


**PERIYAR UNIVERSITY**  
**PERIYAR PALKALAI NAGAR**  
**SALEM – 636 011**



**COMMON PAPER FOR ALL UNDER GRADUATE  
PROGRAMMEE**

**CHOICE BASED CREDIT SYSTEM  
SYLLABUS FOR VALUE EDUCATION**

**FOR THE STUDENTS ADMITTED FROM THE  
ACADEMIC YEAR 2017-2018 ONWARDS**

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**SENGUNTHAN ARTS AND SCIENCE COLLEGE**  
**TIRUCHENGODE - 637 204.**



Since 1991

**SENGUNTHAR ARTS AND SCIENCE COLLEGE**  
(Affiliated to Periyar University, Salem and Approved by AICTE, New Delhi)  
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Recognised under section 2(f) and 12(B) of the UGC Act 1956  
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<b>S.NO.</b>	<b>UG COURSES</b>
1	<b>B.A. TAMIL</b>
2	<b>B.A. ENGLISH</b>
3	<b>BCOM</b>
4	<b>B.B.A.</b>
5	<b>BCOM (CA)</b>
6	<b>B.Sc. ELECTRONICS AND COMMUNICATION</b>
7	<b>B .Sc. COMPUTER SCIENCE</b>
8	<b>B.C.A.</b>
9	<b>B.Sc.MATHEMATICS</b>
10	<b>B.Sc.MICROBIOLOGYy</b>
11	<b>B.Sc.BIOTECHONLOGY</b>
12	<b>B.Sc.PHYSICS</b>
13	<b>B.Sc.CHEMISTRY</b>
14	<b>B.Sc.BIOCHEMISTRY</b>
15	<b>B.Sc..BOTANY</b>

## Value Education

Total : 30 Hours

### Objectives

To understand physical body and Health concepts

To have the basic Knowledge on Simplified Physical Exercises and Asanas and Meditation

To Introspect and improve the behaviors

To inculcate cultural behavioral patterns

### நோக்கம் :

உடல்நலம் பற்றித் தெளிதல்

உடற்பயிற்சி, யோகாசனங்கள் கற்றுக் கொள்ளல்

அகத்தாய்வுப் பயிற்சிகளைக் கற்றுக் கொள்ளுதல்

நல்லொழுக்க பண்பாட்டு முறைகளை கற்பித்தல்

### Unit : 1 Yoga and Physical Health


Health - Meaning and Definition - Physical Structure - Three bodies - Five limitations - Simplified Physical Exercises - Hand, Leg, Breathing, Eye exercises - Kapalabathi, Makarasana 1,2 , Massage, Acu pressure, Relaxation exercises - Yogasanas - Surya namaskar - Padmasana - Vajrasana - Ardha katti Chakrasana - Viruchasana - Yogamudra - Patchimothasana - Ustrasana - Vakkarasana - Salabasana

#### அலகு 1 : யோகமும் உடல்நலமும்

வாழ்க்கை நலம் - உடலமைப்பு - மூன்று உடல்கள் - ஐந்தில் அளவுமுறை - எளியமுறை உடற்பயிற்சி - கை, கால், மூச்சு, கண் பயிற்சிகள் - கபாலபதி, மகராசனம், உடல் வருடுதல், அக்கு பிரஷர், உடல் தளர்த்தல் பயிற்சி முறை - ஆசனம் - சூரிய வணக்கம் - பத்மாசனம் - வஜ்ராசனம் - அர்த்த கட்டி சக்கராசனம் - விருச்சாசனம் (ஏகபாதாசனம்) - யோகமுத்ரா - பச்சி மோத்தாசனம் - உஸ்ட்ராசனம் - வக்கராசனம் - சலபாசனம்

### Unit - 2 : Greatness of Life Force and Mind

Maintaining youthfulness - Postponing the ageing process - Sex and spirituality - Significance of sexual vital fluid - Married life - Chastity - Development of mind in stages - Mental Frequencies - Methods for Concentration - Meditation and its Benefits

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**அலகு 2 : உயிர்வளமும் மனவளமும்**

இளமை காத்தல் - முதுமையைத் தள்ளிப் போடுதல் - பால் உணர்வும் ஆன்மிகமும் -  
வித்தின் மகிமை - இல்லறவாழ்வு - கற்புநெறி - மனம் அறிவாக இயங்கும் பத்துப் படி  
நிலைகள் - மன அலைச்சுழல் - தவ நிலைகள் - தவத்தின் பயன்கள்

### **Unit - 3 : Personality Development - Sublimation**

Purpose and Philosophy of Life - Introspection - Analysis of Thought - Moralization of  
Desire - Analysis and practice - Neutralization of Anger - Strengthening of will-power

**அலகு 3 : குணநலப்பேறு**

வாழ்வின் நோக்கமும், வாழ்க்கைத் தத்துவமும் - அகத்தாய்வு - எண்ணம் ஆராய்தல் -  
ஆசை சீரமைத்தல் - பயிற்சி - சினம் தவிர்த்தல் - சினத்தை வெல்ல ஒரு சீரிய பயிற்சி  
முறை

### **Unit - 4 : Human Resources Development**

Eradication of Worries - Analysis and Eradication practice - Benefits of Blessings - Effect  
of good vibrations - Greatness of Friendship - Guidance for good Friendship - Individual  
Peace and world peace - Good cultural behavioral patterns

**அலகு 4 : மனிதவள மேம்பாடு**

கவலை ஒழித்தல் - கவலை ஒழித்தல் பயிற்சி முறை - வாழ்த்தும் பயனும் - அலை  
இயக்கம் - நட்பு நலம் - நல்ல நட்பு - தனிமனித அமைதி - உலக அமைதி -  
நல்லொழுக்க பண்பாட்டு முறைகள்

### **Unit - 5 : Law of Nature**

Unified force - Cause and effect system - Purity of thought deed and Genetic Centre - Love  
and Compassion - Gratitude - Cultural Education - Fivefold culture


**அலகு 5 : இயற்கை நியதி**

ஒருங்கிணைப்பு ஆற்றல் - செயல்விளைவுத் தத்துவம் - கருமையத்தூய்மைக்கும்  
வளத்துக்கும் ஏற்ற செயல்கள் - அன்பும் கருணையும் - நன்றியுணர்வு - பண்பாட்டுக்கல்வி  
- ஐந்தொழுக்கப் பண்பாடு

**Note: Practical orientation be introduced to the learners**


#### **Text Books:**

1. Value Education - World Community Service centre, Vethathiri Publications,  
Erode.
2. மனவளக்கலை யோகா - உலக சமுதாய சேவா சங்கம், வேதாத்திரி  
பதிப்பகம்,  
ஈரோடு.

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**Reference Books:**

1. Vethathiri Maharishi, 2011, Journey of Consciousness, Erode, Vethathiri Publications.
2. Vethathiri Maharishi, 2014, Simplified Physical Exercises, Erode, Vethathiri Publications.
3. Vethathiri Maharishi, 2004, Unified force, Erode, Vethathiri Publications
4. Yoga for Modern age - Thathuvagnani Vethathiri Maharishi
5. Sound Health through yoga – Dr. K. Chandrasekaran, November 1999 Prem Kalyan Publications, Madurai
6. Light on yoga - BKS.lyenger
7. எளியமுறை உடற்பயிற்சி - வேதாத்திரி மகரிஷி, முதல் பதிப்பு 1984, 91ஆம் பதிப்பு 2016, ஈரோடு வேதாத்திரி பதிப்பகம்.
8. Thathuvagnani Vethathiri Maharishi – Kayakalpa yoga – First Edition 2009 – Vethathiri Publications, Erode.
9. Environmental Studies - Bharathidasan University Publication Division

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## COURSE OUTCOME FOR VALUE EDUCATION

Course	Course outcome
<p><b>Value Education</b> (UG common paper)</p>	<p>CO1. Understanding concepts of yoga and health.</p> <p>CO2. Implementing the concepts of life, mental health ,mediation and its benefits.</p> <p>CO3 .Analysis of thoughts and strengthening of will power</p> <p>CO4.Develop the human resource and Good cultural behavioural patterns</p> <p>CO5. Access the natural things related to yoga.</p>



  
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**SCHEME OF EXAMINATIONS FROM THE ACADEMIC YEAR  
2017-2018 CREDITS DISTRIBUTION AS PER THE UNIVERSITY  
NORMS.**

SEMESTER	I	II	III	IV	V	VI	Total Credits
PART - I	3	3	3	3	-	-	12
PART - II	3	3	3	3	-	-	12
ALLIED	4	6	4	6	-	-	20
MAJOR	6	4	7	4	12	8	41
PRATICAL	4	4	4	4	4	4	24
ELECTIVE	-	-	-	-	5	10	5
SBEC	-	2	-	2	4	4	12
NMEC	-	-	2	2	-	-	4
EVS	-	2	-	-	-	-	2
VALUE EDUCATION	2	-	-	-	-	-	2
EXTENSION ACTIVITY	-	-	-	-	-	1	1
Cumulative Total Credits	22	24	23	24	25	27	145

PERIYAR UNIVERSITY

**COURSE OF STUDY AND SCHEME OF EXAMINATION**


Part	Paper Code	Subject Title	Hours			Credits	Marks		
			Lec	T	Lab		CIA	EA	Total
SEMESTER I									
I	Core I	Tamil I	6	-	3	25	75	100	
II		English I	6	-	3	25	75	100	
II		Computer Applications for Automation	5	-	5	25	75	100	
III		Practical - I	Office Automation	-	4	4	40	60	100
III		Allied I		7	-	1	25	75	100
IV		Value Education	Yoga	2	-	2	25	75	100
		Total	26	4	21	165	435	600	
SEMESTER II									
I	Core II	Tamil II	6	-	3	25	75	100	
II		English II	6	-	3	25	75	100	
III		C Programming	4	-	4	25	75	100	
III		Practical II	Programming in C	-	3	4	40	60	100
III		Allied II		4	-	3	25	75	100
III		Allied III		4	-	3	25	75	100
IV	SBEC - I	Internet and its Applications	1	1	2	25	75	100	
IV	Environment Studies		1	-	2	25	75	100	
		Total	26	4	24	215	585	800	

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<https://www.yumpu.com/en/document/read/25238615/common-paper-for-all-ug-programmes-periyar-university>

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**MASTER OF SCIENCE IN COMPUTER SCIENCE**

**(M.Sc Computer Science)**

**SEMESTER PATTERN**

**Under Choice Based Credit System**

**REGULATIONS AND SYLLABUS**

**FOR AFFILIATED COLLEGES**

**(Effective from the Academic year 2017-2018 onwards)**

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<b>S.NO.</b>	<b>PG COURSES</b>
<b>1</b>	<b>M.COM. CORPORATE SECRETARYSHIP</b>
<b>2</b>	<b>M.A. ENGLISH</b>
<b>3</b>	<b>M.COM.</b>
<b>4</b>	<b>M.C.A.</b>
<b>5</b>	<b>M.Sc. COMPUTER SCIENCE</b>
<b>6</b>	<b>M.Sc. BIOTECHONLOGY</b>
<b>7</b>	<b>M.Sc. APPLIED MICROBIOLOGY</b>
<b>8</b>	<b>M.Sc.BIOCHEMISTRY</b>
<b>9</b>	<b>M.Sc.MATHEMATICS</b>

## Human Rights to all PG courses

### 5. STRUCTURE OF M.Sc., (Computer Science) PROGRAMME UNDER CBCS PATTERN FOR AFFILIATED COLLEGES (FROM 2017 AND THEREAFTER)

#### CURRICULUM AND SCHEME OF EXAMINATIONS

Courses	Number of Credits	Hours Per Week	Exam Duration (hrs)	Marks		
				CIA	EA	Total
Semester-I						
Core Course-I-17PCS01- Design and Analysis of Algorithms	4	4	3	25	75	100
Core Course-II-17PCS02- Advanced Computer Architecture	4	4	3	25	75	100
Core Course-III-17PCS03- Advanced Java Programming	4	4	3	25	75	100
Core Course-IV-17PCS04- Principles of Programming Languages	4	4	3	25	75	100
Core Course-V-17PCS05- Advanced Operating Systems	4	4	3	25	75	100
Core Course-VI - 17PCSP01- Lab – I - Advanced Java Programming Lab	2	5	3	40	60	100
Core Course-VII- 17PCSP02- Lab - II Algorithms Using C++ Lab	2	5	3	40	60	100
Semester-II						
Core Course-VIII-17PCS06- .NET Programming	4	4	3	25	75	100
Core Course-IX - 17PCS07- Discrete Structures	4	4	3	25	75	100
Core Course-X-17PCS08- Data Mining Techniques	4	4	3	25	75	100
Elective Course I - 17PCSE__	4	4	3	25	75	100
EDC –I	4	4	3	25	75	100
Core Course-XI-17PCSP03- Lab – III .Net Programming Lab	2	4	3	40	60	100
Core Course-XII-17PCSP04- Lab – IV Data Mining Lab	2	4	3	40	60	100
17PHR01 - Human Rights	-	2	3	25	75	100*

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## Human Rights - Syllabus

### Objective

To impart the basic ideas about human rights at post graduation level. This paper provides different aspects of human rights which includes children and women. Students can learn not only their basic rights but also can understand the duties to be carried out in the days to come.

### Unit I: Introduction to Human Rights

Human Rights : Meaning – Definitions – Origin and Growth of human rights in the world – Need and types of Human Rights – UNHRC (United Nations Human Rights Commission) – Human Rights in India.

### Unit II: Classification of Human Rights

Right to liberty – Right to Life – Right to Equality – Right to dignity – Right against Exploitation – Educational Rights – Cultural Rights – Educational Rights – Economic Rights – Political Rights – Social Rights.

### Unit III: Rights of Women and Children

Rights of Women – Female feticide and Infanticide and selective abortion – Physical assault and sexual harassment – Domestic Violence – Violence at work place – Remedial Measures

Rights of Children – Protection rights, survival rights – Participation rights – Development rights – Role of UN on convention on rights of children

### Unit IV: Multi-Dimensional aspects of Human rights

Labour rights- Bodend labour- Child labour – Contract labour – Migrant Labour – Domestic Women labour – Gender Equity – Rights of Ethnic refugees- Problems and remedies – Role of trade union in protecting the unorganized labourers

### Unit V: Grievance and Redressal Mechanism

Redressal mechanisms at national and international levels – Structure and functions of National and State level Human Rights Commission- constitutional remedies and directive principles of state policy.

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## References

1. Baradat Sergio and Swaronjali Ghosh. Teaching of human rights: Dominant Publishers and distributors, New Delhi, 2009.
2. Roy A.N. Human Rights Achievements and challenges : Vista international Publishing house, Delhi, 2005.
3. Asish Kumar das and Prasant Kumar Mohanty. Human Rights in India: Sarup and Sons. New Delhi, 2007.
4. Bani Borgohain. Human Rights Social Justice and Political Challenge. Kaniska Publishers and distributors New Delhi, 2007.
5. Velan, G. Human Rights and Development Issues: The associated publishers, Ambala cantt. 2008
6. Meena, P.K Human Rights theory and practice: Murali Lal and sons, New Delhi, 2008.
7. Bhavani Prasad Panda. Human rights Development and environmental law: Academic excellence, Delhi, 2007.
8. Vishwanathan, V.N Human Rights – Twenty First Century Challenges: Kalpaz Publications, New Delhi, 2008.
9. Ansari, M.R. Protecting Human Rights: Max Ford Books, New Delhi, 2006.
10. Rao, M.S.A. Social Movements in India – Social Movements and Social Transformation in India Vol.1 & 2: Manohar Publications, New Delhi. 1978.

<https://www.periyaruniversity.ac.in/wp-content/uploads/2017/02/Human-Rights-Syllabus-2017-18.pdf>

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### COURSE OUTCOME FOR HUMAN RIGHTS

Course	Course Outcome
Human Rights (PG common paper)	<p>CO1 Understanding origin and growth of the human rights in the world.</p> <p>CO2 Know about classification of human rights</p> <p>CO3 Analysis of women and children rights.</p> <p>CO4 Find problems in labour, child, contractor &amp; women rights and find the remedies for their problems.</p> <p>CO5. Apply grievance and redresal mechanism to national and state human rights.</p>



  
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