

**Curriculum for  
Introduction to  
Indic Knowledge System (IKS)**

For

**All Undergraduate Programme of KSKV Kachchh  
University, Bhuj**

**DESIGNED, DEVELOPED AND NURTURED**

**BY**

**Bharat Shodh Sansthan  
Institute of Indic Studies  
KSKV Kachchh University**

**Bharat Shodh Sansthan, Institute of Indic Studies**

# ગુજરાતી માધ્યમ - સ્નાતક કક્ષા અભ્યાસક્રમ

સત્ર : 1

કોર્સ ક્રેડિટ: 2

કોર્સનો સમયગાળો: 40 Hrs.

યુનિટ	વિષય
1	<p><b>ભારતીય જ્ઞાન પરંપરાનો પરિચય</b></p> <ul style="list-style-type: none"><li>● ભારતીય જ્ઞાન પરંપરા<ul style="list-style-type: none"><li>○ પ્રસ્તાવના: ભારતીય જ્ઞાન પરંપરા(IKS) અને તેનું મહત્વ</li><li>○ ભારતીય જ્ઞાન પ્રણાલીઓ અને જીવનના વિવિધ ક્ષેત્રોમાં ભારતીય જ્ઞાન પ્રણાલીઓ(IKS)નું યોગદાન</li></ul></li><li>● શાસ્ત્રો: ભારતવર્ષનું મૂળભૂત સાહિત્ય<ul style="list-style-type: none"><li>○ શાસ્ત્ર શું છે?</li><li>○ શાસ્ત્રોનું મહત્વ</li><li>○ શાસ્ત્રોનું વર્ગીકરણ - વૈદિક અને અવૈદિક (ઉદાહરણો સાથે)</li></ul></li><li>● IKSના પ્રસારનો આધાર<ul style="list-style-type: none"><li>○ ભારતીય શિક્ષણ પ્રણાલી અને તેનું ચિંતન</li><li>○ ભારતીય શિક્ષણ પ્રણાલીનો ઇતિહાસ પ્રાચીન થી અર્વાચીન</li><li>○ શિક્ષણના ક્ષેત્રો: ગુરુકુલ, પાઠશાળા, વિદ્યાલય, વિશ્વવિદ્યાલય</li></ul></li></ul>
2	<p><b>ભારતીય જ્ઞાન પરંપરાનું વૈશ્વિક યોગદાન</b></p> <ul style="list-style-type: none"><li>● ગણિત અને ખગોળશાસ્ત્ર<ul style="list-style-type: none"><li>○ નંબર સિસ્ટમ</li><li>○ બીજગણિત અને અંકગણિત</li><li>○ ભૂમિતિ</li><li>○ ત્રિકોણમિતિ</li><li>○ પ્લેનેટરી સિસ્ટમ</li><li>○ પ્રકાશની ગતિ</li><li>○ ગ્રહણ</li></ul></li></ul>

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- વિજ્ઞાન
  - ભૌતિકશાસ્ત્ર
  - રસાયણશાસ્ત્ર
  - વનસ્પતિશાસ્ત્ર
- મેટલ ટેકનોલોજી
  - ખાણકામ તકનીકો
  - ધાતુઓના પ્રકાર
  - મેટલ સ્મેલ્ટિંગ માટે સાધનો અને તકનીકો
- ટાઉન પ્લાનિંગ અને ટેમ્પલ આર્કિટેક્ચર
  - ટાઉન પ્લાનિંગ અને ટેમ્પલ આર્કિટેક્ચર માટેના સાધનો અને તકનીકો
  - વાસ્તુકલાનું વિજ્ઞાન
  - લોથલ, મોહેંજો દરો, ઘોળાવીરા
  - અંગકોરવાટ, લેપાક્ષી મંદિર, જગન્નાથપુરી મંદિર, તંજાવુર મંદિર, મોઢેરા અને કોણાર્ક સૂર્ય મંદિર, હમ્પી મંદિર વગેરે.
- આયુર્વેદ
  - આયુર્વેદનો પરિચય- વ્યાખ્યા, આયુર્વેદની શાખાઓ, પુસ્તકો અને સંશોધકો
  - ત્રિદોષની વિભાવના અને શરીરમાં તેના સંતુલનનું મહત્વ
  - ભારતીય ચિકિત્સા વિજ્ઞાનની સિદ્ધિઓ
- કલા અને પરંપરાઓ
  - ભારતીય કલા અને પરંપરાનો ઇતિહાસ
  - 64 કલા સાથે કૌશલ્ય વિકાસ
  - ભારતીય પરંપરાઓની પાછળ નિહિત વિજ્ઞાન

સત્ર : 3

કોર્સ ક્રેડિટ: 2

કોર્સનો સમયગાળો: 40 Hrs.

યુનિટ	વિષય
1	<p><b>ભારતીય જ્ઞાન પરંપરાની સમજ</b></p> <ul style="list-style-type: none"><li>○ IKS ના અનન્ય પાસાઓ: Idea Vs Ideology, IKS વર્તમાન પરિપ્રેક્ષ્યમાં</li><li>○ IKS સંબંધિત શબ્દાવલી</li><li>○ શાસ્ત્રનું વિજ્ઞાન<ul style="list-style-type: none"><li>▪ શ્રુતિ અને સ્મૃતિ પરંપરા</li><li>▪ શાસ્ત્રનો અભ્યાસ કરવાની પદ્ધતિઓ</li><li>▪ શાસ્ત્રાર્થ પરંપરાનો પરિચય</li></ul></li><li>○ હસ્તપ્રતો: જ્ઞાન સાચવણીની અનોખી પદ્ધતિ<ul style="list-style-type: none"><li>▪ લિપિ અને ભાષા, સંસ્કૃત ભાષા અને તેનું મહત્વ</li><li>▪ હસ્તપ્રતોનો ઇતિહાસ, પ્રકાર અને તેની જાળવણીની રીતો</li><li>▪ પ્રખ્યાત હસ્તપ્રત ભંડારનાં ઉદાહરણ</li></ul></li></ul>
2	<p><b>ભારતીય જ્ઞાન પરંપરાનું યોગદાન</b></p> <ul style="list-style-type: none"><li>○ વિજ્ઞાન અને તકનીકી<ul style="list-style-type: none"><li>▪ ખગોળશાસ્ત્ર</li><li>▪ પ્રાચીન ભારતમાં વપરાતી એન્જિનિયરિંગ પદ્ધતિ</li><li>▪ યંત્ર શાસ્ત્રનો પરિચય – વિમાન શાસ્ત્ર</li><li>▪ ટેક્સટાઇલ ટેકનોલોજી</li><li>▪ કૃષિ ટેકનોલોજી</li><li>▪ ફોરેસ્ટ મેનેજમેન્ટ અને વોટર મેનેજમેન્ટ તકનીકો</li></ul></li><li>○ વેપાર અને વાણિજ્ય<ul style="list-style-type: none"><li>▪ પ્રાચીન ભારતીય અર્થવ્યવસ્થાનો ખ્યાલ</li><li>▪ પ્રાચીન ભારતીય વેપાર અને વાણિજ્યનો વ્યાપ</li></ul></li><li>○ ભારતીય પ્રશાસન અને શાસન<ul style="list-style-type: none"><li>▪ ભારતીય પ્રશાસન અને શાસનની અવધારણા અને પરિચય</li></ul></li></ul>

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	<ul style="list-style-type: none"> <li>▪ પ્રાચીન ભારતમાં પ્રશાસનિક સંરચના</li> <li>▪ નીતિ શાસ્ત્ર: કાયદો અને વ્યવસ્થા</li> <li>○ ફાઇન આર્ટ અને પરફોર્મિંગ આર્ટ <ul style="list-style-type: none"> <li>▪ પરફોર્મિંગ આર્ટ: ભાવ અને રસની સંકલ્પના, પ્રકાર, પ્રક્રિયા, પ્રસિદ્ધ કૃતિઓ અને કલાકારો</li> <li>▪ ફાઇન આર્ટ: પ્રકાર, પ્રક્રિયા, પ્રસિદ્ધ સર્જન અને કલાકારો</li> <li>▪ ભારતીય પરંપરાઓની પાછળ નિહિત વિજ્ઞાન</li> </ul> </li> <li>○ પ્રેક્ટીકલ(અનુભવાત્મક) સત્ર <ul style="list-style-type: none"> <li>▪ અષ્ટાંગ યોગ પરિચય અને યોગાસન તથા પ્રાણાયામ અભ્યાસ</li> <li>▪ મંત્રોચ્ચાર અભ્યાસ: મંત્રોચ્ચારનું મહત્વ અને તેના ઉચ્ચારણની સાચી પદ્ધતિ</li> </ul> </li> </ul>
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## મૂલ્યાંકન પ્રક્રિયા

	Attendance	Assignment	Seminar	Unit Test	Total Marks
Internal	5	5	5	15	30
External	Online MCQ Test				70

## કોર્સના મુખ્ય હેતુ :

વિદ્યાર્થી...

- પ્રાચીન ભારતીય પરંપરાઓની પ્રક્રિયા વિશે જાણે
- વિવિધ ક્ષેત્રોમાં ભારતીયોના યોગદાનને સમજે
- પ્રાચીન જ્ઞાનને વર્તમાન સંદર્ભ સાથે જોડી શકે
- વિવિધ વિષયોમાં અગ્રણી ભારતીય સંશોધકો અને વિચારકો વિશે જાણે
- ભારતીય પરંપરાઓ અને પ્રથાઓ પ્રત્યે સકારાત્મક વલણ કેળવે
- સ્વ-જાગૃતિ અને આત્મસન્માનમાં વધારો થાય
- તમામ જ્ઞાન આખરે કેવી રીતે એકબીજા સાથે જોડાયેલા છે તેની વ્યાપક સમજ વિકસાવી શકે

## Bharat Shodh Sansthan, Institute of Indic Studies

# English Medium- Undergraduate Level (UG)

**Semester: 1**

Course Credit: 2

Course Duration: 40 Hrs.

Unit	Topic
1	<b>Introduction to IKS</b> <ul style="list-style-type: none"><li>○ Introduction to IKS &amp; Its importance<ul style="list-style-type: none"><li>▪ Introduction &amp; importance of IKS</li><li>▪ Various IKS Systems</li></ul></li><li>○ Shashtra – Foundational Literature of Bharatvarsha<ul style="list-style-type: none"><li>▪ What is Shashtra?</li><li>▪ Importance of Shashtra</li><li>▪ Classification of Shashtra – Vaidic &amp; Avaidic (with examples of imp. Literature)</li></ul></li><li>○ Base of IKS proliferation<ul style="list-style-type: none"><li>▪ Bhartiya Education System and its philosophy</li><li>▪ History of BES from Ancient to Modern</li><li>▪ Domains of Education: Gurukul, Pathshala, Vidyalay, Vishvavidyalay</li></ul></li></ul>
2	<b>Contribution of IKS to the World</b> <ul style="list-style-type: none"><li>○ Mathematics &amp; Astronomy<ul style="list-style-type: none"><li>▪ Number System</li><li>▪ Algebra &amp; Arithmetic</li><li>▪ Geometry</li><li>▪ Trigonometry</li><li>▪ Planetary System</li><li>▪ Speed of Light</li><li>▪ Eclipse</li></ul></li><li>○ Life sciences<ul style="list-style-type: none"><li>▪ Physics</li><li>▪ Chemistry</li><li>▪ Botany</li></ul></li><li>○ Metal Technology<ul style="list-style-type: none"><li>▪ Mining Techniques</li><li>▪ Types of Metals</li><li>▪ Tools &amp; Techniques for Metal Smelting with examples</li></ul></li></ul>

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	<ul style="list-style-type: none"> <li>○ Town planning &amp; Temple Architecture <ul style="list-style-type: none"> <li>▪ Indigenous tools &amp; technologies for town planning &amp; Temple Architecture</li> <li>▪ Science of Architecture</li> <li>▪ Lothal, Mohan Jo Daro, Dholavira</li> <li>▪ Angkorvat, Lepakshi Temple, Jagannath Puri Temple, Thanjavur Temple, Modhera and Konark Sun Temple, Hampi Temple Etc.</li> </ul> </li> <li>○ Ayurveda <ul style="list-style-type: none"> <li>▪ Introduction of Ayurveda- Definition, Branches of Ayurveda, Books and Pioneers</li> <li>▪ Concept of Tri Dosh and importance of its Balance in the body</li> <li>▪ Indic Medical Science Achievement: Tools &amp; Technology</li> </ul> </li> <li>○ Art &amp; Traditions <ul style="list-style-type: none"> <li>▪ History and Origin</li> <li>▪ Skill Enhancement with 64 Kala</li> <li>▪ Science behind our traditions and rituals</li> </ul> </li> </ul>
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### Semester – 3

Course Credit: 2

Course Duration: 40 Hrs.

Unit	Topic
<b>1</b>	<p><b>Understanding of IKS</b></p> <ul style="list-style-type: none"> <li>○ Unique aspects of IKS: Idea Vs Ideology, IKS in present perspective</li> <li>○ Vocabulary related to IKS – Dharma, Sanatan, Moksha, Karma etc.</li> <li>○ Science of Sastra <ul style="list-style-type: none"> <li>▪ Shruti &amp; Smriti Parampara</li> <li>▪ Methods to Study Shashtra</li> <li>▪ Overview of Shastrartha Parampara</li> </ul> </li> <li>○ Manuscriptology: Art of preserving Knowledge <ul style="list-style-type: none"> <li>▪ Script &amp; Language, Sanskrit Language and it's importance</li> </ul> </li> </ul>

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	<ul style="list-style-type: none"> <li>▪ Manuscripts: It's History, types and Its preservation Techniques</li> <li>▪ Famous Manuscript repositories</li> </ul>
<b>2</b>	<p><b>Contribution of IKS in</b></p> <ul style="list-style-type: none"> <li>○ Science &amp; Technology <ul style="list-style-type: none"> <li>▪ Astronomy</li> <li>▪ Encryption Method used in ancient India</li> <li>▪ Introduction to Yantra Shashtra – Vaimanik Shashtra</li> <li>▪ Textile Technologies</li> <li>▪ Agriculture Technologies</li> <li>▪ Forest Management and Water management techniques</li> </ul> </li> <li>○ Trade &amp; Commerce <ul style="list-style-type: none"> <li>▪ Concept of Indic Economy (ArthVyavastha)</li> <li>▪ Trade and Commerce</li> </ul> </li> <li>○ Administration &amp; Governance <ul style="list-style-type: none"> <li>▪ Concept Introduction: Indic Administration</li> <li>▪ Administrative Structure in Ancient India</li> <li>▪ Niti Sashtra (Law &amp; Orders)</li> </ul> </li> <li>○ Fine Art &amp; Performing Art <ul style="list-style-type: none"> <li>▪ Performing Art: Bhav, Ras, Types, Process, Famous Literature, Famous Art &amp; Artists</li> <li>▪ Fine Art: Types, Process, Famous Literature, Famous Art and Artists</li> <li>▪ Case Studies Local Art &amp; Tradition</li> </ul> </li> <li>○ Experiential sessions <ul style="list-style-type: none"> <li>▪ Introduction to Ashtang Yog and practice of Yogasan &amp; Pranayam</li> <li>▪ Methods of Chanting the Mantra and Chanting Practice</li> </ul> </li> </ul>

### Evaluation Method:

Internal	Attendance	Assignment	Seminar	Unit Test	Total Marks
	5	5	5	15	30
External	<b>Online MCQ Test</b>				70

### Course Outcome

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Learner will be able to ...

- Learn about the process of ancient Indian traditions
- Understand the contribution of Indian minds in various fields
- Link ancient wisdom in the current context
- Learn about the leading Indian inventors and thinkers in various disciplines
- Develop a positive attitude towards Indian traditions and practices
- Increase subject-awareness and self-esteem
- Develop a comprehensive understanding of how all knowledge is ultimately intertwined

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**KSKV Kachchh University – Indian Knowledge System (IKS), Value Added Course (VAC) & Skill Enhancement Course (SEC)**

**Format of Value-Added Course (VAC) for the submission and execution**

**Semester - II**


1	<b>Name of Course:</b>	<b>Understanding NSS - I</b>
2	<b>Proposed Faculty and Semester (If any):</b>	<b>Dr. Chirag Patel Dr. Bharat Modh</b>
3	<b>Name of Professors who have designed/ framed the course:</b>	<b>Dr. Chirag Patel Dr. Bharat Modh</b>
	<b>Phone number:</b>	<b>9825839641 9426931422</b>
	<b>Email Address:</b>	<a href="mailto:chirag.patel4u@yahoo.com">chirag.patel4u@yahoo.com</a>
	<b>Affiliation:</b>	<b>KSKV Kachchh University, Bhuj</b>
4	<b>Total Credits:___</b>	<b>Credit of Theory: 2    Total Hours of Teaching: 30 Credit of Practical: NA    Total Hours of Practical: NA</b>
5	<b>Significance of the course with reference to Value Added Course (VAC):</b>	<b>This course will enable students to engage in youth and community services. It will also provide opportunities for various policies and programs for Nation development.</b>
6	<b>Expected outcome of the course:</b>	<ol style="list-style-type: none"> <li>1. Students will be able to perform various administrative and leadership activities for the development of community.</li> <li>2. It will develop ability to coordination among stake holders and various agencies of community development</li> <li>3. It will develop ability of patriotic thinking among youth</li> </ol>
7	<b>UNIT 1:</b>	<p>Introduction of National service scheme  History, philosophy, objective and goals of NSS  Symbol, flag, motto and song of NSS  Indian philosophy of service.  National service scheme programmes and structure  Organizational structure of NSS,  Regular activities, special and one day camp, maintenance of activity diary</p>



**KSKV Kachchh University – Indian Knowledge System (IKS), Value Added Course (VAC) & Skill Enhancement Course (SEC)**

	<b>UNIT – II</b>	<p>Implementation of national service scheme programme          Adoption process of activity area (Rural/ Urban slum)          Coordination with various agencies (government and non-government)          Financial management of NSS          Understanding of development and welfare scheme          Government scheme for youth development and welfare          Government scheme for rural development and weaker section of society</p>
	<b>Education Materials</b> (Reference Books, Web Link for materials/video/ MOOC etc.)	NSS manual <a href="http://www.ministry">www.ministry</a> of sports and youth affairs government of India
<b>8</b>	<b>Total number of Units (Practical):</b>	N/A
	<b>Details of topics (Practical):</b>	N/A
	<b>Education Materials</b> (Reference Books, Web Link for materials/video/ MOOC etc.)	N/A
<b>9</b>	<b>Suggested Examination pattern</b>	<b>Only Theory</b> (Offline/Online – teaching method)

**Note:**

-  VAC content should be as per the guidelines mentioned in the following link  
[https://www.ugc.gov.in/pdfnews/3226446\\_Draft-Guidelines-for-Incorporating-Indian-Knowledge-System-in-Higher-Education-Curricula.pdf](https://www.ugc.gov.in/pdfnews/3226446_Draft-Guidelines-for-Incorporating-Indian-Knowledge-System-in-Higher-Education-Curricula.pdf)



## **KSKV Kachchh University – Indian Knowledge System (IKS), Value Added Course (VAC) & Skill Enhancement Course (SEC)**

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- To design the courses, you may take following as reference only <https://swayam.gov.in/>
- The examination patter for the VAC will be – Total 100 Marks (including theory and practical) for each paper.
  - 30% - Internal
  - 70% - External
- Professor (Teacher) who have designed the course will be treated as Course Coordinator and will be responsible for conducting exams as well as assessment, etc.
- Format for drawing paper of theory and practical should attached in separate sheet of paper.
- In case if you need extra space – A separate sheet of paper can be used.

### **Suggested Examination pattern:**

- **Total numbers of credits are 2**
- **Total number of units in semester- II & IV**
- **Total numbers of teaching hours per semester are 30**
- **Total Marks of University assessment are 35**
- **The exam pattern for II & IV semesters is comprise with followings;**
  - (i) MCQs -10 marks (2 marks of each question)**
  - (ii) Long/Short questions - 25 marks**
  - (iii) Equal weight will be given to each unit**
- **Total Marks of internal assessment are 15 and exam will be conducted by each colleges followed according to University rules**



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**For the purpose of Submission and Execution as per University Guidelines**

**Semester - IV**

1	<b>Name of Course:</b>	<b>Understanding NSS - II</b>
2	<b>Proposed Faculty and Semester (If any):</b>	<b>Dr. Chirag Patel Dr. Bharat Modh</b>
3	<b>Name of professor who have designed/frame the course:</b>	<b>Dr. Chirag Patel Dr. Bharat Modh</b>
	<b>Phone number:</b>	<b>9825839641 9426931422</b>
	<b>Email Address:</b>	<a href="mailto:chirag.patel4u@yahoo.com">chirag.patel4u@yahoo.com</a>
	<b>Affiliation:</b>	<b>KSKV Kachchh University, Bhuj</b>
4	<b>Total Credits: ___</b>	<b>Credit of Theory: 2    Total Hours of Teaching: 30 Credit of Practical: NA    Total Hours of Practical: NA</b>
5	<b>Significance of the course with reference to Value Added Course (VAC):</b>	<b>This course will enable students to engage in youth and community services. It will also provide opportunities for various policies and programs for Nation development.</b>
6	<b>Expected outcome of the course:</b>	<ol style="list-style-type: none"> <li>1. Students will be able to perform various administrative and leadership activities for the development of community.</li> <li>2. It will develop ability to coordination among stack holders and various agencies of community development</li> <li>3. It will develop ability of patriotic thinking among youth</li> </ol>
7	<b>UNIT 1 :</b>	Importance and role of youth leadership Meaning and types of leadership, Qualities of good leader, Trait of good Leadership. Importance and role of youth leadership, Ideals of swami Vivekanda and Youth leadership



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	<b>UNIT – II:</b>	Life skill, Concept and definition of life skill, Problem solving and decision making  Social harmony and national integration Need and importance of social harmony and national building and Role of youth in developing social harmony and national building. Indian philosophy of social harmony and national development like- Vasudhev kutumbkam etc.
	<b>Education Materials</b> (Reference Books, Web Link for materials/video/ MOOC etc.)	NSS manual <a href="http://www.ministry">www.ministry</a> of sports and youth affairs government of India
<b>8</b>	<b>Total number of Units (Practical):</b>	N/A
	<b>Details of topics (Practical):</b>	N/A
	<b>Education Materials</b> (Reference Books, Web Link for materials/video/ MOOC etc.)	NA
<b>9</b>	<b>Suggested Examination pattern</b>	<b>Only Theory (Offline) * See the last para.</b>

**Note:**

📖 VAC content should be as per the guidelines mentioned in the following link  
[https://www.ugc.gov.in/pdfnews/3226446\\_Draft-Guidelines-for-Incorporating-Indian-Knowledge-System-in-Higher-Education-Curricula.pdf](https://www.ugc.gov.in/pdfnews/3226446_Draft-Guidelines-for-Incorporating-Indian-Knowledge-System-in-Higher-Education-Curricula.pdf)



## **KSKV Kachchh University – Indian Knowledge System (IKS), Value Added Course (VAC) & Skill Enhancement Course (SEC)**

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- To design the courses, you may take following as reference only <https://swayam.gov.in/>
- The examination patter for the VAC will be – Total 100 Marks (including theory and practical) for each paper.
  - 30% - Internal
  - 70% - External
- Professor (Teacher) who has designed the course will be treated as Course Coordinator and will be responsible for conducting exams as well as assessment, etc.
- Format for drawing paper of theory and practical should attach in separate sheet of paper.
- In case if you need extra space – A separate sheet of paper can be used.

### **Suggested Examination pattern:**

- **Total numbers of credits are 2**
- **Total number of units in semester- II & IV**
- **Total numbers of teaching hours per semester are 30**
- **Total Marks of University assessment are 35**
- **The exam pattern for II & IV semesters is comprise with followings;**
  - (i) MCQs -10 marks (2 marks of each question)**
  - (ii) Long/Short questions - 25 marks**
  - (iii) Equal weight will be given to each unit**
- **Total Marks of internal assessment are 15 and exam will be conducted by each colleges followed according to University rules**



**KSKV Kachchh University – Indian Knowledge System (IKS), Value Added Course (VAC) & Skill Enhancement Course (SEC)**

**Format of Value-Added Course (VAC) for the submission and execution**

**Semester - II**

1	Name of Course:	Try to Understand our Mother Earth
2	Proposed Faculty and Semester (If any):	Dr. Mrugesh Trivedi Dr. Paurav Mehta
3	Name of Professors who have designed/ framed the course:	Dr. Mrugesh Trivedi Dr. Paurav Mehta
	Phone number:	9429613901 9879226010
	Email Address:	<a href="mailto:drmugesh.trivedi@kskvku.ac.in">drmugesh.trivedi@kskvku.ac.in</a> <a href="mailto:dr.pk.mehta@gmail.com">dr.pk.mehta@gmail.com</a>
	Affiliation:	KSKV Kachchh University, Bhuj
4	Total Credits:___	Credit of Theory: 2 Total Hours of Teaching: 30 Credit of Practical: NA Total Hours of Practical: NA
5	Significance of the course with reference to Value Added Course (VAC):	The course is design to develop basic understanding on our mother earth. The holistic approach towards mother earth through this course will develop a responsible citizen who will take a lead in conserving our environment.
6	Expected outcome of the course:	1. Awareness towards mother earth 2. Holistic approach and understanding on relation between human and mother earth 3. Will create responsibility among students for the conservation of earth
7	<b>UNIT 1:</b> <b><u>Introduction To Environment Science</u></b>	<ul style="list-style-type: none"> <li>■ Introduction to Environment Science: Definition, Scope &amp; Carrier, Approaches, Relation to other branches of Science.</li> <li>■ Past, Present &amp; Future Scenario, Various fields of Environment Science.</li> <li>■ Structure and composition of atmosphere, hydrosphere, lithosphere and biosphere.</li> <li>■ Meteorological parameters - pressure, temperature,</li> </ul>





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	<p><b>UNIT – II</b></p> <p><b><u>Atmosphere, Hydrosphere and Lithosphere</u></b></p>	<p>precipitation, humidity, radiation. Laws of thermodynamics &amp; Heat transfer processes.</p> <p>Environmental education and awareness. Environmental ethics.</p> <p>Atmosphere: Composition, structure and functions of atmosphere, atmospheric chemistry, classification of elements, earth’s energy budget, reactions in the lower and upper atmosphere, radioactivity in the atmosphere, atmospheric stability, inversions and mixing heights, wind roses</p> <p>Hydrosphere: Structure and properties of water and their environmental significance, distribution of water in earth, fresh water and its chemistry, solubility of gases in water, role of water in environment</p> <p>Lithosphere: Factors and processes of soil development, soil types and their formation, soil profiles, physical and chemical properties</p>
	<p><b>Education Materials</b> (Reference Books, Web Link for materials/video/ MOOC etc.)</p>	<ol style="list-style-type: none"> <li>1. Environmental Science by S C Santra</li> <li>2. Environmental Science by D D Chiras</li> <li>3. Text Book for Environmental Studies by UGC, New Delhi</li> <li>4. Environmental Chemistry by A K Dey</li> <li>5. Fundamental of Ecology by E P Odum</li> <li>6. Ecology and Environment by P D Sharma</li> </ol>
<p><b>8</b></p>	<p><b>Total number of Units (Practical):</b></p> <p><b>Details of topics (Practical):</b></p>	<p>N/A</p> <p>N/A</p>



**KSKV Kachchh University – Indian Knowledge System (IKS), Value Added Course (VAC) & Skill Enhancement Course (SEC)**

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	<b>Education Materials</b> (Reference Books, Web Link for materials/video/ MOOC etc.)	N/A
<b>9</b>	<b>Suggested Examination pattern</b>	<b>Only Theory</b> (Offline/Online – teaching method)

**Note:**

- VAC content should be as per the guidelines mentioned in the following link [https://www.ugc.gov.in/pdfnews/3226446\\_Draft-Guidelines-for-Incorporating-Indian-Knowledge-System-in-Higher-Education-Curricula.pdf](https://www.ugc.gov.in/pdfnews/3226446_Draft-Guidelines-for-Incorporating-Indian-Knowledge-System-in-Higher-Education-Curricula.pdf)
- To design the courses, you may take following as reference only <https://swayam.gov.in/>
- The examination patter for the VAC will be – Total 100 Marks (including theory and practical) for each paper.
  - 30% - Internal
  - 70% - External
- Professor (Teacher) who have designed the course will be treated as Course Coordinator and will be responsible for conducting exams as well as assessment, etc.
- Format for drawing paper of theory and practical should attached in separate sheet of paper.
- In case if you need extra space – A separate sheet of paper can be used.

**Suggested Examination pattern:**

- **Total numbers of credits are 2**
- **Total number of units in semester- II & IV**
- **Total numbers of teaching hours per semester are 30**
- **Total Marks of University assessment are 35**
- **The exam pattern for II & IV semesters is comprise with followings;**
  - (i) **MCQs -10 marks (2 marks of each question)**
  - (ii) **Long/Short questions - 25 marks**
  - (iii) **Equal weight will be given to each unit**
- **Total Marks of internal assessment are 15 and exam will be conducted by each colleges followed according to University rules**



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**For the purpose of Submission and Execution as per University Guidelines**

**Semester - IV**

1	Name of Course:	Try to Understand our Mother Earth - I
2	Proposed Faculty and Semester (If any):	Dr. Mrugesh Trivedi Dr. Paurav Mehta
3	Name of professor who have designed/frame the course:	Dr. Mrugesh Trivedi Dr. Paurav Mehta
	Phone number:	9429613901 9879226010
	Email Address:	<a href="mailto:drmugesh.trivedi@kskvku.ac.in">drmugesh.trivedi@kskvku.ac.in</a> <a href="mailto:dr.pk.mehta@gmail.com">dr.pk.mehta@gmail.com</a>
	Affiliation:	KSKV Kachchh University, Bhuj
4	Total Credits:___	Credit of Theory: 2 Total Hours of Teaching: 30 Credit of Practical: NA Total Hours of Practical: NA
5	Significance of the course with reference to Value Added Course (VAC):	The course is design to develop basic understanding on our mother earth. The holistic approach towards mother earth through this course will develop a responsible citizen who will take a lead in conserving our environment.
6	Expected outcome of the course:	1. Awareness towards mother earth 2. Holistic approach and understanding on relation between human and mother earth 3. Will create responsibility among students for the conservation of earth
7	UNIT 1 :  <b><u>BASICS OF ECOLOGY</u></b>	📖 Ecology: Definition, Autecology and Synecology. 📖 Population ecology: Definition, Monospecific & Polyspecific population Characteristics of population (Size & density, dispersion, Age structure, Natality,



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	<p align="center"><b>UNIT – II:</b> <b><u>ENVIRONMENT &amp; ECOSYSTEM</u></b></p>	<p>Mortality).</p> <p>Population dynamics: Theory of population growth (exponential growth curve, logistic growth curve) and regulations. Concept of carrying capacity, Population fluctuations, dispersion and metapopulation. Concept of ‘r’ and ‘k’ species. Ecological Succession: Definition, Cause of succession, basic types of succession, general process of succession, hydrosere.</p> <ul style="list-style-type: none"> <li>■ Ecosystem: Concept &amp; structure of ecosystem, kinds of ecosystem, functions of ecosystem, biotic and abiotic component of ecosystems. Food chain (Definition, grazing &amp; detritus food chain), food web, trophic structure, ecological pyramids, energy flow in ecosystem- single chain model</li> <li>■ Productivity of ecosystem: Definition, primary and secondary productivity.</li> <li>■ Ecosystem: Definition &amp; types (terrestrial &amp; aquatic ecosystem)</li> <li>■ Terrestrial ecosystem: Desert ecosystem, grassland ecosystem, forest ecosystem (evergreen &amp; deciduous forest). Aquatic ecosystem: Fresh water ecosystem, pond ecosystem, river ecosystem. Marine ecosystem: Ocean water ecosystem, estuarine ecosystem. Ecosystem Conservation plan and strategy.</li> </ul>
	<p><b>Education Materials</b> (Reference Books, Web Link for materials/video/ MOOC etc.)</p>	<ol style="list-style-type: none"> <li>1. Environmental Science by S C Santra</li> <li>2. Environmental Science by D D Chiras</li> <li>3. Text Book for Environmental Studies by UGC, New Delhi</li> <li>4. Environmental Chemistry by A K Dey</li> <li>5. Fundamental of Ecology by E P Odum</li> </ol>



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		6. Ecology and Environment by P D Sharma
8	<b>Total number of Units (Practical):</b>	N/A
	<b>Details of topics (Practical):</b>	N/A
	<b>Education Materials (Reference Books, Web Link for materials/video/ MOOC etc.)</b>	NA
9	<b>Suggested Examination pattern</b>	<b>Only Theory (Offline) * See the last para.</b>

**Note:**

- 🎬 VAC content should be as per the guidelines mentioned in the following link [https://www.ugc.gov.in/pdfnews/3226446\\_Draft-Guidelines-for-Incorporating-Indian-Knowledge-System-in-Higher-Education-Curricula.pdf](https://www.ugc.gov.in/pdfnews/3226446_Draft-Guidelines-for-Incorporating-Indian-Knowledge-System-in-Higher-Education-Curricula.pdf)
- 🎬 To design the courses, you may take following as reference only <https://swayam.gov.in/>
- 🎬 The examination patter for the VAC will be – Total 100 Marks (including theory and practical) for each paper.
  - 30% - Internal
  - 70% - External
- 🎬 Professor (Teacher) who has designed the course will be treated as Course Coordinator and will be responsible for conducting exams as well as assessment, etc.
- 🎬 Format for drawing paper of theory and practical should attach in separate sheet of paper.
- 🎬 In case if you need extra space – A separate sheet of paper can be used.

**Suggested Examination pattern:**

- 🎬 **Total numbers of credits are 2**
- 🎬 **Total number of units in semester- II & IV**



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- Total numbers of teaching hours per semester are 30
- Total Marks of University assessment are 35
- The exam pattern for II & IV semesters is comprise with followings;
  - (i) MCQs -10 marks (2 marks of each question)
  - (ii) Long/Short questions - 25 marks
  - (iii) Equal weight will be given to each unit
- Total Marks of internal assessment are 15 and exam will be conducted by each colleges followed according to University rules



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**Semester - II**

<b>1</b>	<b>Name of Course:</b>	<b>Integrated Personality Development Course-1</b>
<b>2</b>	<b>Proposed Faculty and Semester (If any):</b>	<b>Dr.Mahesh Barad</b>
<b>3</b>	<b>Name of Professors who have designed/framed the course:</b>	<b>Dr.Mahesh Barad</b>
	<b>Phone number:</b>	<b>9824878123</b>
	<b>Email Address:</b>	<b>drmahesh.kutch@gmail.com</b>
	<b>Affiliation:</b>	<b>KSKV Kachchh University</b>
<b>4</b>	<b>Total Credits: ___</b>	<b>Credit of Theory: 2 Total Hours of Teaching: 30</b> Credit of Practical:NA Total Hours of Practical:NA
<b>5</b>	<b>Significance of the proposed course:</b>	IPDC aims to prepare students for the modern challenges they face in their daily lives. Promoting fortitude in the face of failures, Unity amongst family discord, Self-discipline amidst Distractions and many more priceless lessons. The course focuses on morality and character development at the core of student growth, to enable students to become self-aware, sincere, and successful in their many roles - as an Ambitious Student, Reliable Employee, Caring family member, and considerate citizen.
<b>6</b>	<b>Expected outcome of the course:</b>	<ul style="list-style-type: none"> <li>☞ To provide students with a holistic value-based education that will enable them to be Successful in their academic, professional, and social lives.</li> <li>☞ To give the students the tools to develop effective habits, promote personal growth, and improve their well-being, stability, and productivity.</li> <li>☞ To allow students to establish a stronger connection with their family through critical thinking and development of qualities such as unity, forgiveness, empathy, and effective communication.</li> <li>☞ To provide students with soft skills that complement their hard skills, making them more marketable when entering the workforce.</li> <li>☞ To enhance awareness of India's glory and global values, and to create</li> </ul>



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		<p>considerate citizens who strive for the betterment of their family, college, workforce, and nation.</p> <p>📖 To inspire students to strive for a higher sense of character by learning from role models who have lived principled, disciplined, and value-based lives.</p>
7	Introduction	<p>The Need for Values</p> <p>Students will learn about the need for values as part of their holistic development to become successful in their many roles - as ambitious students, reliable employees, caring family members, and considerate citizens.</p>
	UNIT-1	<p><b>Module:</b> Remaking Yourself <b>Subject :</b> Restructuring Yourself</p> <p>Students learn how self-improvement enables them to secure a bright future for themselves. They will learn 6 powerful thought-processes that can develop their intellectual, physical, emotional, and spiritual quotients.</p>
	UNIT-2	<p><b>Module:</b> Remaking Yourself <b>Subject :</b> Power of Habit</p> <p>Students will undergo a study of how habits work, the habits of successful professionals, and the practical techniques that can be used to develop good habits in their life.</p>
	UNIT-3	<p><b>Module:</b> Learning from Legends <b>Subject :</b> Tendulkar &amp; Tata</p> <p>Students will learn from the inspirational lives of India's two legends, Sachin Tendulkar and Ratan Tata. They will implement these lessons through relatable case studies.</p>
	UNIT-4	<p><b>Module:</b> From House to Home <b>Subject :</b> Listening &amp; Understanding</p> <p>Active listening is an essential part of academic progress and communications. Students will learn to listen with their eyes, ears, mind, and heart.</p>
	UNIT-5	<p><b>Module:</b> Facing Failures <b>Subject :</b> Welcoming Challenges</p> <p>This lecture enables students to revisit the way in which they approach challenges. Through the study of successful figures such as Disney, Lincoln and Bachchan, students will learn to face difficulties through a positive perspective.</p>
	UNIT-6	<p><b>Module:</b> Facing Failures <b>Subject :</b> Significance of Failures</p> <p>Failure is a student's daily source of fear, negativity, and depression. Students will be given the constructive skills to understand failure as formative learning experiences.</p>
	UNIT-7	<p><b>Module:</b> My India My Pride <b>Subject :</b> Glorious Past -</p> <p>India's ancient Rishis, scholars, and intellectuals have made tremendous contributions to the world, they developed an advanced, sophisticated culture and civilization which began thousands of years ago. Students will learn the importance of studying India's</p>





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	Part 1	glorious past so that they could develop a strong passion and pride for our nation.	
UNIT-8	<b>Module:</b> My India My Pride <b>Subject :</b> Glorious Past - Part 2	Our ancient concepts can be used to seek revolutionary ideas and to generate inspiration. Students will develop a deeper interest in India's Glorious Past – by appreciating the need to read about it, research it, write about it, and share it.	
UNIT-9	<b>Module:</b> Learning from Legends <b>Subject :</b> A.P.J. Abdul Kalam	Dr Kalam's inspirational life displayed legendary qualities which apply to students (1) Dare to Dream (2) Work Hard (3) Get Good Guidance (4) Humility (5) Use Your Talents for the Benefit of Others	
UNIT-10	<b>Module:</b> Soft Skills <b>Subject :</b> Networking & Leadership	Students are taught the means of building a professional network and developing a leadership attitude.	
UNIT-11	<b>Module:</b> Soft Skills <b>Subject :</b> Project Management	Students will learn the secrets of project management through the Akshardham case study. They will then practice these skills through an activity relevant to student life.	
UNIT-12	<b>Module:</b> Remaking Yourself <b>Subject :</b> Handling Social Media	Students will learn how social media can become addictive and they will imbibe simple methods to take back control.	
UNIT-13	<b>Module:</b> Facing Failures <b>Subject :</b> Power of Faith	Students will learn about the power and necessity of faith in our daily lives.	
UNIT-14	<b>Module:</b> From House to Home <b>Subject :</b> Bonding the Family	Students will understand the importance of strong family relationships. They will learn how to overcome the generation gap and connect with their family more.	
UNIT-15	<b>Module:</b> Selfless Service <b>Subject :</b> Seva	Students will learn that performing seva is beneficial to one's health, wellbeing, and happiness. It also benefits and inspires others.	
<b>Education Materials (Reference Books, Web Link for materials/video/ MOOC etc.)</b>	<b>Module No.</b>	<b>Module</b>	<b>References</b>



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		<b>1</b>	Facing Failures	<ol style="list-style-type: none"> <li>1. Thomas Edison's factory burns down, New York Times Archives, Page 1, 10/12/1914</li> <li>2. Lincoln Financial Foundation, Abraham Lincoln's "Failures": Critiques, Forgotten Books, 2017</li> <li>3. J.K. Rowling Harvard Commencement Speech   Harvard University Commencement, 2008</li> <li>4. Born Again on the Mountain: A Story of Losing Everything and Finding It Back, Arunima Sinha, Penguin, 2014</li> <li>5. Failing Forward: Turning Mistakes Into Stepping Stones for Success, John C. Maxwell, Thomas Nelson, 2007</li> <li>6. Steve Jobs: The Exclusive Biography Paperback, Walter Isaacson, Abacus, 2015</li> <li>7. Failing Forward: Turning Mistakes Into Stepping Stones for Success, John C. Maxwell, Thomas Nelson, 2007</li> </ol>
		<b>2</b>	Learning from Legends	<ol style="list-style-type: none"> <li>1. Chase Your Dreams: My Autobiography, Sachin Tendulkar, Hachette India, 2017</li> <li>2. Playing It My Way: My Autobiography, Sachin Tendulkar, Hodder &amp; Stoughton, 2014</li> <li>3. The Wit and Wisdom of Ratan Tata, Ratan Tata, Hay House, 2018</li> <li>4. The Tata Group: From Torchbearers to Trailblazers, Shashank Shah, Penguin Portfolio, 2018</li> <li>5. The Leader Who Had No Title, Robin Sharma, Jaico Publishing House, 2010</li> <li>6. In the Joy of Others: A Life-Sketch of Pramukh Swami Maharaj, Mohanlal Patel and BAPS Sadhus, Swaminarayan Aksharpathi, 2013</li> </ol>
		<b>3</b>	My India My Pride	<ol style="list-style-type: none"> <li>1. Rishis, Mystics, and Heroes of India, Sadhu Mukundcharandas, Swaminarayan Aksharpathi, 2011</li> <li>2. Physics in Ancient India, Narayan Dongre, Shankar Nene, National Book Trust, 2016</li> <li>3. The Rise of Civilization in India and Pakistan, Raymond Allchin, Bridget Allchin, Cambridge University Press, 1982</li> <li>4. The Āryabhaṭīya of Āryabhaṭa: An Ancient Indian Work on Mathematics and Astronomy (1930), Walter Eugene Clark, University of Chicago Press, reprint, Kessinger Publishing, 2006</li> </ol>
		<b>4</b>	Remaking	<ol style="list-style-type: none"> <li>1. Power of Habit, Charles Duhigg, Random House Trade Paperbacks, 2014</li> </ol>



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			Yourself	<p>2. Change Your Habit, Change Your Life, Tom Corley, North Loop Books, 2016</p> <p>3. The Seven Habits of Highly Effective People, Stephen Covey, Simon &amp; Schuster, 2013</p> <p>4. Seven Habits of Highly Effective Teens, Sean Covey, Simon &amp; Schuster, 2012</p> <p>5. Atomic Habits, James Clear, Random House, 2018</p> <p>6. How a handful of tech companies control billions of minds every day, Tristan Harris, TED Talk, 2017</p>
		5	From House to Home	<p>1. “What Makes a Good Life? Lessons from the Longest Study on Happiness”, R. Waldinger, Ted Talks, 2015</p> <p>2. Long Walk To Freedom, Nelson Mandela, Back Bay Books, 1995</p> <p>3. Outliers, Malcolm Gladwell, Back Bay Books, 2011</p>
		6	Soft Skills	<p>1. The 17 Indisputable Laws of Teamwork, John Maxwell, HarperCollins, 2013</p> <p>2. Team of Teams: New Rules of Engagement for a Complex World, Stanley McChrystal, Portfolio, 2015</p> <p>3. Predictably Irrational, Revised and Expanded Edition: The Hidden Forces That Shape Our Decisions, Dan Ariely, Harper Perennial, 2010</p>
		7	Selfless Service	<p>1. Open: An Autobiography, Andre Agassi, Vintage, 10 August 2010</p> <p>2. The Physiological Power of Altruism [online], James Hamblin, The Atlantic, December 30, 2015, <a href="https://www.theatlantic.com/health/archive/2015/12/altruism-for-a-betterbody/422280/">https://www.theatlantic.com/health/archive/2015/12/altruism-for-a-betterbody/422280/</a> [last accessed June 10, 2020]</p> <p>3. TBI Blogs: From Entrepreneurs to Doorkeepers, Everybody Serves with Love &amp; Warmth at This Ahmedabad Café [online], The People Place Project, The Better India, May 29, 2017, <a href="https://www.thebetterindia.com/102551/small-way-serve-ahmedabad-seva-cafe/">https://www.thebetterindia.com/102551/small-way-serve-ahmedabad-seva-cafe/</a>, [last accessed June 10, 2020]</p>
8	<b>Total number of Units (Practical):</b>	N/A		
	<b>Details of topics (Practical):</b>	N/A		



**KSKV Kachchh University – Indian Knowledge System (IKS), Value Added Course (VAC) & Skill Enhancement Course (SEC)**

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	<b>Education Materials</b> (Reference Books, Web Link for materials/video/ MOOC etc.)	NA
9	<b>Suggested Examination pattern</b>	<b>Only Theory</b> (Offline/Online – teaching method)

**Note:**

- IKS/VAC/SEC content should be as per the guidelines mentioned in the following link [https://www.ugc.gov.in/pdfnews/3226446\\_Draft-Guidelines-for-Incorporating-Indian-Knowledge-System-in-Higher-Education-Curricula.pdf](https://www.ugc.gov.in/pdfnews/3226446_Draft-Guidelines-for-Incorporating-Indian-Knowledge-System-in-Higher-Education-Curricula.pdf)
- To design the courses, you may take following as reference only <https://swayam.gov.in/>
- The examination patter for the IKS/VAC/SEC will be – Total 50 Marks (including theory and practical) for each paper.
  - 30% - Internal
  - 70% - External
- Professor (Teacher) who have designed the course will be treated as Course Coordinator and will be responsible for conducting exams as well as assessment, etc.
- Format for drawing paper of theory and practical should attached in separate sheet of paper.
- In case if you need extra space – A separate sheet of paper can be used.



**KSKV Kachchh University – Indian Knowledge System (IKS), Value Added Course (VAC) & Skill Enhancement Course (SEC)**

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**Suggested Examination pattern:**

- Total numbers of credits are 2
- Total number of units in semester- 15
- Total numbers of teaching hours per semester are 30
- Total Marks of University assessment are 35
- The exam pattern for II & IV semesters is comprise with followings;
  - (i) MCQs -10 marks (2 marks of each question)
  - (ii) Long/Short questions - 25 marks
  - (iii) Equal weight will be given to each unit
- Total Marks of internal assessment are 15 and exam will be conducted by each colleges followed according to University rules



**KSKV Kachchh University – Indian Knowledge System (IKS), Value Added Course (VAC) & Skill Enhancement Course (SEC)**

**Semester - IV**

1	<b>Name of Course:</b>	<b>Integrated Personality Development Course-2</b>
2	<b>Proposed Faculty and Semester (If any):</b>	<b>Dr.Mahesh Barad</b>
3	<b>Name of Professors who have designed/ framed the course:</b>	<b>Dr.Mahesh Barad</b>
	<b>Phone number:</b>	<b>9824878123</b>
	<b>Email Address:</b>	<b>drmahesh.kutch@gmail.com</b>
	<b>Affiliation:</b>	<b>KSKV kachchh University – Bhuj</b>
4	<b>Total Credits:___</b>	<b>Credit of Theory: 2 Total Hours of Teaching: 30</b> Credit of Practical: NA Total Hours of Practical: NA
5	<b>Significance of the proposed course:</b>	IPDC aims to prepare students for the modern challenges they face in their daily lives. Promoting fortitude in the face of failures, Unity amongst family discord, Self-discipline amidst Distractions and many more priceless lessons. The course focuses on morality and character development at the core of student growth, to enable students to become self-aware, sincere, and successful in their many roles as an Ambitious Student, Reliable Employee, Caring family member, and considerate citizen.
6	<b>Expected outcome of the course:</b>	<ul style="list-style-type: none"> <li>☞ To provide students with a holistic value-based education that will enable them to be Successful in their academic, professional, and social lives.</li> <li>☞ To give the students the tools to develop effective habits, promote personal growth, and improve their well-being, stability, and productivity.</li> <li>☞ To allow students to establish a stronger connection with their family through critical thinking and development of qualities such as unity, forgiveness, empathy, and effective communication.</li> <li>☞ To provide students with soft skills that complement their hard skills, making</li> </ul>



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		<p>them more marketable when entering the workforce.</p> <ul style="list-style-type: none"> <li>☞ To enhance awareness of India’s glory and global values, and to create considerate citizens who strive for the betterment of their family, college, workforce, and nation.</li> <li>☞ To inspire students to strive for a higher sense of character by learning from role models who have lived principled, disciplined, and value-based lives.</li> </ul>	
7	UNIT-1	<p><b>Module:</b> Remaking Yourself <b>Subject :</b> Begin with the End in Mind</p>	Students will learn to visualize their future goals and will structure their lives through smart goals to give themselves direction and ultimately take them to where they want to go.
	UNIT-2	<p><b>Module:</b> Remaking Yourself <b>Subject :</b> Being Addiction-Free</p>	Students will explore the detrimental effects of addictions on one's health, personal life, and family life. They will learn how to take control of their life by becoming addiction free.
	UNIT-3	<p><b>Module:</b> Selfless Service <b>Subject :</b> Case Study: Disaster Relief</p>	Students will apply previous lessons of seva, to analyse the case study of the Bhuj earthquake relief work.
	UNIT-4	<p><b>Module:</b> Soft Skills <b>Subject :</b> Teamwork &amp; Harmony</p>	Students will learn the six steps of teamwork and harmony that are essential for students' professional and daily life.
	UNIT-5	<p><b>Module:</b> My India My Pride <b>Subject :</b> Present Scenario</p>	To implement the transformation of India from a developing country into a developed country it is necessary to have a value-based citizen. Students will see how the transformation to a greater India relies on the vision and efforts of themselves as a youth.
	UNIT-6	<p><b>Module:</b> Learning from Legends <b>Subject :</b> Leading Without Leading</p>	Students will explore a new approach to leadership, through humility.
	UNIT-7	<p><b>Module:</b> My India My Pride <b>Subject :</b> An Ideal Citizen - 1</p>	Students will learn that to become value-based citizens, they must first develop good values in their lives. They start by exploring the values of responsibility and integrity.
	UNIT-8	<p><b>Module:</b> My India My Pride <b>Subject :</b> An</p>	Students will learn that by developing the values of loyalty, sincerity, and punctuality; they become indispensable and can leave a strong impression. They will start developing these values by trying to keep



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	Ideal Citizen - 2	perfection in every small task and by looking at the bigger picture.	
UNIT-9	<b>Module:</b> Facing Failures <b>Subject :</b> Timeless Wisdom for Daily Life	Students will learn the role wisdom plays in finding long-term stability. They will use ancient wisdom to solve their modern-day challenges.	
UNIT-10	<b>Module:</b> From House to Home <b>Subject :</b> Forgive & Forget	Students will understand the importance and benefits that forgiveness plays in their personal and professional life. They will learn to apply this knowledge in realistic situations.	
UNIT-11	<b>Module:</b> Remaking Yourself <b>Subject :</b> Stress Management	Students will learn to cope with current and future causes of stress.	
UNIT-12	<b>Module:</b> Remaking Yourself <b>Subject :</b> Better Health Better Future	A healthy body prevents disease and stress; increases positivity, productivity, and brainpower. Students will learn to maintain good health through regular exercise, healthy eating habits, and regular and sufficient sleep.	
UNIT-13	<b>Module:</b> Learning from Legends <b>Subject :</b> Words of Wisdom	A panel of learned and experienced mentors will personally answer practical questions that students face in their daily life.	
UNIT-14	<b>Module:</b> Soft Skills <b>Subject :</b> Financial Planning	Students will develop a variety of practical financial skills that prepare them to become financially stable throughout their future careers.	
UNIT-15	<b>Module:</b> Remaking Yourself <b>Subject :</b> Impact of Company	Students will understand that the type of company that we keep, has a crucial role in determining who we are and who we will become. They will develop the ability to create a positive environment around them.	
Concluding	Life After IPDC	This concluding lecture encourages students to keep practising these priceless lessons and prepares them for the next steps in their lives.	
<b>Education Materials</b> (Reference Books, Web Link for materials/video/	Module No.	Module	References





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MOOC etc.)			
	<b>1</b>	Facing Failures	<ol style="list-style-type: none"> <li>1. Thomas Edison’s factory burns down, New York Times Archives, Page 1, 10/12/1914</li> <li>2. Lincoln Financial Foundation, Abraham Lincoln's "Failures": Critiques, Forgotten Books, 2017</li> <li>3. J.K. Rowling Harvard Commencement Speech   Harvard University Commencement, 2008</li> <li>4. Born Again on the Mountain: A Story of Losing Everything and Finding It Back, Arunima Sinha, Penguin, 2014</li> <li>5. Failing Forward: Turning Mistakes Into Stepping Stones for Success, John C. Maxwell, Thomas Nelson, 2007</li> <li>6. Steve Jobs: The Exclusive Biography Paperback, Walter Isaacson, Abacus, 2015</li> <li>7. Failing Forward: Turning Mistakes Into Stepping Stones for Success, John C. Maxwell, Thomas Nelson, 2007</li> </ol>
	<b>2</b>	Learning from Legends	<ol style="list-style-type: none"> <li>1. Chase Your Dreams: My Autobiography, Sachin Tendulkar, Hachette India, 2017</li> <li>2. Playing It My Way: My Autobiography, Sachin Tendulkar, Hodder&amp; Stoughton, 2014</li> <li>3. The Wit and Wisdom of Ratan Tata, Ratan Tata, Hay House, 2018</li> <li>4. The Tata Group: From Torchbearers to Trailblazers, Shashank Shah, Penguin Portfolio, 2018</li> <li>5. The Leader Who Had No Title, Robin Sharma, Jaico Publishing House, 2010</li> <li>6. In the Joy of Others: A Life-Sketch of Pramukh Swami Maharaj, Mohanlal Patel and BAPS Sadhus, Swaminarayan Aksharpathi, 2013</li> </ol>
	<b>3</b>	My India My Pride	<ol style="list-style-type: none"> <li>1. Rishis, Mystics, and Heroes of India, Sadhu Mukundcharandas, Swaminarayan Aksharpathi, 2011</li> <li>2. Physics in Ancient India, Narayan Dongre, Shankar Nene, National Book Trust, 2016</li> <li>3. The Rise of Civilization in India and Pakistan, Raymond Allchin, Bridget Allchin, Cambridge University Press, 1982</li> <li>4. The Āryabhaṭīya of Āryabhaṭa: An Ancient Indian Work on Mathematics and Astronomy (1930), Walter Eugene Clark, University of Chicago Press, reprint, Kessinger Publishing, 2006</li> </ol>
	<b>4</b>	Remaking	<ol style="list-style-type: none"> <li>1. Power of Habit, Charles Duhigg, Random House Trade Paperbacks, 2014</li> </ol>



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			<p>Yourself</p> <ol style="list-style-type: none"> <li>2. Change Your Habit, Change Your Life, Tom Corley, North Loop Books, 2016</li> <li>3. The Seven Habits of Highly Effective People, Stephen Covey, Simon &amp; Schuster, 2013</li> <li>4. Seven Habits of Highly Effective Teens, Sean Covey, Simon &amp; Schuster, 2012</li> <li>5. Atomic Habits, James Clear, Random House, 2018</li> <li>6. How a handful of tech companies control billions of minds every day, Tristan Harris, TED Talk, 2017</li> </ol>
		5	<p>From House to Home</p> <ol style="list-style-type: none"> <li>1. “What Makes a Good Life? Lessons from the Longest Study on Happiness”, R. Waldinger, Ted Talks, 2015</li> <li>2. Long Walk To Freedom, Nelson Mandela, Back Bay Books, 1995</li> <li>3. Outliers, Malcolm Gladwell, Back Bay Books, 2011</li> </ol>
		6	<p>Soft Skills</p> <ol style="list-style-type: none"> <li>1. The 17 Indisputable Laws of Teamwork, John Maxwell, HarperCollins, 2013</li> <li>2. Team of Teams: New Rules of Engagement for a Complex World, Stanley McChrystal, Portfolio, 2015</li> <li>3. Predictably Irrational, Revised and Expanded Edition: The Hidden Forces That Shape Our Decisions, Dan Ariely, Harper Perennial, 2010</li> </ol>
		7	<p>Selfless Service</p> <ol style="list-style-type: none"> <li>1. Open: An Autobiography, Andre Agassi, Vintage, 10 August 2010</li> <li>2. The Physiological Power of Altruism [online], James Hamblin, The Atlantic, December 30, 2015, <a href="https://www.theatlantic.com/health/archive/2015/12/altruism-for-a-betterbody/422280/">https://www.theatlantic.com/health/archive/2015/12/altruism-for-a-betterbody/422280/</a> [last accessed June 10, 2020]</li> <li>3. TBI Blogs: From Entrepreneurs to Doorkeepers, Everybody Serves with Love &amp; Warmth at This Ahmedabad Café [online], The People Place Project, The Better India, May 29, 2017, <a href="https://www.thebetterindia.com/102551/small-way-serve-ahmedabad-seva-cafe/">https://www.thebetterindia.com/102551/small-way-serve-ahmedabad-seva-cafe/</a>, [last accessed June 10, 2020]</li> </ol>
8	<b>Total number of Units (Practical):</b>	N/A	
	<b>Details of topics</b>	N/A	



**KSKV Kachchh University – Indian Knowledge System (IKS), Value Added Course (VAC) & Skill Enhancement Course (SEC)**

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	<b>Education Materials</b> (Reference Books, Web Link for materials/video/ MOOC etc.)	<b>NA</b>
<b>9</b>	<b>Suggested Examination pattern</b>	<b>Only Theory (Offline/Online – teaching method)</b>

**Note:**

- IKS/VAC/SEC content should be as per the guidelines mentioned in the following link [https://www.ugc.gov.in/pdfnews/3226446\\_Draft-Guidelines-for-Incorporating-Indian-Knowledge-System-in-Higher-Education-Curricula.pdf](https://www.ugc.gov.in/pdfnews/3226446_Draft-Guidelines-for-Incorporating-Indian-Knowledge-System-in-Higher-Education-Curricula.pdf)
- To design the courses, you may take following as reference only <https://swayam.gov.in/>
- The examination patter for the IKS/VAC/SEC will be – Total 50 Marks (including theory and practical) for each paper.
  - 30% - Internal
  - 70% - External
- Professor (Teacher) who have designed the course will be treated as Course Coordinator and will be responsible for conducting exams as well as assessment, etc.
- Format for drawing paper of theory and practical should be attached in separate sheet of paper.
- In case if you need extra space – A separate sheet of paper can be used.



**KSKV Kachchh University – Indian Knowledge System (IKS), Value Added Course (VAC) & Skill Enhancement Course (SEC)**

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**Suggested Examination pattern:**

- Total numbers of credits are 2
- Total number of units in semester- 15
- Total numbers of teaching hours per semester are 30
- Total Marks of University assessment are 35
- The exam pattern for II & IV semesters is comprise with followings;
  - (i) MCQs -10 marks (2 marks of each question)
  - (ii) Long/Short questions - 25 marks
  - (iii) Equal weight will be given to each unit
- Total Marks of internal assessment are 15 and exam will be conducted by each colleges followed according to University rules



**KSKV Kachchh University – Format of Syllabus for Indian Knowledge System (IKS), Value Added Course (VAC) and Skill Enhancement Course (SEC)**

**Semester - I**

1	<b>Name of Course:</b>	<b>Bhagavad Gita and Life Management</b>
2	<b>Proposed Faculty and Semester (If any):</b>	<b>Swami Pradiptanandji and few other scholars as decided by the committee.</b>
3	<b>Name of Professors who have designed/ framed the course:</b>	<b>(1) Swami Pradeeptanandji (2) Dr Kanishk Shah (3) Dr Jyotindra Bhatt</b>
	<b>Phone number:</b>	<b>(1) 9998815809 (2) 9426591752</b>
	<b>Email Address:</b>	<b><a href="mailto:shakanishk@gmail.com">shakanishk@gmail.com</a> <a href="mailto:jyotindrajbhatt@gmail.com">jyotindrajbhatt@gmail.com</a></b>
	<b>Affiliation:</b>	<b>Shree Daxinamurti Trust, Coimbatore and KSKV Kachchh University, Bhuj</b>
4	<b>Total Credits:___</b>	<b>Credit of Theory: 2 Total Hours of Teaching: 30 Credit of Practical: NA Total Hours of Practical: NA</b>
5	<b>Significance of the course with reference to Indian Knowledge System (IKS):</b>	<b>Gitaji is a part of Smriti literature as it is a part of Mahabharat which forms the Brightest ever History as far as IKS is concerned this is timeless and relevant even after 5000 years. The applications of this scripture are significant for life management.</b>
6	<b>Expected outcome of the course:</b>	<ol style="list-style-type: none"> <li>1. Awareness towards IKS in general and Bhagavad Gita in specific</li> <li>2. In this competitive world this will help students cope up with the 21<sup>st</sup> century challenges of stress, peer pressure, work life balance and specifically spiritual development.</li> <li>3. It will reduce the suicidal tendencies in students</li> <li>4. Help to develop Emotional Quotient (EQ)</li> <li>5. Help in developing positivity towards life and every creature of the world.</li> <li>6. Ultimately positive outlook towards life lead a happy life</li> </ol>
7	<b>UNIT 1: Need, Origin and impact of Bhagavad Gita</b>	<b>Bhagavad Gita:</b> Fundamental problems of human life and its answers in Bhagavad Gita; <b>History:</b> Mahabharat, Ved Vyasji (Introduction to Ved); Impact of Bhagavad Gita on successful people of different domains.



**KSKV Kachchh University – Format of Syllabus for Indian Knowledge System (IKS), Value Added Course (VAC) and Skill Enhancement Course (SEC)**

	<p><b>UNIT – II:</b>  <b>Introduction to Bhagavad Gita –</b>  <b>A Psychological analysis of human mind and Life changing mantras from Bhagavad Gita</b></p>	<p><b>Origin of Bhagavad Gita:</b> Arjun- Duryodhan episode, Dhritrashtra Ved Vyas –episode, Kurukshetra battle field.</p> <p><b>Basic Introduction of Bhagavad Gita</b>          Psychological Analysis of Arjuna’s mind set: An insight into human dilemma.          Address the person not the question: Bhagwan Shri Krishna’s initial response to Arjuna’s dilemma.          Arjun’s transformation: Characteristics of an ideal student.          (2/7.8)</p> <p><b><u>Selected (8)10 Life changing mantras from Bhagavad Gita form 10 mantras symbol / icon</u></b></p> <ol style="list-style-type: none"> <li>1. “<i>Na hanyate hanyamane sharire</i>” (Adhyay-2,Shlok –20)</li> <li>2. “<i>Karmanyevadhikaraste</i>” (Adhyay-2,Shlok –47)</li> <li>3. “<i>Ma te sangotst akarmani</i>” (Adhyay-2,Shlok –47)</li> <li>4. “<i>Yogasthah kuru karmani</i>” (Adhyay-2,Shlok –48)</li> <li>5. “<i>Siddhya shddyoho samobhutva</i>” (Adhyay -2,Shlok –48)</li> <li>6. “<i>Buddhi nashat pranashyati</i>”(Adhyay -2,Shlok –63)</li> <li>7. “<i>Prasade sarva dukhanam hani</i>”(Adhyay-2,Shlok –65)</li> <li>8. “<i>Swadharme nidhanam shreyah</i>”(Adhyay-3,Shlok–35)</li> <li>9. “<i>Uddhredatmnatmanam natmanamvsadyet</i>” (Adhyay -6,Shlok –5)</li> <li>10. “<i>Na me bhaktah pranashyiti</i>” (Adhyay -9,Shlok–31)</li> </ol>
	<p><b>Education Materials</b>          (Reference Books, Web Link for materials/video/ MOOC etc.)</p>	<ol style="list-style-type: none"> <li>1. <b>Bhagavad Gita with translation by Gita press Gorakhpur</b></li> <li>2. <b>The Teachings of Bhagavad Gita by Swami Dayanand</b></li> <li>3. <b>Bhagavad Gita by Swami Viditaatmaanand</b></li> </ol>
<p><b>8</b></p>	<p><b>Total number of Units (Practical):</b></p> <p><b>Details of topics (Practical):</b></p>	<p>N/A</p> <p>N/A</p>



**KSKV Kachchh University – Format of Syllabus for Indian Knowledge System (IKS), Value Added Course (VAC) and Skill Enhancement Course (SEC)**

	<b>Education Materials</b> (Reference Books, Web Link for materials/video/ MOOC etc.)	N/A
<b>9</b>	<b>Suggested Examination pattern</b>	<b>Only Theory</b> (Offline/Online – teaching method)

**Note:**

- VAC content should be as per the guidelines mentioned in the following link [https://www.ugc.gov.in/pdfnews/3226446\\_Draft-Guidelines-for-Incorporating-Indian-Knowledge-System-in-Higher-Education-Curricula.pdf](https://www.ugc.gov.in/pdfnews/3226446_Draft-Guidelines-for-Incorporating-Indian-Knowledge-System-in-Higher-Education-Curricula.pdf)
- To design the courses, you may take following as reference only <https://swayam.gov.in/>
- The examination patter for the VAC will be – Total 100 Marks (including theory and practical) for each paper.
  - 30% - Internal
  - 70% - External
- Professor (Teacher) who have designed the course will be treated as Course Coordinator and will be responsible for conducting exams as well as assessment, etc.
- Format for drawing paper of theory and practical should attached in separate sheet of paper.
- In case if you need extra space – A separate sheet of paper can be used.

**Suggested Examination pattern:**

- Total numbers of credits are 2
- Total number of units in semester-1 & 3 are 2
- Total numbers of teaching hours per semester are 30
- Total Marks of University assessment are 35
- The exam pattern for 1 & 3 semesters is comprise with followings;
  - (i) MCQs -10 marks (2 marks of each question)
  - (ii) Long/Short questions - 25 marks
  - (iii) Equal weight will be given to each unit
- Total Marks of internal assessment are 15 and exam will be conducted by each colleges followed according to University rules

**Semester - III**



**KSKV Kachchh University – Format of Syllabus for Indian Knowledge System (IKS), Value Added Course (VAC) and Skill Enhancement Course (SEC)**

1	Name of Course:	Bhagavad Gita and Life Management
2	Proposed Faculty and Semester (If any):	Swami Pradiptanandji and few other scholars as decided by the committee.
3	Name of professor who have designed/frame the course:	(1) Swami Pradeeptanandji (2) Dr Kanishk Shah (3) Dr Jyotindra Bhatt
	Phone number:	(1) 9998815809 (2) 9426591752
	Email Address:	<a href="mailto:shakanishk@gmail.com">shakanishk@gmail.com</a> <a href="mailto:jyotindrajbhatt@gmail.com">jyotindrajbhatt@gmail.com</a>
	Affiliation:	Shree Daxinamurti Trust – Coimbatore, KSKV Kachchh University - Bhuj
4	Total Credits:___	Credit of Theory: 2 Total Hours of Teaching: 30 Credit of Practical:___ Total Hours of Practical:___
5	Significance of the course with reference to Indian Knowledge System (IKS):	Gitaji is a part of Smriti literature as it is a part of Mahabharat which forms the Brightest every Itihaas as far as IKS is concerned this is timeless and relevant even after 5000 years. The applications of this scripture is significant for life management.
6	Expected outcome of the course:	1. Awareness towards IKS in general and Bhagavad Gita in specific 2. In this competitive world this will help students cope up with the 21 <sup>st</sup> century challenges of stress, peer pressure, work life balance and specifically spiritual development. 3. It will reduce the suicidal tendencies in students 4. Help to develop Emotional Quotient (EQ) 5. Help in developing positivity towards life and every creature of the world. 6. Ultimately positive outlook towards life lead a happy life
7	UNIT 1 :  Karma Yog	Introduction to Karma and Karma Yog: Freedom of actions and inactions, management of likes and dislikes, attitude towards end goals (Karm Fal), 2/47, 60, 61 Difference between Karm and Sankhya (Knowledge) Importance of performing one's duties. Inner growth through performance of one's duties





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	<p><b>UNIT – II:</b> <b>Emotions Management and Bhagavad Gita as self-transformer</b></p>	<p>(Swadharma Nishta) 3/35.8 Importance of co- existence with nature ( human contribution with the spirit of Yagna Bhaavna) 4/24 to 33 Ideal duties of role models of the society.3/21</p> <p>Emotional Maturity: What are root causes of improper actions? 3/36.37 Compulsive behaviour to Conscious behaviour 3/38,39,40 Anger Management Stress Management</p> <p>Bhagavad Gita for Self-Transformation: Wisdom of decision making 6/5,6 Meditation: Meaning, process, purpose and significance of meditation, common mistakes while meditating. 6/13 to 19 Challenges and significance of Focus 6/34 to 36 Life after death (Yogbrasht) 6/40 to 44 Summarizing the concepts</p>
	<p><b>Education Materials</b> (Reference Books, Web Link for materials/video/ MOOC etc.)</p>	<p><b>1. Bhagavad Gita with translation by Gita press Gorakhpur</b> <b>2. The Teachings of Bhagavad Gita by Swami Dayanand</b> <b>3. Bhagavad Gita by Swami Viditaatmaanand</b></p>
<p><b>8</b></p>	<p><b>Total number of Units (Practical):</b></p> <p><b>Details of topics (Practical):</b></p>	<p>N/A</p> <p>N/A</p>
	<p><b>Education Materials</b> (Reference Books, Web Link for materials/video/ MOOC etc.)</p>	<p>NA</p>



**KSKV Kachchh University – Format of Syllabus for Indian Knowledge System (IKS), Value Added Course (VAC) and Skill Enhancement Course (SEC)**

<b>9</b>	<b>Suggested Examination pattern</b>	<b>Only Theory (Offline) * See the last para.</b>
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**Note:**

- VAC content should be as per the guidelines mentioned in the following link [https://www.ugc.gov.in/pdfnews/3226446\\_Draft-Guidelines-for-Incorporating-Indian-Knowledge-System-in-Higher-Education-Curricula.pdf](https://www.ugc.gov.in/pdfnews/3226446_Draft-Guidelines-for-Incorporating-Indian-Knowledge-System-in-Higher-Education-Curricula.pdf)
- To design the courses, you may take following as reference only <https://swayam.gov.in/>
- The examination patter for the VAC will be – Total 100 Marks (including theory and practical) for each paper.
  - 30% - Internal
  - 70% - External
- Professor (Teacher) who has designed the course will be treated as Course Coordinator and will be responsible for conducting exams as well as assessment, etc.
- Format for drawing paper of theory and practical should attach in separate sheet of paper.
- In case if you need extra space – A separate sheet of paper can be used.

**Suggested Examination pattern:**

- **Total numbers of credits are 2**
- **Total number of units in semester-1 & 3 are 2**
- **Total numbers of teaching hours per semester are 30**
- **Total Marks of University assessment are 35**
- **The exam pattern for 1 & 3 semesters is comprise with followings;**
  - (i) MCQs -10 marks (2 marks of each question)**
  - (ii) Long/Short questions - 25 marks**
  - (iii) Equal weight will be given to each unit**
- **Total Marks of internal assessment are 15 and exam will be conducted by each colleges followed according to University rules**