



ज्ञान-विज्ञान विमुक्तये



# NATIONAL EDUCATION POLICY 2020 AT A GLANCE

**One Day District Level Sensitization Program on NEP 2020**

**At**

**Mahesh Baghel Ji Keshkal Govt. College,  
Keshkal, District- Kondagaon (C.G.)**

**On 03<sup>rd</sup> of July, 2024**

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**Presented By**

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# TOPICS TO BE DISCUSSED...

- Introduction
- Key Features of NEP 2020
- Myths and Facts
- Difference Between Earlier Education Policies and NEP 2020
- Terminologies Related to NEP 2020
- Curriculum framework
- Assessment Section
- FAQs
- Links for Better Understandings of NEP
- Doubts and Solutions
- Acknowledgement

# INTRODUCTION

- The aim is holistic development of students.
- Quality Education.
- Skill Development.
- Value Based and Employment oriented Education System.
- For nurturing the students to be future ready

# KEY FEATURES OF NEP 2020...

- 3 or 4 Year (6 or 8 Semester) Program
- Multiple Entry & Multiple Exit System
- Multidisciplinary Course Curriculum
- Credit Based Course Curriculum
- Choice Based Credit System
- Learning Outcome based Curriculum Framework
- Continuous Internal Assessment System

# DIFFERENCE BETWEEN EARLIER EP & NEP 2020

Education Policy of 1986	NEP 2020
3 Year UG Program	3 or 4 Year UG Program
Annual Exam System	Semester Exam System
Curriculum WITHOUT Credits	Credit Based Curriculum
Single Discipline System	Multidisciplinary System
No Weightage on Internal Assessments	Continuous Internal Assessment system with Credits
No Provision of Internship & Entrepreneurship	Internship & Entrepreneurship has been included in curriculum
No Honours Curriculum	Honors & Honors with Research option is Available
No benefit on leaving studies before completing the graduation	Certificate/Diploma is provided in Exiting after completion of 1 or 2 year study.

# TERMINOLOGIES RELATED TO NEP 2020

- **FYUP**: Four Year Integrated Program
- **SEMESTER**: Duration 6 Months/ 90 Days/ 15 Weeks Learning Period
- **CCFUP**: Course Curriculum Framework of UG Program
- **PROGRAM**: The award for which student is enrolled
- **COURSE**: The Papers required for the Award of Program
- **COURSE CURRICULUM**: Details of the Courses- Provided to learners-Comprises Learning Outcome/Contents/Resource/Assessment.
- **CIA**: Continuous Internal Assessment

# TERMINOLOGIES RELATED TO NEP 2020

- **CREDIT**: Measurement of Learning Duration
  - 1Credit = 15 Periods of 1Hour
- **ESE**: End Semester Exam
- **LETTER GRADE**: Letter denoting range of obtained marks
- **GRADE POINT**: Letter denoting the Grade
- **CREDIT POINT**: Grade Point X Credit Earned
- **SGPA**: Semester Grade Point Average
- **CGPA**: Cumulative Grade Point Average

# CCFUP : MULTI DISCIPLINARY COURSE OF STUDY

<b>Year</b>	<b>Semester</b>	<b>Credits</b>	<b>Total Credits</b>	<b>Award on Leaving</b>
1 <sup>st</sup> Year	Semester-I	20 Credits	40 Credits	Certificate (44 Credits)
	Semester-II	20 Credits		
2 <sup>nd</sup> Year	Semester-III	20 Credits	40 Credits	Diploma (84 Credits)
	Semester-IV	20 Credits		
3 <sup>rd</sup> Year	Semester-V	20 Credits	40 Credits	Degree (120 Credits)
	Semester-VI	20 Credits		
4 <sup>th</sup> Year	Semester-VII	20 Credits	40 Credits	Honors (160 Credits) Or Honors with Research (164 Credits)
	Semester-VIII	20 Credits		



# **CCFUP : MULTI DISCIPLINARY COURSE OF STUDY**

<b>Course Name (As Per UGC)</b>	<b>Course Code</b>
<b>1. Disciplin Specific Course</b>	<b>DSC</b>
<b>2. Discipline Specific Elective</b>	<b>DSE</b>
<b>3. Generic Elective</b>	<b>GE</b>
<b>4. Ability Enhancement Course</b>	<b>AEC</b>
<b>5. Skill Enhancement Course</b>	<b>SEC</b>
<b>6. Value Added Course</b>	<b>VAC</b>
<b>7. Internship/ Apprenticeship</b>	<b>-</b>
<b>8. Research Methodology / Project &amp; Dissertation</b>	<b>-</b>

# CCFUP : MULTI DISCIPLINARY COURSE OF STUDY

## A. Introduction

Course Type, Code, Credits, LOs

## B. Course Contents

Unitwise Credit Distribution

## COURSE CURRICULUM FRAMEWORK

## C. Learning Resources

Textbooks, Reference books,  
e-Resources

## D. Course Assessment

CIA & ESE Marks Distribution

# CREDIT BASED COURSE CURRICULUM

<b>CREDITS</b>	<p><b>For Classroom Teaching-Learning</b> 1 Credit= 15 Periods of 1 Hour Each</p>
	<p><b>For Laboratory Work/ Field Work Learning</b> 1 Credit= 30 Periods of 1 Hour Each</p>
<b>Course Nature &amp; Course Credit</b>	<p><b>DSC, DSE &amp; GE : 4 Credits for Each Course</b> i.e. 4 Periods per week, Total 60 Hours</p>
	<p><b>Courses with Lab Work:</b> Theory: 3 Credits - 3Periods per week (Total 45 Hours) Practicals: 1 Credit - 1 Credit per week (Total 30 Hours)</p>
	<p><b>AEC, SEC and VAC : 2 Credits for Each Courses</b> i.e. 2 Periods per week, Total 30 Hours</p>
	<p><b>AEC &amp; VAC – 2 Periods per week, Total 30 Periods</b> <b>SEC- 1C Theory(15 Hours)+ 1C Lab./Field (30 Hours)</b></p>

# 1<sup>ST</sup> YEAR CCFUP FOR B.SC. & B.A.

SEM	DSC A/B/C (4C)	DSE	GE (4C)	AEC (2C)	VAC/SEC (2C)	CREDITS
I	DSC A1	--	GE-01 From the Pool	AEC-01 Eng/ Hindi / EVS	VAC-01 From the Pool	20
	DSC B1					
	DSC C1					
II	DSC A2	--	GE-02 From the Pool	AEC-02 Eng/ Hindi / EVS	SEC-01 From the Pool	20
	DSC B2					
	DSC C2					
<p><b>On exiting after 1 year a student may be awarded an undergraduate certificate after securing requisite 44 certificates</b></p>						40
<p><b>Extra 4 Credits of VOC/Skill Courses have to be earned from any recognised online platform such as SWAYAM/ NPTEL etc.</b></p>						

# 2<sup>ND</sup> YEAR CCFUP FOR B.SC. & B.A.

SEM	DSC A/B/C (4C)	DSE/GE (4C)	AEC (2C)	VAC/SEC (2C)	CREDITS
III	DSC A3	DSE-01 A/B/C OR GE-03 From the Pool	AEC-03 Eng/ Hindi / EVS	VAC-02 From the Pool	20
	DSC B3				
	DSC C3				
IV	DSC A4	DSE-02 A/B/C OR GE-04 From the Pool	AEC-04 Communicative Language (English)	SEC-02 From the Pool	20
	DSC B4				
	DSC C4				
<p><b>On exiting after 2 years a student may be awarded an undergraduate Diploma after securing requisite 84 certificates</b></p>					80
<p><b>Extra 4 Credits of VOC/Skill Courses have to be earned from any recognised online platform such as SWAYAM/ NPTEL etc.</b></p>					

# 3<sup>RD</sup> YEAR CCFUP FOR B.SC. & B.A.

<b>SEM</b>	<b>DSC A/B/C (4C)</b>	<b>DSE/GE (4C)</b>	<b>AEC (2C)</b>	<b>VAC/SEC (2C)</b>	<b>CREDITS</b>
<b>III</b>	<b>DSC A5</b>	<b>DSE-03 A/B/C OR GE-05 From the Pool</b>	<b>SEC-03 From the Pool</b>	<b>VAC-03 From the Pool</b>	<b>20</b>
	<b>DSC B5</b>				
	<b>DSC C5</b>				
<b>IV</b>	<b>DSC A6</b>	<b>DSE-04 A/B/C OR GE-06 From the Pool</b>	<b>SEC-04 From the Pool</b>	<b>Internship</b>	<b>20</b>
	<b>DSC B6</b>				
	<b>DSC C6</b>				
<b>On exiting after 3 years a student may be awarded an undergraduate Degree after securing requisite 120 certificates</b>					<b>120</b>

## 4<sup>TH</sup> YEAR FOR AWARD OF BACHELOR DEGREE WITH HONORS (STUDENT SECURING LESS THAN 7.5 CGPA)

<b>SEM VII</b>	<b>DSC 7 A/B/C (4C)</b>	<b>Four DSE 05 to 08 (4x4C=16C)</b>	<b>20</b>
<b>SEM VIII</b>	<b>DSC 8 A/B/C (4C)</b>	<b>Four DSE 09 to 12 (4x4C=16C)</b>	<b>20</b>

## 4<sup>TH</sup> YEAR FOR AWARD OF BACHELOR DEGREE WITH HONORS & RESEARCH (STUDENT SECURING 7.5 CGPA & ABOVE)

<b>SEM VII</b>	<b>DSC 7 A/B/C (4C)</b>	<b>Three DSE 05 to 07 (3x4C=12C)</b>	<b>DS Research Methodology (4C)</b>	<b>20</b>
<b>SEM VIII</b>	<b>DSC 8 A/B/C (4C)</b>	<b>Three DSE 09 to 11 (3x4C=12C)</b>	<b>Research Work Dissertation (4+4C=8C)</b>	<b>24</b>

**On exiting after 4 year a student may be awarded an Undergraduate Degree with Honors (160C) or Undergraduate Degree with Honors & Academic Research (164C) .**

# CCFUP FOR B.COM., B.H.Sc., B.B.A. & B.C.A.

SEM	DSC A/B/C (4C)	DSE	GE (4C)	AEC (2C)	VAC/SEC (2C)	CREDITS
I	DSC A1	--	GE-01 From the Pool	AEC-01 Eng/ Hindi / EVS	VAC-01 From the Pool	20
	DSC A2					
	DSC A3					
II	DSC A4	--	GE-02 From the Pool	AEC-02 Eng/ Hindi / EVS	SEC-01 From the Pool	20
	DSC A4					
	DSC A6					
<p><b>On exiting after 1 year a student may be awarded an undergraduate certificate after securing requisite 44 certificates. Extra 4 Credits of VOC/Skill Courses have to be earned from any recognised online platform such as SWAYAM/ NPTEL etc.</b></p>						40

SEM	DSC A/B/C (4C)	DSE/GE (4C)	AEC (2C)	VAC/SEC (2C)	CREDITS	
III	DSC A7	DSE-01 OR GE-03 From the Pool	AEC-03 Eng/ Hindi / EVS	VAC-02 From the Pool	20	
	DSC A8					
	DSC A9					
IV	DSC A10	DSE-02 OR GE-04 From the Pool	Communicative Language/ English	SEC-02 From the Pool	20	
	DSC A11					
	DSC A12					
<p><b>On exiting after 2 years a student may be awarded an undergraduate Diploma after securing requisite 84 certificates. Extra 4 Credits of VOC/Skill Courses have to be earned from any recognised online platform such as SWAYAM/ NPTEL etc.</b></p>						80

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# CCFUP FOR B.COM., B.H.SC., B.B.A. & B.C.A.

SEM	DSC A/B/C (4C)	DSE/GE (4C)	AEC (2C)	VAC/SEC (2C)	CREDITS
V	DSC A13	DSE-03 OR GE-05 From the Pool	SEC-03 From the Pool	VAC-03 From the Pool	20
	DSC A14				
	DSC A15				
VI	DSC A16	DSE-04 OR GE-06 From the Pool	SEC-04 From the Pool	Internship	20
	DSC A17				
	DSC A18				
<p>On exiting after 3 years a student may be awarded an <b>Undergraduate Degree</b> after securing requisite <b>120</b> certificates.</p>					120

## For Award of Bachelor Degree With Honors. (Student Securing Less than 7.5 CGPA)

SEM VII	DSC A 19 (4C)	Four DSE 05 to 08 (4x4C=16C)	20
SEM VIII	DSC A 20 (4C)	Four DSE 09 to 12 (4x4C=16C)	20

## For Award of Bachelor Degree With Honors & Research . (Student Securing 7.5 CGPA or more)

SEM VII	DSC 7 A/B/C (4C)	Four DSE 05 to 08 (4x4C=16C)	20
SEM VIII	DSC 8 A/B/C (4C)	Four DSE 09 to 12 (4x4C=16C)	20

On exiting after 4 year a student may be awarded an **Undergraduate Degree with Honors (160C)** or **Undergraduate Degree with Honors & Academic Research (164C)**

# COURSE ASSESSMENT

<b>Maximum Marks</b>	100	For 4/3 Credits	Passing Marks- 40
	50	For 2/1 Credits	Passing Marks- 20
<b>CIA: Continuous Internal Assessment</b>	30%	TWO Tests or TWO Quizzes	Each 20 or 10 Marks
		ONE Assignment	10 or 05 Marks
	Marks Obtained	Best of Two Tests or Quizzes + Marks of Assignment	
<b>ESE: End Semester Examination</b>	70%	Well Defined Question Paper Pattern Objective Type, Short Answer Type & Descriptive Answer type Questions	
<b>Passing Marks (40%) Consideration</b>	40 out of 100 & 20 out of 50 Cumulative Marks Obtained in CIA + ESE Considered against the Max. Marks		

# SEMESTER WISE PROMOTION

Odd Semester I/III/V  
[After Completion of CIA]

- Direct Promotion

Even  
Semester  
II/IV/VI

Semester II

- Should Earn minimum 50% Credits (20 credits) in Sem. I+ Sem. II

Semester  
III

Semester IV

- Should Earn minimum 50% Credits (20 credits) in Sem. I+ Sem. II
- Must Cleared Sem I & Sem. II

Semester V

Anyone can repeat the ESE to clear their backlog courses in respective ESE (Odd in Odd & Even in Even)

No Provision of Supplementary Examination/ Revaluation.

Provision of Special Examination after declaration of the result of VI semester to clear any backlog course of V & VI Semester.

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# LETTER GRADE & GRADE POINT

The Semester Grade Point Average (SGPA) is computed from the grades as a measure of the performance in a given semester.

<u>Letter Grade</u>	<u>Grade Point</u>	<u>% of Marks Obtained</u>
O (Outstanding)	10	Above 90%
A+ (Excellent)	9	Above 80% to 90%
A (Very Good)	8	Above 70% to 80%
B+ (Good)	7	Above 60% to 70%
B (Above Average)	6	Above 50% to 60%
C (Average)	5	Above 40% to 50%
P (Pass)	4	40%
F (Fail)	0	Below 40%
Ab (Absent)	0	Absent

# COMPUTATION OF SGPA & CGPA

Semester	Course	Credit	Letter Grade	Grade Point	Credit Point (CreditxGrade)
1st Semester	Course 1	4	A	8	4x8=32
1st Semester	Course 2	4	B+	7	4x7=28
1st Semester	Course 3	4	B+	6	4x6=24
1st Semester	Course 4	4	O	10	4x10=40
1st Semester	Course 5	2	C	5	2x5=10
1st Semester	Course 6	2	B	6	2x6=12
		20			146
<b>SGPA</b>				<b>146/20 = 7.3</b>	
<b>Semester 1</b>	<b>Semester 2</b>	<b>Semester 3</b>	<b>Semester 4</b>	<b>Semester 5</b>	<b>Semester 6</b>
<b>Credit 20</b>	<b>Credit 20</b>	<b>Credit 20</b>	<b>Credit 20</b>	<b>Credit 20</b>	<b>Credit 20</b>
<b>SGPA: 7.3</b>	<b>SGPA: 7.8</b>	<b>SGPA: 6.8</b>	<b>SGPA: 7.4</b>	<b>SGPA: 7.6</b>	<b>SGPA: 8.0</b>
<b>CGPA={ (20x7.3 + 20x7.8 + 20x6.8 + 20x 7.4 + 20x7.6 + 20x8.0)/120} = 7.48</b>					<b>21</b>
<b>OR (7.3+7.8+6.8+7.4+7.6+8.0)/6 = 7.48</b>					

# DSC, DSE & DGE LIST OF CHEMISTRY

## FOUR YEAR UNDERGRADUATE PROGRAM (NEP-2020)

### Program: Bachelor in Science

#### DISCIPLINE-CHEMISTRY

Session-2024-28

DSC- 01 to 08		DSE-01 to 12		DGE-01 to 06	
Code	Title	Code	Title	Code	Title
CHSC-01T	Fundamental Chemistry-I	CHSE-01T	Basic Analytical Chemistry	CHGE-01T	Fundamental Chemistry-I
CHSC-01P	Chemistry Lab. Course-I	CHSE-01P	Basic Analytical Chemistry Lab. Course	CHGE-01P	Chemistry Lab. Course-I
CHSC-02T	Fundamental Chemistry-II	CHSE-02T	Environmental Chemistry	CHGE-02T	Fundamental Chemistry-II
CHSC-02P	Chemistry Lab. Course-II	CHSE-02P	Environmental Chemistry Lab. Course	CHGE-02P	Chemistry Lab. Course-II
CHSC-03T	Inorganic and Physical Chemistry-I	CHSE-03T	Dyes & Polymer Chemistry		
CHSC-03P	Chemistry Lab. Course-III	CHSE-03P	Dyes & Polymer Chemistry Lab. Course		
CHSC-04T	Organic and Physical Chemistry-I	CHSE-04T	Heterocyclic Chemistry		
CHSC-04P	Chemistry Lab. Course-IV	CHSE-04P	Heterocyclic Chemistry Lab. Course		
CHSC-05T	Organic & Inorganic-I	CHSE-05T	Photochemistry & Pericyclic Reactions		
CHSC-05P	Chemistry Lab. Course-V	CHSE-05P	Photochemistry & Pericyclic Reactions Lab. Course		
CHSC-06T	Organic and Physical Chemistry-II	CHSE-06T	Spectroscopy-I		
CHSC-06P	Chemistry Lab. Course-VI	CHSE-06P	Spectroscopy-I Lab. Course		
CHSC-07T	Inorganic & Physical Chemistry-II	CHSE-07T	Chemical Kinetics & Nuclear Chemistry		
CHSC-07P	Chemistry Lab. Course-VII	CHSE-07P	Chemical Kinetics & Nuclear Chemistry Lab. Course		
CHSC-08T	Organic & Inorganic-II	CHSE-08T	Electrochemistry & Surface Chemistry		
CHSC-08P	Chemistry Lab. Course-VIII	CHSE-08P	Electrochemistry & Surface Chemistry Lab. Course		



# DOUBTS & SOLUTIONS...



C3. Virendra

नमस्कार सर,  
मेरा प्रश्न यह है की अगर विद्यार्थी प्रथम वर्ष (प्रथम, द्वितीय सेमेस्टर) प्राइवेट स्टूडेंट के रूप में प्रवेश लेता है व परीक्षा उत्तीर्ण करता है।  
उसके पश्चात वह द्वितीय वर्ष अर्थात् तृतीय सेमेस्टर में रेगुलर एडमिशन लेना चाहता हो तो उसके लिए क्या प्रावधान है..??

कृपया समाधान करे।

4:11 PM

C3. Virendra

नमस्कार सर,  
मेरा प्रश्न यह है की अगर विद्यार्थी प्रथम वर्ष (प्रथम, द्वितीय सेमेस्टर) प्राइवेट स्टूडेंट के रूप में प्रवेश लेता है व परीक्षा उ...

यदि तृतीय सेमेस्टर में नियमित विद्यार्थियों की **सीट रिक्त है तो वह प्रवेश के लिए पात्र है** और इच्छुक छात्रों से आवेदन लेकर प्रवीण्य सूची के आधार पर उनका प्रवेश सुनिश्चित किया जाएगा।  
क्योंकि स्वाध्यायी छात्र भी नियमित छात्रों की भांति उक्त समस्त परीक्षाएं उत्तीर्ण किए होंगे।  
ये सामान्य प्रक्रिया है अनुज।

7:05 PM ✓✓



AP Deepika Dadsena

mera ek question hai, ki 1 st semester k bad ya second semester k bad student college change kar sakta hai kya?

10:08 PM



BVV Pathak Sir

Kar sakta hai. Credits can be transferred.

10:32 PM



AP Chem Gokul Nishad Sir

AP Deepika Dadsena

mera ek question hai, ki 1 st semester k bad ya second semester k bad student college change kar sakta hai kya?

यह छत्तीसगढ़ में लागू होने वाली एक प्रदेश एक अध्यादेश पर आधारित अध्यादेश है विद्यार्थी किसी भी छत्तीसगढ़ प्रदेश के किसी भी कॉलेज में या किसी भी राजकीय विश्वविद्यालय में स्थानांतरण से जा सकता है 🙏🙏🙏

10:43 PM



# DOUBTS & SOLUTIONS...

AP Yashoda Sahu Maam

सेकंड सेमेस्टर से थर्ड सेमेस्टर में जाने के लिए 50% होना चाहिए इसको प्लीज क्लियर कर दीजिए

1st सेमेस्टर में 20 क्रेडिट्स हैं  
और 2nd सेमेस्टर में भी 20 क्रेडिट्स हैं  
(टोटल 40 क्रेडिट्स)

तो दोनों सेमेस्टर मिलाकर स्टूडेंट यदि कम से कम 20 क्रेडिट प्राप्त कर लेता है तभी 3rd सेमेस्टर में एडमिशन के लिए पात्र होगा।

12:46 PM ✓✓

A

AP Yashoda Sahu Maam

किसी महाविद्यालय में यदि कला संकाय संचालित हो रहा है तो वहां पर GE के लिए कैसे करेंगे

9:26 PM

Only arts faculty hai

9:27 PM

यदि पास में कोई अन्य महाविद्यालय नहीं है और इस सत्र में किसी निकटतम महाविद्यालय से कॉलेबोरेशन नहीं किया जाता है तो **उसी महाविद्यालय में संचालित DSC और DSE छोड़कर कला संकाय के ही अन्य विषयों** का चयन GE के रूप में कर सकेंगे।  
जैसे

DSC A1 - Sociology

DSC B1 - History

DSC C1 - Economics

हो

तो

हिंदी साहित्य

राजनीति विज्ञान

इत्यादि GE के रूप में ले सकेंगे।।

9:48 PM ✓✓



AP Smriti Agrawal Manendragarh

GoodMorning Sir,

मेरा 2 प्रश्न हैं कृपया मार्गदर्शन करे ।

प्रश्न 1 - जैसा कार्यशाला में बताया गया है कि एक संकाय का DSC अन्य शेष संकाय के लिए GE होगा तो क्या उनका GE कोड DSC कोड के समान होगा ??

प्रश्न 2 - वाणिज्य संकाय के ऑनलाइन पंजीयन में all subject compulsory कर के पंजीकरण हुआ है कल मेरिट सूची में प्रवेश लेने के समय विद्यार्थियों को कॉमर्स विषय के DSC के संबंध में किस प्रकार से मार्गदर्शन किया जाये ।

1:05 PM

A

AP Yashoda Sahu Maam

Dse ka pool college se banega ya university provide karegi

1:16 PM

AP Yashoda Sahu Maam

Dse ka pool college se banega ya university provide karegi

जो सब्जेक्ट्स कॉलेज में मुख्य धारा में चलते हैं वो सब DSC होंगे।

DSC संकाय के विषयों को छोड़कर अन्य संकाय के विषय जो आपके महाविद्यालय में चलते हैं वो सब GE होंगे।

जैसे फिजिक्स, मैथ्स, केमिस्ट्री DSC में होंगे तो सोशियोलॉजी, पॉलिटिकल साइंस, हिस्ट्री ये सब GE में होंगे।

1:22 PM ✓✓



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And All My Co Master Trainer Friends for their Guidance & Support.

THAT'S ALL FROM MY SIDE...

THANKS FOR THE PATIENT LISTENING.

WE MAY NOW DISCUSS THE DOUBTS.