धांत एवं अनुप्रयोग	3	PHY 402	Electrodynamics and Plasma Physics	2
URD 401	Explanation and Analytical study of Creative writings from prescribed text books (Poetry)	3	CHE-401	ELECTROCHEMISTRY-I (Including redox chemistry)	2 (2L)
URD 402	Explanation and Analytical study of Creative Writings from prescribed text books (Prose)	3	CHE-402	Electrochemistry – II And photochemistry	2 (2L)
ECO 401	Public Finance	3	CHE-403	Chemistry Practical	2 (2P)
ECO 402	Money, Financial Institutions and Markets	3	ALS 401	Developmental Biology & Endocrinology	6(4L+2P)
PSC 401	United Nations Organisation	3	PTS 401	Microbiology	6(4L+2P)
PSC 402	Issues in Indian Politics	3			
GEO 401	Agricultural Geography	3			
GEO 402	Urban Geography	3			
HIS 401	History of far East Asia in 20 <sup>th</sup> Century	3			
HIS 402	History of South East Asia in 20 <sup>th</sup> Century	3			

Semester – VIII		
Education Courses (14 Credits)		
Course Code	Course Title	Credits
EDU 451	School Experience Programme – II	8
EDU 452	Reflective Journal	2
EDU 453	Inclusive Education	2
EDU ***	Elective – II	2

BA Courses (Two Subjects of 6 Credit each as opted in Semester-V)		Credits	BSc Courses (Two Subjects of 6 Credit each as opted in Semester-V)		Credits
Course Code	Course Title		Course Code	Course Title	
ENG 451	Introduction to Contemporary Literary Theory and Practical Criticism	3	MTH 451	Probability and Statistics	3
ENG ***	Elective Course	3	MTH ***	Elective - I	3
HIN 451	भारतीय साहित्य एवं हिंदी का लोकसाहित्य	3	PHY 451	Solid State Physics - 3 credit + Practical – 1 Credit	4

HIN 452	स्मकालीन हिदी साहित्य	3	PHY 452	Nuclear Physics	2
URD 451	Dissertation	6	CHE451	SPECTROSCOPY AND NATURAL PRODUCTS	2 (2L)
			CHE452	DYES, DRUGS, MACROMOLECULES AND HETEROCYCLICS	2 (2L)
ECO ***	Elective -I	3	CHE453	CHEMISTRY PRACTICAL	2 (2P)
ECO ***	Elective-II	3	ALS 451	Animal Biotechnology & Project Work	6(4+2)
PSC 451	Regional Organizations	3	PTS 451	Plant Biotechnology & Project Work	6(4+2)
PSC 452	Gandhian Philosophy and Action	3			
GEO 451	Remote Sensing and Geographical Information System	3			
GEO 452	Field Study and Project Report	3			
HIS 451	History of U.S.A. in 20 <sup>th</sup> Century	3			
HIS 452	History of U.S.S.R in 20 <sup>th</sup> Century	3			

#### Elective Basket of Education (Semester – VIII)

Course Code	Course Title	Credits
EDU 454	Guidance and Counselling	2
EDU 455	Population Education	2
EDU 456	Education of Children with Special need	2
EDU 457	Distance Education and Open Learning	2

#### Elective Basket of Mathematics (Semester – VIII)

(Any One electives from the following)

MTH 452	Linear Programing	3
MTH 453	Discrete Mathematics	3
MTH 454	Graph Theory	3
MTH 455	Number Theory	3
MTH 456	Statistics and Dynamics	3
MTH 457	Hydrodynamics	3

#### Elective Basket of Economics (Semester – VIII)

(Any two electives from the following)

ECO 451	Environmental Economics	3
ECO 452	Basic Econometrics	3
ECO 453	Financial Economics	3
ECO 454	Human Development	3

#### Elective Basket of English (Semester – VIII)

(Any One electives from the following)

ENG 452	American Literature	3
ENG 453	Literature and Nature	3
ENG 454	Women's Literature	3
ENG 455	Language and Linguistics	3

Note: In case of any typing error in nomenclature/code/credits of courses of BA/BSc component, the information recorded with concerned subject department will be treated as final.

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**School of Education**  
**Central University of South Bihar**

**BA.BEd and BSc.BEd Programme (Total VIII Semesters)**

**Course Structure for 2015-19 Batch**

Semester – I		
Education Courses (8 Credits)		
Course Code	Course Title	Credits
EDU 101	Language Proficiency	2
EDU 102	Holistic Education	2
EDU 103	Indian Society, Education and Development	4
Semester – II		
Education Courses (8 Credits)		
Course Code	Course Title	Credits
EDU 151	Language Proficiency	2
EDU 152	Environmental Education	2
EDU 153	Cognitive Psychology	2
EDU 154	Basics in Education	2
Semester – III		
Education Courses (8 Credits)		
Course Code	Course Title	Credits
EDU 201	Psychology of learning and Learner	2
EDU 202	Secondary Education in India	2
EDU 203	Human Abilities and Measurement (HAM)	2
EDU 204	Practicum in HAM	2
Semester – IV		
Education Courses (8 Credits)		
Course Code	Course Title	Credits
EDU 251	ICT in Education	4
EDU 252	Assessment of Learning	2
EDU 253	Educational Statistics	2
Semester – V		
Education Courses (10 Credits)		
Course Code	Course Title	Credits
EDU 301	Curriculum Development	2
EDU 302	Pedagogy of Subjects – I	2
EDU 303	Pedagogy of Subjects – II	2
EDU 304	Education and Value Inculcation	2
*EDU 305	Yoga Education	1
*EDU306	Community Awareness and Participation	1
Semester – VI		
Education Courses (12 Credits)		
Course	Course Title	Credits

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Code		
EDU 351	Pedagogy of Subjects – I	2
EDU 352	Pedagogy of Subjects – II	2
*EDU 353	Practicum : School Observation	2(1+1*)
*EDU 354	Micro Teaching	2(1+1*)
EDU 355	School Management	2
*EDU356	Gender, School and Society	2
<b>Semester – VII</b>		
<b>Education Courses (12Credits)</b>		
Course Code	Course Title	Credits
EDU 401	Human Development	4
*EDU 402	School Experience Programme – I	8(4+4*)
<b>Semester – VIII</b>		
<b>Education Courses (14 Credits)</b>		
Course Code	Course Title	Credits
*EDU 451	School Experience Programme – II	8(2+6*)
EDU 452	Reflective Journal	2
EDU 453	Inclusive Education	2
EDU #	Elective	2

#### #Elective Basket of Education (Semester – VIII)

Course Code	Course Title	Credits
EDU 454	Guidance and Counselling	2
EDU 455	Population Education	2
EDU 456	Education of Children with Special need	2
EDU 457	Distance Education and Open Learning	2

#### \*Additional Credit Courses

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**School of Education**  
**Central University of South Bihar**  
**BA.BEd and BSc.BEd Programme (Total VIII Semesters)**  
**Course Structure for 2015-19 Batch**

**Semester – I**

Education Courses (8 Credits)					
Course Code	Course Title				Credits
EDU 101	Language Proficiency				2
EDU 102	Holistic Education				2
EDU 103	Indian Society, Education and Development				4
BA Courses (Three Subjects of 4 Credit each as per the regulations)			BSc Courses (Three Subjects of 4 Credit each as per the regulations)		
Course Code	Course Title	Credits	Course Code	Course Title	Credits
ENG 101	Introduction to English Language	4	MTH 101	Introductory Mathematics	4
HIN 101	हिंदीभाषा एवं साहित्य: उद्भव एवं विकास	4	PHY 101	Mechanics - 3 credit + Practical – 1 Credit	4
URD 101	Origin and Development of Urdu Language	4	CHE 101	ATOMIC STRUCTURE, BONDING AND FEATURES OF s- and p-BLOCK ELEMENTS	4 (3L+1P)
ECO 101	Basic Principles of Economics	4	ALS 101	Animal Taxonomy	4(3L+1P)
PSC 101	Basic Principles of Political Science	4	PTS 101	Plant Taxonomy	4 (3L+1P)
HIS 101	Ancient Indian History upto 1206 A.D.	4			

**Semester – II**

Education Courses (8 Credits)					
Course Code	Course Title				Credits
EDU 151	Language Proficiency				2
EDU 152	Environmental Education				2
EDU 153	Cognitive Psychology				2
EDU 154	Basics in Education				2
BA Courses (Three Subjects of 4 Credit each as opted in Semester-I)			BSc Courses (Three Subjects of 4 Credit each as opted in semester-I)		
Course Code	Course Title	Credits	Course Code	Course Title	Credits
ENG 151	Introduction to English Literature I: Understanding Poetry	4	MTH 151	Analysis-I	4
HIN 151	प्राचीन एवं मध्यकालीनकाव्य	4	PHY 151	Elasticity, Waves, Thermodynamics - 3 credit + Practical – 1 Credit	4
URD 151	History, Socio Cultural Influence, Schools, movements and trends of Urdu Languages and Literature	4	CHE 151	STATES OF MATTER AND NUCLEAR CHEMISTRY	4 (3L+1P)
ECO 151	Microeconomics	4	ALS 151	Biochemistry & Cell	4(3L+1P)

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PSC 151	Indian Government and Politics	4	PTS 151	Biology Genetics & Evolution	4(3L+1P)
HIS 151	Medieval Indian History 1206 to 1756	4			

### Semester – III

#### Education Courses (8 Credits)

Course Code	Course Title	Credits
EDU 201	Psychology of learning and Learner	2
EDU 202	Secondary Education in India	2
EDU 203	Human Abilities and Measurement (HAM)	2
EDU 204	Practicum in HAM	2

BA Courses (Three Subjects of 4 Credit each as opted in Semester-I)			BSc Courses (Three Subjects of 4 Credit each as opted in Semester-I)		
Course Code	Course Title	Credits	Course Code	Course Title	Credits
ENG 201	Introduction to English Literature II: Understanding Drama	4	MTH 201	Linear Algebra and ODE	4
HIN 201	हिंदी कथासाहित्य: उद्भव, विकास एवं पाठ (कहानी एवं उपन्यास)	4	PHY 201	Electricity and Magnetism – 3 credit + Practical – 1 Credit	4
URD 201	Important Centres of Urdu Literature	4	CHE 201	ORGANIC CHEMISTRY	4 (3L+1P)
ECO 201	Macroeconomics	4	ALS 201	Molecular Biology & Immunology	4(3L+1P)
PSC 201	Indian Political Thought	4	PTS 201	Ecology & Environmental Biology	4(3L+1P)
GEO 201	Geography of India	4			
HIS 201	Modern Indian History 1757 to 1857	4			

### Semester – IV

#### Education Courses (8 Credits)

Course Code	Course Title	Credits
EDU 251	ICT in Education	4
EDU 252	Assessment of Learning	2
EDU 253	Educational Statistics	2

BA Courses (Three Subjects of 4 Credit each as opted in Semester-I)			BSc Courses (Three Subjects of 4 Credit each as opted in Semester-I)		
Course Code	Course Title	Credits	Course Code	Course Title	Credits
ENG 251	Introduction to English Literature III: Understanding Prose-Fiction	4	MTH 251	Analysis- II	4
HIN 251	आधुनिक हिंदी काव्य	4	PHY 251	Optics and Lasers - 3 credit + Practical – 1 Credit	4

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URD 251	Grammar, Rhetoric and Prosody	4	CHE 251	PHYSICAL CHEMISTRY-I: THERMODYNAMICS, EQUILIBRIUM AND SOLUTIONS	4 (3L+1P)
ECO 251	<i>Indian Economy: Problems and Prospects</i>	4	ALS 251	Animal Biodiversity	4(3L+1P)
PSC 251	International Relations From 1914 to the Present	4	PTS 251	Plant Biodiversity	4(3L+1P)
GEO 251	Evolution of Geographical Thought	4			
HIS 251	Modern Western Civilization 1776 to 1945	4			

### Semester – V

#### Education Courses (10 Credits)

Course Code	Course Title	Credits			
EDU 301	Curriculum Development	2			
EDU 302	Pedagogy of Subjects – I	2			
EDU 303	Pedagogy of Subjects – II	2			
EDU 304	Education and Value Inculcation	2			
EDU 305	Yoga Education	1			
EDU306	Community Awareness and Participation	1			
BA Courses (Any two Subjects of 6 Credit each out of the three subjects opted in Semester-I)		Credits	BSc Courses (Any two Subjects of 6 Credit each out of the three subjects opted in Semester-I)		Credits
Course Code	Course Title		Course Code	Course Title	
ENG 301	History of English Language and Literature I	3	MTH 301	Algebra 1	3
ENG 302	Novels in English	3	MTH 302	Differential Equations	3
HIN 301	काव्यशास्त्र: भारतीय एवं पाश्चात्य	3	PHY 301	Electronics - 3 credit + Practical – 1 Credit	4
HIN 302	हिंदी निबंध एवं आलोचना	3	PHY 302	Kinetic Theory & Statistical Mechanics	2
URD 301	Literary Personalities (Creative Writers)	3	CHE301	TRANSITION ELEMENTS AND COORDINATION COMPOUNDS	2(2L)
URD 302	Literary Personalities (Non-Creative Writers)	3			
ECO 301	<i>Elements of Statistics for Economic Analysis</i>	3	CHE302	Chemicals Kinetics and Surface Phenomena	2(2L)
ECO 302	<i>Elements of Mathematics for Economic Analysis</i>	3	CHE303	Chemistry Practical	2(2P)
PSC 301	Western Political Thought	3	ALS 301	Animal Behaviour & Applied Animal Science	6(4L+2P)
PSC 302	Comparative Government and Politics	3	PTS 301	Plant Pathology & Applied Plant Science	6(4L+2P)

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GEO 301	Human Geography	3
GEO 302	Environmental Geography	3
HIS 301	Historiography	3
HIS 302	History of Indian National Movements 1858 to 1947	3

### Semester – VI

#### Education Courses (12Credits)

Course Code	Course Title	Credits
EDU 351	Pedagogy of Subjects – I	2
EDU 352	Pedagogy of Subjects – II	2
EDU 353	Practicum : School Observation	2
EDU 354	Micro Teaching	2
EDU 355	School Management	2
EDU356	Gender, School and Society	2

BA Courses (Two Subjects of 6 Credit each as opted in Semester-V)		Credits	BSc Courses (Two Subjects of 6 Credit each as opted in Semester-V)		Credits
Course Code	Course Title		Course Code	Course Title	
ENG351	History of English Language and Literature II	3	MTH 351	Analysis III	3
ENG 352	Indian English Poetry and Drama	3	MTH 352	Coordinate Geometry and Complex Analysis	3
HIN 351	विविध गद्य-रूप	3	PHY 351	Quantum Mechanics - 3 credit + Practical – 1 Credit	4
HIN 352	प्रयोजनमूलक हिंदी	3	PHY 352	Relativity	2
URD 351	Critical and Biographical study of the prescribed Authors and their works	3	CHE302	CHEMICAL KINETICS AND SURFACE PHENOMENA	2 (2L)
URD 352	Critical and Biographical study of the prescribed authors and their works (Prose)	3	CHE352	ORGANIC CHEMISTRY- III	2 (2L)
ECO 351	International Trade and Balance of Payments	3	CHE353	CHEMISTRY PRACTICAL	2(2P)
ECO 352	Growth and Development	3	ATS 351	Animal Physiology	6(4L+2P)
PSC 351	Basic Principles of Public Administration	3	PTS 351	Plant Physiology and Plant Development Biology	6(4L+2P)
PSC 352	India's Foreign Policy	3			
GEO 351	Economic Geography	3			
GEO 352	Geography of Development	3			
HIS 351	India and Contemporary world	3			
HIS 352	History of West Asia in 20 <sup>th</sup> Century	3			

### Semester – VII



Education Courses (12 Credits)		
Course Code	Course Title	Credits
EDU 401	Human Development	4
EDU 402	School Experience Programme – I	8

BA Courses (Two Subjects of 6 Credit each as opted in Semester-V)		Credits	BSc Courses (Two Subjects of 6 Credit each as opted in Semester-V)		Credits
Course Code	Course Title		Course Code	Course Title	
ENG 401	Literary Criticism	3	MTH 401	Algebra II	3
ENG 402	Indian English Novel	3	MTH 402	Programming in C with Numerical Methods	3
HIN 401	नाटक एवं रंगमंच	3	PHY 401	Atomic & Molecular Physics – 3 credit + Practical – 1 Credit	4
HIN 402	अनुवाद: सिद्धांत एवं अनुप्रयोग	3	PHY 402	Electrodynamics and Plasma Physics	2
URD 401	Explanation and Analytical study of Creative writings from prescribed text books (Poetry)	3	CHE-401	ELECTROCHEMISTRY-I (Including redox chemistry)	2 (2L)
URD 402	Explanation and Analytical study of Creative Writings from prescribed text books (Prose)	3	CHE-402	Electrochemistry – II And photochemistry	2 (2L)
ECO 401	Public Finance	3	CHE-403	Chemistry Practical	2(2P)
ECO 402	Money, Financial Institutions and Markets	3	ALS 401	Developmental Biology & Endocrinology	6(4L+2P)
PSC 401	United Nations Organisation	3	PTS 401	Microbiology	6(4L+2P)
PSC 402	Issues in Indian Politics	3			
GEO 401	Agricultural Geography	3			
GEO 402	Urban Geography	3			
HIS 401	History of far East Asia in 20 <sup>th</sup> Century	3			
HIS 402	History of South East Asia in 20 <sup>th</sup> Century	3			

Semester – VIII Education Courses (14Credits)		
Course Code	Course Title	Credits
EDU 451	School Experience Programme – II	8
EDU 452	Reflective Journal	2
EDU 453	Inclusive Education	2
EDU ***	Elective – II	2

BA Courses (Two Subjects of 6 Credit each as opted in Semester-V)		Credits	BSc Courses (Two Subjects of 6 Credit each as opted in Semester-V)		Credits
Course	Course Title		Course	Course Title	

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Code			Code		
ENG 451	Introduction to Contemporary Literary Theory and Practical Criticism	3	MTH 451	Probability and Statistics	3
ENG ***	Elective Course	3	MTH ***	Elective - I	3
HIN 451	भारतीय साहित्य एवं हिंदी का लोकसाहित्य	3	PHY 451	Solid State Physics - 3 credit + Practical – 1 Credit	4
HIN 452	स्मकालीन हिंदी साहित्य	3	PHY 452	Nuclear Physics	2
URD 451	Dissertation	6	CHE451	SPECTROSCOPY AND NATURAL PRODUCTS	2 (2L)
			CHE452	DYES, DRUGS, MACROMOLECULES AND HETEROCYCLICS	2 (2L)
ECO ***	Elective -I	3	CHE453	CHEMISTRY PRACTICAL	2(2P)
ECO ***	Elective-II	3	ALS 451	Animal Biotechnology & Project Work	6(4+2)
PSC 451	Regional Organizations	3	PTS 451	Plant Biotechnology & Project Work	6(4+2)
PSC 452	Gandhian Philosophy and Action	3			
GEO 451	Remote Sensing and Geographical Information System	3			
GEO 452	Field Study and Project Report	3			
HIS 451	History of U.S.A. in 20 <sup>th</sup> Century	3			
HIS 452	History of U.S.S.R in 20 <sup>th</sup> Century	3			

#### Elective Basket of Education (Semester – VIII)

Course Code	Course Title	Credits
EDU 454	Guidance and Counselling	2
EDU 455	Population Education	2
EDU 456	Education of Children with Special need	2
EDU 457	Distance Education and Open Learning	2

#### Elective Basket of Mathematics (Semester – VIII)

(Any One electives from the following)

MTH 452	Linear Programing	3
MTH 453	Discrete Mathematics	3
MTH 454	Graph Theory	3
MTH 455	Number Theory	3
MTH 456	Statistics and Dynamics	3
MTH 457	Mechanics	3

#### Elective Basket of Economics (Semester – VIII)

(Any two electives from the following)

ECO 451	Environmental Economics	3
ECO 452	Basic Econometrics	3
ECO 453	Financial Economics	3
ECO 454	Human Development	3

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Elective Basket of English (Semester – VIII)		
(Any One electives from the following)		
ENG 452	American Literature	3
ENG 453	Literature and Nature	3
ENG 454	Women's Literature	3
ENG 455	Language and Linguistics	3

*Note: In case of any typing error in nomenclature/code/credits of courses of BA/BSc component, the information recorded with concerned subject department will be treated as final.*

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## School of Education Central University of South Bihar

### BA.BEd and BSc.BEd Programme (Total VIII Semesters)

#### Course Structure for 2014-18 Batch

Semester – I		
Education Courses (8 Credits)		
Course Code	Course Title	Credits
EDU 101	Language Proficiency	2
EDU 102	Holistic Education	2
EDU 103	Indian Society, Education and Development	4
Semester – II		
Education Courses (8 Credits)		
Course Code	Course Title	Credits
EDU 151	Language Proficiency	2
EDU 152	Environmental Education	2
EDU 153	Cognitive Psychology	2
EDU 154	Basics in Education	2
Semester – III		
Education Courses (8 Credits)		
Course Code	Course Title	Credits
EDU 201	Psychology of learning and Learner	2
EDU 202	Secondary Education in India	2
EDU 203	Human Abilities and Measurement (HAM)	2
EDU 204	Practicum in HAM	2
Semester – IV		
Education Courses (8 Credits)		
Course Code	Course Title	Credits
EDU 251	ICT in Education	4
EDU 252	Assessment of Learning	2
EDU 253	Educational Statistics	2

Semester – V		
Education Courses (8 Credits)		
Course Code	Course Title	Credits
EDU 301	Curriculum Development	2
EDU 302	Pedagogy of Subjects – I	2
EDU 303	Pedagogy of Subjects – II	2
EDU 304	Education and Value Incultation	2

Semester – VI		
Education Courses (14 Credits)		
Course	Course Title	Credits

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Code		
EDU 351	Pedagogy of Subjects – I	2
EDU 352	Pedagogy of Subjects – II	2
*EDU 353	Practicum : School Observation	2(1+1*)
*EDU 354	Micro Teaching	2(1+1*)
EDU 355	School Management	2
*EDU356	Yoga Education	1
*EDU357	Community Awareness and Participation	1
*EDU358	Gender, School and Society	2

#### Semester – VII

##### Education Courses (12Credits)

Course Code	Course Title	Credits
EDU 401	Human Development	4
*EDU 402	School Experience Programme – I	8(4+4*)

#### Semester – VIII

##### Education Courses (14 Credits)

Course Code	Course Title	Credits
*EDU 451	School Experience Programme – II	8(2+6*)
EDU 452	Reflective Journal	2
EDU 453	Inclusive Education	2
EDU #	Elective	2

#### #Elective Basket of Education (Semester – VIII)

Course Code	Course Title	Credits
EDU 454	Guidance and Counselling	2
EDU 455	Population Education	2
EDU 456	Education of Children with Special need	2
EDU 457	Distance Education and Open Learning	2

#### \*Additional Credit Courses

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**School of Education**  
**Central University of South Bihar**  
**BA.BEd and BSc.BEd Programme (Total VIII Semesters)**  
**Course Structure for 2014-18 Batch**

**Semester – I**

**Education Courses (8 Credits)**

Course Code	Course Title	Credits
EDU 101	Language Proficiency	2
EDU 102	Holistic Education	2
EDU 103	Indian Society, Education and Development	4

**BA Courses**

(Three Subjects of 4 Credit each as per the regulations)

**BSc Courses**

(Three Subjects of 4 Credit each as per the regulations)

Course Code	Course Title	Credits	Course Code	Course Title	Credits
ENG 101	Introduction to English Language	4	MTH 101	Introductory Mathematics	4
HIN 101	हिंदीभाषा एवं साहित्य: उद्भव एवं विकास	4	PHY 101	Mechanics - 3 credit + Practical – 1 Credit	4
URD 101	Origin and Development of Urdu Language	4	CHE 101	ATOMIC STRUCTURE, BONDING AND FEATURES OF s- and p-BLOCK ELEMENTS	4 (3L+1P)
ECO 101	Basic Principles of Economics	4	ALS 101	Animal Taxonomy	4(3L+1P)
PSC 101	Basic Principles of Political Science	4	PTS 101	Plant Taxonomy	4 (3L+1P)
GEO 101	Physical Geography	4	CSC 101	Fundamental of Computer Sciences	4
SOC 101	Introduction to Sociology	4			
HIS 101	Ancient Indian History upto 1206 A.D.	4			

**Semester – II**

**Education Courses (8 Credits)**

Course Code	Course Title	Credits
EDU 151	Language Proficiency	2
EDU 152	Environmental Education	2
EDU 153	Cognitive Psychology	2
EDU 154	Basics in Education	2

**BA Courses**

(Three Subjects of 4 Credit each as opted in Semester-I)

**BSc Courses**

(Three Subjects of 4 Credit each as opted in semester-I)

Course Code	Course Title	Credits	Course Code	Course Title	Credits
ENG 151	Introduction to English Literature I: Understanding Poetry	4	MTH 151	Analysis-I	4
HIN 151	प्राचीन एवं मध्यकालीनकाव्य	4	PHY 151	Elasticity, Waves, Thermodynamics - 3 credit + Practical – 1	4

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URD 151	History, Socio Cultural Influence, Schools, movements and trends of Urdu Languages and Literature	4	CHE 151	Credit STATES OF MATTER AND NUCLEAR CHEMISTRY	4 (3L+1P)
ECO 151	Microeconomics	4	ALS 151	Biochemistry & Cell Biology	4(3L+1P)
PSC 151	Indian Political System: Provisions and Functioning	4	PTS 151	Genetics & Evolution	4(3L+1P)
GEO 151	Climatology and Oceanography	4	CSC 151	Data Structures (using "C")	4
SOC 151	Social Change and Social Control	4			
HIS 151	Medieval Indian History 1206 to 1756	4			

### Semester – III

#### Education Courses (8 Credits)

Course Code	Course Title	Credits
EDU 201	Psychology of learning and Learner	2
EDU 202	Secondary Education in India	2
EDU 203	Human Abilities and Measurement (HAM)	2
EDU 204	Practicum in HAM	2

BA Courses (Three Subjects of 4 Credit each as opted in Semester-I)			BSc Courses (Three Subjects of 4 Credit each as opted in Semester-I)		
Course Code	Course Title	Credits	Course Code	Course Title	Credits
ENG 201	Introduction to English Literature II: Understanding Drama	4	MTH 201	Linear Algebra and ODE	4
HIN 201	हिंदी कथासाहित्य: उद्भव, विकास एवं पाठ (कहानी एवं उपन्यास)	4	PHY 201	Electricity and Magnetism – 3 credit + Practical – 1 Credit	4
URD 201	Important Centres of Urdu Literature	4	CHE 201	ORGANIC CHEMISTRY	4 (3L+1P)
ECO 201	Macroeconomics	4	ALS 201	Molecular Biology & Immunology	4(3L+1P)
PSC 201	Indian Political Thought	4	PTS 201	Ecology & Environmental Biology	4(3L+1P)
GEO 201	Geography of India	4	CSC 201	Mathematical Foundations of Computer Science	4
SOC 201	Indian Society: Issues and Problems	4			
HIS 201	Modern Indian History 1757 to 1857	4			

### Semester – IV

#### Education Courses (8 Credits)



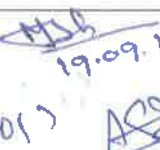
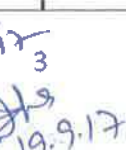
Course Code	Course Title	Credits
EDU 251	ICT in Education	4
EDU 252	Assessment of Learning	2

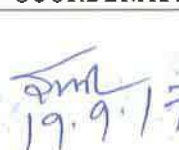
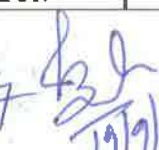
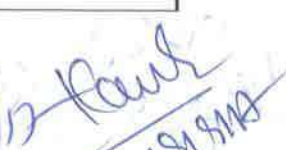
EDU 253	Educational Statistics				2
BA Courses (Three Subjects of 4 Credit each as opted in Semester-I)			BSc Courses (Three Subjects of 4 Credit each as opted in Semester-I)		
Course Code	Course Title	Credits	Course Code	Course Title	Credits
ENG 251	Introduction to English Literature III: Understanding Prose-Fiction	4	MTH 251	Analysis- II	4
HIN 251	आधुनिक हिंदी काव्य	4	PHY 251	Optics and Lasers - 3 credit + Practical – 1 Credit	4
URD 251	Grammar, Rhetoric and Prosody	4	CHE 251	PHYSICAL CHEMISTRY-I: THERMODYNAMICS, EQUILIBRIUM AND SOLUTIONS	4 (3L+1P)
ECO 251	Indian Economy: Problems and Prospects	4	ALS 251	Animal Biodiversity	4(3L+1P)
PSC 251	History of International Relations (From 1st World War to Till Now))	4	PTS 251	Plant Biodiversity	4(3L+1P)
GEO 251	Evolution of Geographical Thought	4	CSC 251	Operating Systems	4
SOC 251	Sociological Thought	4			
HIS 251	Modern Western Civilization 1776 to 1945	4			

### Semester – V

#### Education Courses (8 Credits)

Course Code	Course Title	Credits
EDU 301	Curriculum Development	2
EDU 302	Pedagogy of Subjects – I	2
EDU 303	Pedagogy of Subjects – II	2
EDU 304	Education and Value Inculcation	2
BA Courses (Any two Subjects of 6 Credit each out of the three subjects opted in Semester-I)		Credits
Course Code	Course Title	Credits
ENG 301	History of English Language and Literature I	3
ENG 302	Novels in English	3
HIN 301	काव्यशास्त्र: भारतीय एवं पाश्चात्य	3
HIN 302	हिंदी निबंध एवं आलोचना	3
URD 301	Literary Personalities (Creative Writers)	3
BSc Courses (Any two Subjects of 6 Credit each out of the three subjects opted in Semester-I)		Credits
Course Code	Course Title	Credits
MTH 301	Algebra I	3
MTH 302	Differential Equations	3
PHY 301	Electronics - 3 credit + Practical – 1 Credit	4
PHY 302	Kinetic Theory & Statistical Mechanics	2
CHE301	TRANSITION ELEMENTS AND COORDINATION	2 (2L)

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				COMPOUNDS	
URD 302	Literary Personalities (Non-Creative Writers)	3			
ECO 301	<i>Elements of Statistics for Economic Analysis</i>	3	CHE302	Chemicals Kinetics and Surface Phenomena	2 (2L)
ECO 302	<i>Elements of Mathematics for Economic Analysis</i>	3	CHE303	Chemistry Practical	2 (2P)
PSC 301	Western Political Thought	3	ALS 301	Animal Behaviour & Applied Animal Science	6(4L+2P)
PSC 302	Comparative Government and Politics	3	PTS 301	Plant Pathology & Applied Plant Science	6(4L+2P)
GEO 301	Human Geography	3	CSC 301	Computer Network	3
GEO 302	Environmental Geography	3	CSC 302	Database Management Systems	3
SOC 301	Society and Religion	3			
SOC 302	Social Movement	3			
HIS 301	Historiography	3			
HIS 302	History of Indian National Movements 1858 to 1947	3			

### Semester – VI

#### Education Courses (14 Credits)

Course Code	Course Title	Credits
EDU 351	Pedagogy of Subjects – I	2
EDU 352	Pedagogy of Subjects – II	2
EDU 353	Practicum : School Observation	2
EDU 354	Micro Teaching	2
EDU 355	School Management	2
EDU356	Yoga Education	1
EDU357	Community Awareness and Participation	1
EDU358	Gender, School and Society	2

BA Courses (Two Subjects of 6 Credit each as opted in Semester-V)		Credits	BSc Courses (Two Subjects of 6 Credit each as opted in Semester-V)		Credits
Course Code	Course Title		Course Code	Course Title	
ENG351	History of English Language and Literature II	3	MTH 351	Analysis III	3
ENG 352	Indian English Poetry and Drama	3	MTH 352	Coordinate Geometry and Complex Analysis	3
HIN 351	विविध गद्य-रूप	3	PHY 351	Quantum Mechanics - 3 credit + Practical – 1 Credit	4
HIN 352	प्रयोजनमूलक हिंदी	3	PHY 352	Relativity	2
URD 351	Critical and Biographical study of the prescribed Authors and their works	3	CHE302	CHEMICAL KINETICS AND SURFACE PHENOMENA	2 (2L)
URD 352	Critical and Biographical study of the prescribed authors and their works	3	CHE352	ORGANIC CHEMISTRY- III	2 (2L)

	(Prose)				
ECO 351	<i>International Trade and Balance of Payments</i>	3	CHE353	CHEMISTRY PRACTICAL	2 (2P)
ECO 352	<i>Growth and Development</i>	3	ATS 351	Animal Physiology	6(4L+2P)
PSC 351	Basic Principles of Public Administration	3	PTS 351	Plant Physiology and Plant Development Biology	6(4L+2P)
PSC 352	India's Foreign Policy	3	CSC 351	Web Technology & Web Programming	3
GEO 351	Economic Geography	3	CSC 352	Software Engineering	3
GEO 352	Geography of Development	3			
SOC 351	Sociology of Gender	3			
SOC 352	Political Sociology	3			
HIS 351	India and Contemporary world	3			
HIS 352	History of West Asia in 20 <sup>th</sup> Century	3			

### Semester – VII

#### Education Courses (12Credits)

Course Code	Course Title	Credits
EDU 401	Human Development	4
EDU 402	School Experience Programme – I	8

BA Courses (Two Subjects of 6 Credit each as opted in Semester-V)		Credits	BSc Courses (Two Subjects of 6 Credit each as opted in Semester-V)		Credits
Course Code	Course Title		Course Code	Course Title	
ENG 401	Literary Criticism	3	MTH 401	Algebra II	3
ENG 402	Indian English Novel	3	MTH 402	Programming in C with Numerical Methods	3
HIN 401	नाटक एवं रंगमंच	3	PHY 401	Atomic & Molecular Physics – 3 credit + Practical – 1 Credit	4
HIN 402	अनुवाद: सिद्धांत एवं अनुप्रयोग	3	PHY 402	Electrodynamics and Plasma Physics	2
URD 401	Explanation and Analytical study of Creative writings from prescribed text books (Poetry)	3	CHE-401	ELECTROCHEMISTRY-I (Including redox chemistry)	2 (2L)
URD 402	Explanation and Analytical study of Creative Writings from prescribed text books (Prose)	3	CHE-402	Electrochemistry – II And photochemistry	2 (2L)
ECO 401	<i>Public Finance</i>	3	CHE-403	Chemistry Practical	2 (2P)
ECO 402	<i>Money, Financial Institutions and Markets</i>	3	ALS 401	Developmental Biology & Endocrinology	6(4L+2P)
PSC 401	United Nations Organisation	3	PTS 401	Microbiology	6(4L+2P)
PSC 402	Contemporary Issues-Human Rights, Gender and Child	3	CSC 401	Computer Architecture	3

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GEO 401	Agricultural Geography	3	CSC 402	Design and Analysis of Algorithm	3
GEO 402	Urban Geography	3			
SOC 401	Methods of Social Research	3			
SOC 402	Environment and Society	3			
HIS 401	History of far East Asia in 20 <sup>th</sup> Century	3			
HIS 402	History of South East Asia in 20 <sup>th</sup> Century	3			

### Semester – VIII

#### Education Courses (14 Credits)

Course Code	Course Title	Credits
EDU 451	School Experience Programme – II	8
EDU 452	Reflective Journal	2
EDU 453	Inclusive Education	2
EDU ***	Elective – II	2

BA Courses (Two Subjects of 6 Credit each as opted in Semester-V)		Credits	BSc Courses (Two Subjects of 6 Credit each as opted in Semester-V)		Credits
Course Code	Course Title		Course Code	Course Title	
ENG 451	Introduction to Contemporary Literary Theory and Practical Criticism	3	MTH 451	Probability and Statistics	3
ENG ***	Elective Course	3	MTH ***	Elective - I	3
HIN 451	भारतीय साहित्य एवं हिंदी का लोकसाहित्य	3	PHY 451	Solid State Physics - 3 credit + Practical – 1 Credit	4
HIN 452	समकालीन हिंदी साहित्य	3	PHY 452	Nuclear Physics	2
URD 451	Dissertation	6	CHE451	SPECTROSCOPY AND NATURAL PRODUCTS	2 (2L)
			CHE452	DYES, DRUGS, MACROMOLECULES AND HETEROCYCLICS	2 (2L)
ECO ***	Elective -I	3	CHE453	CHEMISTRY PRACTICAL	2 (2P)
ECO ***	Elective-II	3	ALS 451	Animal Biotechnology & Project Work	6(4+2)
PSC 451	Role of Regional Organisations in International Relations	3	PTS 451	Plant Biotechnology & Project Work	6(4+2)
PSC 452	Gandhian Philosophy and Action	3	CSC 451	Object Oriented Programming using JAVA	3
GEO 451	Remote Sensing and Geographical Information System	3	CSC 452	Mini Project	3
GEO 452	Field Study and Project Report	3			
SOC 451	Moorings of Indian Society	3			



SOC 452	Indian Society in Transition	3			
HIS 451	History of U.S.A. in 20 <sup>th</sup> Century	3			
HIS 452	History of U.S.S.R in 20 <sup>th</sup> Century	3			

#### Elective Basket of Education (Semester – VIII)

Course Code	Course Title	Credits
EDU 454	Guidance and Counselling	2
EDU 455	Population Education	2
EDU 456	Education of Children with Special need	2
EDU 457	Distance Education and Open Learning	2

#### Elective Basket of Mathematics (Semester – VIII)

(Any One electives from the following)

MTH 452	Linear Programing	3
MTH 453	Discrete Mathematics	3
MTH 454	Graph Theory	3
MTH 455	Number Theory	3
MTH 456	Statistics and Dynamics	3
MTH 457	Mechanics	3

#### Elective Basket of Economics (Semester – VIII)

(Any two electives from the following)

ECO 451	<i>Environmental Economics</i>	3
ECO 452	<i>Basic Econometrics</i>	3
ECO 453	<i>Financial Economics</i>	3
ECO 454	<i>Human Development</i>	3

#### Elective Basket of English (Semester – VIII)

(Any One electives from the following)

ENG 452	American Literature	3
ENG 453	Literature and Nature	3
ENG 454	Women's Literature	3
ENG 455	Language and Linguistics	3

Note: In case of any typing error in nomenclature/code/credits of courses of BA/BSc component, the information recorded with concerned subject department will be treated as final.

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**School of Education**  
**Central University of South Bihar**  
**BA.BEd and BSc.BEd Programme (Total VIII Semesters)**  
**Course Structure for 2013-17 Batch**

Semester – I		
Education Courses (8 Credits)		
Course Code	Course Title	Credits
EDU 101	Language Proficiency	2
EDU 102	Holistic Education	2
EDU 103	Indian Society, Education and Development	4
Semester – II		
Education Courses (8 Credits)		
Course Code	Course Title	Credits
EDU 151	Language Proficiency	2
EDU 152	Environmental Education	2
EDU 153	Cognitive Psychology	2
EDU 154	Basics in Education	2
Semester – III		
Education Courses (8 Credits)		
Course Code	Course Title	Credits
EDU 201	Psychology of learning and Learner	2
EDU 202	Secondary Education in India	2
EDU 203	Human Abilities and Measurement (HAM)	2
EDU 204	Practicum in HAM	2
Semester – IV		
Education Courses (8 Credits)		
Course Code	Course Title	Credits
EDU 251	ICT in Education	4
EDU 252	Assessment of Learning	2
EDU 253	Educational Statistics	2

Semester – V		
Education Courses (8 Credits)		
Course Code	Course Title	Credits
EDU 301	Curriculum Development	2
EDU 302	Pedagogy of Subjects – I	2
EDU 303	Pedagogy of Subjects – II	2
EDU 304	Education and Value Inculcation	2

Semester – VI		
Education Courses (8 Credits)		
Course	Course Title	Credits

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Code		
EDU 351	Pedagogy of Subjects – I	2
EDU 352	Pedagogy of Subjects – II	2
EDU 353	Practicum : School Observation	1
EDU 354	Micro Teaching	1
EDU 355	School Management	2

Semester – VII		
Education Courses (16 Credits)		
Course Code	Course Title	Credits
EDU 401	Human Development	4
*EDU 402	School Experience Programme – I	10(4+6*)
*EDU 403	Yoga Education	1
*EDU 404	Community Awareness and Participation	1

Semester – VIII		
Education Courses (16 Credits)		
Course Code	Course Title	Credits
*EDU 451	School Experience Programme – II	8(2+6*)
EDU 452	Reflective Journal	2
EDU 453	Inclusive Education	2
EDU#	Elective	2
*EDU458	Gender School & Society	2

#### #Elective Basket of Education (Semester – VIII)

Course Code	Course Title	Credits
EDU 454	Guidance and Counselling	2
EDU 455	Population Education	2
EDU 456	Education of Children with Special need	2
EDU 457	Distance Education and Open Learning	2

#### \*Additional Credit Courses



**School of Education**  
**Central University of South Bihar**  
**BA.BEd and BSc.BEd Programme (Total VIII**  
**Semesters)**

**Course Structure for 2013-17 Batch**

**Semester – I**

**Education Courses (8 Credits)**

Course Code	Course Title	Credits
EDU 101	Language Proficiency	2
EDU 102	Holistic Education	2
EDU 103	Indian Society, Education and Development	4

**BA Courses**

(Three Subjects of 4 Credit each as per the regulations)

**BSc Courses**

(Three Subjects of 4 Credit each as per the regulations)

Course Code	Course Title	Credits	Course Code	Course Title	Credits
ENG 101	Introduction to English Language	4	MTH 101	Introductory Mathematics	4
HIN 101	हिंदीभाषा एवं साहित्य: उद्भव एवं विकास	4	PHY 101	Mechanics - 3 credit + Practical – 1 Credit	4
URD 101	Origin and Development of Urdu Language	4	CHE 101	ATOMIC STRUCTURE, BONDING AND FEATURES OF s- and p-BLOCK ELEMENTS	4 (3L+1P)
ECO 101	Basic Principles of Economics	4	ALS 101	Animal Taxonomy	4(3L+1P)
PSC 101	Basic Principles of Political Science	4	PTS 101	Plant Taxonomy	4 (3L+1P)
GEO 101	Physical Geography	4	CSC 101	Fundamental of Computer Sciences	4
SOC 101	Introduction to Sociology	4			
HIS 101	Ancient Indian History upto 1206 A.D.	4			

**Semester – II**

**Education Courses (8 Credits)**

Course Code	Course Title	Credits
EDU 151	Language Proficiency	2
EDU 152	Environmental Education	2
EDU 153	Cognitive Psychology	2
EDU 154	Basics in Education	2

**BA Courses**

(Three Subjects of 4 Credit each as opted in Semester-I)

**BSc Courses**

(Three Subjects of 4 Credit each as opted in semester-I)

Course Code	Course Title	Credits	Course Code	Course Title	Credits
ENG 151	Introduction to English Literature I: Understanding Poetry	4	MTH 151	Analysis-I	4
HIN 151	प्राचीन एवं मध्यकालीनकाव्य	4	PHY 151	Elasticity, Waves, Thermodynamics - 3	4

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				credit + Practical – 1 Credit	
URD 151	History, Socio Cultural Influence, Schools, movements and trends of Urdu Languages and Literature	4	CHE 151	STATES OF MATTER AND NUCLEAR CHEMISTRY	4 (3L+1P)
ECO 151	Microeconomics	4	ALS 151	Biochemistry & Animal Physiology I	4(3L+1P)
PSC 151	Indian Political System: Provisions and Functioning	4	PTS 151	Plant Cell Biology & BioChemistry	4(3L+1P)
GEO 151	Climatology and Oceanography	4	CSC 151	Data Structures (using "C")	4
SOC 151	Social Change and Social Control	4			
HIS 151	Medieval Indian History 1206 to 1756	4			

### Semester – III

#### Education Courses (8 Credits)

Course Code	Course Title	Credits
EDU 201	Psychology of learning and Learner	2
EDU 202	Secondary Education in India	2
EDU 203	Human Abilities and Measurement (HAM)	2
EDU 204	Practicum in HAM	2

BA Courses (Three Subjects of 4 Credit each as opted in Semester-I)			BSc Courses (Three Subjects of 4 Credit each as opted in Semester-I)		
Course Code	Course Title	Credits	Course Code	Course Title	Credits
ENG 201	Introduction to English Literature II: Understanding Drama	4	MTH 201	Linear Algebra and ODE	4
HIN 201	हिंदी कथासाहित्य: उद्भव, विकास एवं पाठ (कहानी एवं उपन्यास)	4	PHY 201	Electricity and Magnetism – 3 credit + Practical – 1 Credit	4
URD 201	Important Centres of Urdu Literature	4	CHE 201	ORGANIC CHEMISTRY	4 (3L+1P)
ECO 201	Macroeconomics	4	ALS 201	Microbes & Animal Biodiversity I	4(3L+1P)
PSC 201	Indian Political Thought	4	PTS 201	Microbes & Plant Biodiversity I	4(3L+1P)
GEO 201	Geography of India	4	CSC 201	Mathematical Foundations of Computer Science	4
SOC 201	Indian Society: Issues and Problems	4			
HIS 201	Modern Indian History 1757 to 1857	4			

### Semester – IV

#### Education Courses (8 Credits)

Course Code	Course Title	Credits
EDU 251	ICT in Education	4



EDU 252	Assessment of Learning				2
EDU 253	Educational Statistics				2
BA Courses (Three Subjects of 4 Credit each as opted in Semester-I)			BSc Courses (Three Subjects of 4 Credit each as opted in Semester-I)		
Course Code	Course Title	Credits	Course Code	Course Title	Credits
ENG 251	Introduction to English Literature III: Understanding Prose-Fiction	4	MTH 251	Analysis- II	4
HIN 251	आधुनिक हिंदी काव्य	4	PHY 251	Optics and Lasers - 3 credit + Practical - 1 Credit	4
URD 251	Grammar, Rhetoric and Prosody	4	CHE 251	PHYSICAL CHEMISTRY-I: THERMODYNAMICS, EQUILIBRIUM AND SOLUTIONS	4 (3L+1P)
ECO 251	Indian Economy: Problems and Prospects	4	ALS 251	Animal Biodiversity II & Animal Physiology II	4(3L+1P)
PSC 251	History of International Relations (From 1st World War to Till Now))	4	PTS 251	Ecology & Environmental Biology	4(3L+1P)
GEO 251	Evolution of Geographical Thought	4	CSC 251	Operating Systems	4
SOC 251	Sociological Thought	4			
HIS 251	Modern Western Civilization 1776 to 1945	4			

Semester – V					
Education Courses (8 Credits)					
Course Code	Course Title				Credits
EDU 301	Curriculum Development				2
DU 302	Pedagogy of Subjects – I				2
EDU 303	Pedagogy of Subjects – II				2
EDU 304	Education and Value Inculcation				2
BA Courses (Any two Subjects of 6 Credit each out of the three subjects opted in Semester-I)		Credits	BSc Courses (Any two Subjects of 6 Credit each out of the three subjects opted in Semester-I)		Credits
Course Code	Course Title		Course Code	Course Title	
ENG 301	History of English Language and Literature I	3	MTH 301	Algebra 1	3
ENG 302	Novels in English	3	MTH 302	Differential Equations	3
HIN 301	काव्यशास्त्र: भारतीय एवं पाश्चात्य	3	PHY 301	Electronics - 3 credit + Practical – 1 Credit	4
HIN 302	हिंदी निबंध एवं आलोचना	3	PHY 302	Kinetic Theory & Statistical Mechanics	2
URD 301	Literary Personalities (Creative Writers)	3	CHE301	TRANSITION ELEMENTS AND	2 (2L)

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				COORDINATION COMPOUNDS	
URD 302	Literary Personalities (Non-Creative Writers)	3			
ECO 301	<i>Elements of Statistics for Economic Analysis</i>	3	CHE302	Chemicals Kinetics and Surface Phenomena	2 (2L)
ECO 302	<i>Elements of Mathematics for Economic Analysis</i>	3	CHE303	Chemistry Practical	2 (2P)
PSC 301	Western Political Thought	3	ALS 301	Animal Behaviour & Economic Animals( Applied Biology) & Developmental Biology	6(4L+2P)
PSC 302	Comparative Government and Politics	3	PTS 301	Plant Biodiversity & Economic Plants( Applied Biology)	6(4L+2P)
GEO 301	Human Geography	3	CSC 301	Computer Network	3
GEO 302	Environmental Geography	3	CSC 302	Database Management Systems	3
SOC 301	Society and Religion	3			
SOC 302	Social Movement	3			
HIS 301	Historiography	3			
HIS 302	History of Indian National Movements 1858 to 1947	3			

### Semester – VI

#### Education Courses (8 Credits)

Course Code	Course Title	Credits
EDU 351	Pedagogy of Subjects – I	2
EDU 352	Pedagogy of Subjects – II	2
EDU 353	Practicum : School Observation	1
EDU 354	Micro Teaching	1
EDU 355	School Management	2

BA Courses (Two Subjects of 6 Credit each as opted in Semester-V)		Credits	BSc Courses (Two Subjects of 6 Credit each as opted in Semester-V)		Credits
Course Code	Course Title		Course Code	Course Title	
ENG351	History of English Language and Literature II	3	MTH 351	Analysis III	3
ENG 352	Indian English Poetry and Drama	3	MTH 352	Coordinate Geometry and Complex Analysis	3
HIN 351	विविध गद्य-रूप	3	PHY 351	Quantum Mechanics - 3 credit + Practical – 1 Credit	4
HIN 352	प्रयोजनमूलक हिंदी	3	PHY 352	Relativity	2
URD 351	Critical and Biographical study of the prescribed Authors and their works	3	CHE302	CHEMICAL KINETICS AND SURFACE PHENOMENA	2 (2L)
URD 352	Critical and Biographical study of the prescribed	3	CHE352	ORGANIC CHEMISTRY- III	2 (2L)

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	authors and their works (Prose)				
ECO 351	<i>International Trade and Balance of Payments</i>	3	CHE353	CHEMISTRY PRACTICAL	2 (2P)
ECO 352	<i>Growth and Development</i>	3	ATS 351	Immunology & Endocrinology	6(4L+2P)
PSC 351	Basic Principles of Public Administration	3	PTS 351	Genetics & Advanced Biochemistry	6(4L+2P)
PSC 352	India's Foreign Policy	3	CSC 351	Web Technology & Web Programming	3
GEO 351	Economic Geography	3	CSC 352	Software Engineering	3
GEO 352	Geography of Development	3			
SOC 351	Sociology of Gender	3			
SOC 352	Political Sociology	3			
HIS 351	India and Contemporary world	3			
HIS 352	History of West Asia in 20 <sup>th</sup> Century	3			

### Semester – VII

#### Education Courses (16 Credits)

Course Code	Course Title	Credits
EDU 401	Human Development	4
EDU 402	School Experience Programme – I	10
EDU356	Yoga Education	1
EDU357	Community Awareness and Participation	1

BA Courses (Two Subjects of 6 Credit each as opted in Semester-V)		Credits	BSc Courses (Two Subjects of 6 Credit each as opted in Semester-V)		Credits
Course Code	Course Title		Course Code	Course Title	
ENG 401	Literary Criticism	3	MTH 401	Algebra II	3
ENG 402	Indian English Novel	3	MTH 402	Programming in C with Numerical Methods	3
HIN 401	नाटक एवं रंगमंच	3	PHY 401	Atomic & Molecular Physics – 3 credit + Practical – 1 Credit	4
HIN 402	अनुवाद: सिद्धांत एवं अनुप्रयोग	3	PHY 402	Electrodynamics and Plasma Physics	2
URD 401	Explanation and Analytical study of Creative writings from prescribed text books (Poetry)	3	CHE-401	ELECTROCHEMISTRY-I (Including redox chemistry)	2 (2L)
URD 402	Explanation and Analytical study of Creative Writings from prescribed text books (Prose)	3	CHE-402	Electrochemistry – II And photochemistry	2 (2L)
ECO 401	<i>Public Finance</i>	3	CHE-403	Chemistry Practical	2 (2P)
ECO 402	<i>Money, Financial Institutions and Markets</i>	3	ALS 401	Molecular Biology, Instrumentation & Biological Techniques	6(4L+2P)

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PSC 401	United Nations Organisation	3	PTS 401	Plant Physiology & Developmental Biology	6(4L+2P)
PSC 402	Contemporary Issues-Human Rights, Gender and Child Rights	3	CSC 401	Computer Architecture	3
GEO 401	Agricultural Geography	3	CSC 402	Design and Analysis of Algorithm	3
GEO 402	Urban Geography	3			
SOC 401	Methods of Social Research	3			
SOC 402	Environment and Society	3			
HIS 401	History of far East Asia in 20 <sup>th</sup> Century	3			
HIS 402	History of South East Asia in 20 <sup>th</sup> Century	3			

### Semester – VIII

#### Education Courses (16 Credits)

Course Code	Course Title	Credits
EDU 451	School Experience Programme – II	8
EDU 452	Reflective Journal	2
EDU 453	Inclusive Education	2
EDU***	Elective	2
EDU458	Gender School & Society	2

BA Courses (Two Subjects of 6 Credit each as opted in Semester-V)		Credits	BSc Courses (Two Subjects of 6 Credit each as opted in Semester-V)		Credits
Course Code	Course Title		Course Code	Course Title	
ENG 451	Introduction to Contemporary Literary Theory and Practical Criticism	3	MTH 451	Probability and Statistics	3
ENG ***	Elective Course	3	MTH ***	Elective - I	3
HIN 451	भारतीय साहित्य एवं हिंदी का लोकसाहित्य	3	PHY 451	Solid State Physics - 3 credit + Practical – 1 Credit	4
HIN 452	स्मकालीन हिंदी साहित्य	3	PHY 452	Nuclear Physics	2
URD 451	Dissertation	6	CHE451	SPECTROSCOPY AND NATURAL PRODUCTS	2 (2L)
			CHE452	DYES, DRUGS, MACROMOLECULES AND HETEROCYCLICS	2 (2L)
ECO ***	Elective -I	3	CHE453	CHEMISTRY PRACTICAL	2 (2P)
ECO ***	Elective-II	3	ALS 451	Animal Biotechnology & Project Work	6(4+2)
PSC 451	Role of Regional Organisations in International Relations	3	PTS 451	Plant Biotechnology & Project Work	6(4+2)
PSC 452	Gandhian Philosophy and Action	3	CSC 451	Object Oriented Programming using JAVA	3

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GEO 451	Remote Sensing and Geographical Information System	3	CSC 452	Mini Project	3
GEO 452	Field Study and Project Report	3			
SOC 451	Moorings of Indian Society	3			
SOC 452	Indian Society in Transition	3			
HIS 451	History of U.S.A. in 20 <sup>th</sup> Century	3			
HIS 452	History of U.S.S.R in 20 <sup>th</sup> Century	3			

#### Elective Basket of Education (Semester – VIII)

Course Code	Course Title	Credits
EDU 454	Guidance and Counselling	2
EDU 455	Population Education	2
EDU 456	Education of Children with Special need	2
EDU 457	Distance Education and Open Learning	2

#### Elective Basket of Mathematics (Semester – VIII)

(Any One electives from the following)

MTH 452	Linear Programing	3
MTH 453	Discrete Mathematics	3
MTH 454	Graph Theory	3
MTH 455	Number Theory	3
MTH 456	Statistics and Dynamics	3
MTH 457	Mechanics	3

#### Elective Basket of Economics (Semester – VIII)

(Any two electives from the following)

ECO 451	<i>Environmental Economics</i>	3
ECO 452	<i>Basic Econometrics</i>	3
ECO 453	<i>Financial Economics</i>	3
ECO 454	<i>Human Development</i>	3

#### Elective Basket of English (Semester – VIII)

(Any One electives from the following)

ENG 452	American Literature	3
ENG 453	Literature and Nature	3
ENG 454	Women's Literature	3
ENG 455	Language and Linguistics	3

Note: In case of any typing error in nomenclature/code/credits of courses of BA/BSc component, the information recorded with concerned subject department will be treated as final.


  
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