INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad -500 043

COMPUTER SCIENCE AND ENGINEERING

COURSE DESCRIPTOR

Course Title	Personality Development Through Life Enlightenment Skills				
Course Code	BCSB39				
Programme	M.Tech				
Semester	II	COMMON FOR ALL (ST |EPS |CC |ES |CS| AE)			
Course Type	Audit				
Regulation	IARE - R18				
Course Structure	**Theory**			**Practical**	
	Lectures	**Tutorials**	**Credits**	**Laboratory**	**Credits**
	2	-	Nil	-	Nil
Chief Coordinator	Mr. CH.Venugopalreddy. Assistant Professor, CE.				
Course Faculty	Mr. P Anjaiah, Assistant Professor, CSE . Mr.G.SaratRaju, Assistant Professor , ME				

I. COURSEOVERVIEW:

Our aim is to improve the ones positive attitude. Personality development also is said to have a positive impact on one's communication skills and the way he sees the world. Individuals tend to develop a positive attitude as a result of personality developmenton Every individual has his own characteristic way of behaving, responding to emotions, perceiving things and looking at the world. No two individuals are similar. You might like going out for parties but your friend might prefer staying back at home reading his/her favorite book. It is really not necessary that if you like partying around, your friend will also like the same. Here comes the role of personality. Personality development is defined as a process of developing and enhancing one's personality. Personality development helps an individual to gain confidence and high self esteem.

COURSEPRE-REQUISITES:

Level	Course Code	Semester	Prerequisites	Credits
PG	BCSB39	II	-	Nil

II. MARKSDISTRIBUTION:

Subject	SEE Examination	CIA Examination	Total Marks
Personality development through life enlightenment skills	70 Marks	30 Marks	100

III. DELIVERY / INSTRUCTIONAL METHODOLOGIES:

✔	Chalk & Talk	✔	Quiz	✔	Assignments	✔	MOOCs
✔	LCD / PPT	✔	Seminars	✘	Mini Project	✔	Videos
✔	Open Ended Experiments						

IV. EVALUATIONMETHODOLOGY:

The course will be evaluated for a total of 100 marks, with 30 marks for Continuous Internal Assessment (CIA) and 70 marks for Semester End Examination (SEE). Out of 30 marks allotted for CIA during the semester, marks are awarded by taking average of two CIA examinations or the marks scored in the make-up examination.

Semester End Examination (SEE): The SEE is conducted for 70 marks of 3 hours duration. The syllabus for the theory courses is divided into five units and each unit carries equal weight age in terms of marks distribution. The question paper pattern is as follows. Two full questions with "either" or "choice" will be drawn from each module. Each question carries 14 marks. There could be a maximum of two sub divisions in aquestion.

The emphasis on the questions is broadly based on the following criteria:

50 %	To test the objectiveness of the concept.
50 %	To test the analytical skill of the concept OR to test the application skill of the concept.

Continuous Internal Assessment (CIA):
CIA is conducted for a total of 30 marks (Table 1)

Table 1: Assessment pattern for CIA

Component	Theory	Total Marks
Type of Assessment	CIE Exam	
CIA Marks	30	30

Continuous Internal Examination (CIE):
Two CIE exams shall be conducted at the end of the 8th and 16th week of the semester respectively. The CIE exam is conducted for 30 marks of 2 hours duration consisting of five descriptive type questions out of which four questions have to be answered where, each question carries 5 marks. Marks are awarded by taking average of marks scored in two CIE exams.

V. HOW PROGRAM OUTCOMES AREASSESSED:

Program Outcomes (POs)		Strength	Proficiency assessed by
PO 1	**Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.	2	Assignments, Tutorials
PO 2	**Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences	2	Assignments
PO 3	**Design/development of solutions:** Design solutions for complex engineering problems and design system components or processesthatmeetthespecifiedneedswithappropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.	2	Seminar
PO 4	**Conduct investigations of complex problems**: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.	2	Seminar

3 = High; 2 = Medium; 1 = Low

VI. HOW PROGRAM SPECIFIC OUTCOMES AREASSESSED:

Program Specific Outcomes (PSOs)		Strength	Proficiency assessed by
PSO1	**Professional Skills:** The ability to research, understand and implement computer programs in the areas related to algorithms, system software, multimedia, web design, big data analytics, and networking for efficient analysis and design of computer-based systems of varying complexity.	2	Lectures, Assignments
PSO2	**Software Engineering Practices**: The ability to apply standard practices and strategies in software service management using open-ended programming environments with agility to deliver a quality service for business success.	-	-
PSO3	**Successful career and entrepreneurship:** Successful Career and Entrepreneurship: The ability to employ modern computer languages, environments, and platforms in creating innovative career paths, to be an entrepreneur, and a zest for higher studies	2	-

3 = High; 2 = Medium; 1 = Low

VII. COURSE OBJECTIVES(COs):

The course should enable the students to:	
I	Understandthe concept of Holistic development of personality
II	understand and practice ShrimadBhagwadGeeta by reading every day a chapter
III	Understand the basics of Spiritual Knowledge from BhagwadGeetachaper 2of some verses
IV	Exercise the role model in the bhagavathgeetha by practicing it in day to day life

VIII. COURSE LEARNING OUTCOMES(CLOs):

CLO Code	CLO's	At the end of the course, the student will have the ability to:	PO's Mapped	Strength of Mapping
BCSB39.01	CLO 1	To formulate a strategy to promote holistic development of students and understand the psychosocial needs and developmental profiles of young people	PO1	1
BCSB39.02	CLO 2	Identify the various ways, which will promote holistic development in students includes physical, psychological, social, spiritual domains and values, morality, forgiveness, and existential qualities, such as hope and forgiveness.	PO2	1
BCSB39.03	CLO 3	Study of Shrimad-Bhagwad-Geeta will help the student in developing his personality and achieve the highest goal in life.	PO2	1
BCSB39.04	CLO 4	The person who has studied Geeta will lead the nation and mankind to peace and prosperity	PO3	1
BCSB39.05	CLO 5	BhagawathGeetha will help the mankind to be free from dishonest , corrupt, unethical , lazy , dirty and improves the Approach to day to day work and duties	PO1, PO1	3
BCSB39.06	CLO 6	BhagawathGeethatells that The practice of meditation helps organize our personality, awaken our inner consciousness, and expand our self-awareness	PO4, PO2	1
BCSB39.07	CLO 7	One who remains unattached under all conditions, and is neither delighted by good fortune nor dejected by tribulation, he is a sage with perfect knowledge.	PO1, PO2	1
BCSB39.08	CLO 8	One who has restrained the senses from their objects, O mighty armed Arjun, is firmly established in transcendental knowledge.	PO1,PO2	1
BCSB39.09	CLO 9	The Students will become conscious citizens of India aware of their duties, rights and functions of various bodies of governance and welfare; thereby well Equipped to contribute to India.	PO4	1
BCSB39.10	CLO 10	Good role models someone who is always positive, calm, and confident in themselves. You don't want someone who is down or tries to bring you down. Everyone likes a person who is happy with their achievements, but continues to strive for bigger and better objectives.	PO4	1

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IX. MAPPING COURSE LEARNING OUTCOMES LEADING TO THE ACHIEVEMENT OF PROGRAM OUTCOMES AND PROGRAM SPECIFICOUTCOMES:

Course Learning Outcomes (CLOs)	Program Outcomes (POs)												Program Specific Outcomes (PSOs)		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CLO 1	1	1		1									1		
CLO 2	1	1												1	
CLO 3	1	1												1	
CLO 4	1	1		1									1		

CLO 5			1	1									1		
CLO 6	1	1		1									1	1	
CLO 7			1	1									1	1	
CLO 8	1	1		1									1	1	
CLO 9			1	1									1	1	
CLO 10	1	1		1									1	1	

Course Learning Outcomes (CLOs)	Program Outcomes (POs)										Program Specific Outcomes (PSOs)		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CLO 6	1	1	1								3		
CLO 7	1	1	1								2		
CLO 8	1	1		3							3		
CLO 9	3	3		3							3		
CLO 10	1	1	3										
CLO 11			3	1									
CLO 12	3	3	1	3									
CLO 13	3	3		1							3		
CLO 14	3	3	3								1		

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X.   ASSESSMENT METHODOLOGIES -DIRECT

CIE Exams	PO1 PO2 PO 3	SEE Exams	PO1 PO2 PO 3	Assignments	PO1,PO2	Seminars	PO3, PO4
Laboratory Practices	PO 2	Student Viva	-	Mini Project	-	Certification	-
Term Paper	-						

XI.   ASSESSMENT METHODOLOGIES -INDIRECT

✔	Assessment of course outcomes (by feedback, once)	✔	Student feedback on faculty (twice)
✔	Assessment of mini projects by experts		

XII. SYLLABUS:

UNIT-I	HOLISTIC DEVELOPMENT
Neetisatakam-Holistic development of personality, Verses- 19,20,21,22 (wisdom), Verses- 29,31,32 (pride & heroism), Verses- 26,28,63,65 (virtue),Verses- 52,53,59 (dont's),Verses- 71,73,75,78 (do's).	

UNIT-II	BHAGWAD GEETA
Approach to day to day work and duties. ShrimadBhagwadGeeta: Chapter 2-Verses 41, 47,48. Chapter 3- Verses 13, 21, 27, 35.	

UNIT-III	BHAGWAD GEETA

ShrimadBhagwadGeeta: Chapter 6-Verses 5, 13, 17, 23, 35, Chapter 18-Verses 45, 46, 48.

UNIT-IV	BASIC KNOWLEDGE

Statements of basic knowledge. ShrimadBhagwadGeeta: Chapter2-Verses 56, 62, 68. Chapter 12 - Verses 13,14, 15, 16,17, 18

UNIT-V	ROLE MODEL

Personality of Role model. ShrimadBhagwadGeeta: Chapter2-Verses 17, Chapter 3-Verses 36,37,42, Chapter 4-Verses 18, 38,39. Chapter18 – Verses 37,38,63.

Text Books:

1. P.Gopinath, "Bhartrihari's Three Satakam (Niti-sringar-vairagya)", Rashtriya Sanskrit Sansthanam, New Delhi.

Reference Books:

1. Swami Swarupananda, "Srimad Bhagavad Gita",Advaita Ashram (Publication Department), Kolkata.

Reference Books:

1. http://openlearningworld.com/section_personality_development.html

E-Text Books:

1. http://persmin.gov.in/otraining/UNDPProject/undp_UNITs/Personality%20Dev%20N%20DLM.pdf

XIII. COURSEPLAN:

The course plan is meant as a guideline. Probably there may be changes.

Lecture No.	Topics to be covered	Reference
1-2	Learn to improve the wisdom from verses - 19,20,21,22 (wisdom),	T1:ch1:19-22 verses
2-3	study the Verses- 29,31,32 (pride & heroism)to become a good leader	T1:ch1:29-32 verses
4-5	learn the Verses- 26,28,63,65 (virtue) from BhagawathGeetha to lead a holistic life	T1:ch1:26-28 & 63-65 verses

Lecture No.	Topics to be covered	Reference
6-7	learn and understand the Verses- 52,53,59 for What not to do to live holy life	T1:ch1:52-59 verses
8	learn and understand the Verses- 71,73,75,78 for what to do to become holistic person	T1:ch1:71-78 verses
9-10	study and understand the ShrimadBhagwadGeeta: Chapter 2-Verses 41, 47,48 to do day to day activities	T1:ch2:41-48 verses
11-12	Gain the insight in chapters of ShrimadBhagwadGeeta Chapter 3- Verses 13, 21, 27, 35.for day to day work and duties.	T1:ch3:13,21,27 & 35 verses
13-14	Study and explain importance of ShrimadBhagwadGeeta the: Chapter 6- Verses 5, 13, 17, 23 & 35.	T1:ch6: 5, 13, 17, 23 & 35verses
15-16	Study and learn the importance of geetha of Chapter 18-Verses 45, 46, and 48 for technical students.	T1:ch18:45
17-18	Gain the basic knowledge of ShrimadBhagwadGeeta: Chapter2-Verses 56, 62, 68	T1:ch1
19-20	understanding of more basic fundamentals of geetha Chapter 12 -Verses 13,14, 15, 16,17, 18	T1:ch1
21-22	understand the Personality of Role model. ShrimadBhagwadGeeta: Chapter2-Verses 17, Chapter 3-Verses 36,37,42,	T1:ch1
23-24	understand the different characteristics of role model in Chapter 4-Verses 18, 38,39 and Chapter18 – Verses 37,38,63.	T1:ch1

XIII. GAPS IN THE SYLLABUS - TO MEET INDUSTRY / PROFESSIONREQUIREMENTS:

S NO	Description	Proposed actions	Relevance with POs	Relevance with PSOs
1	Linux GNU tools introduction	Seminars / NPTEL	PO 1, PO 2, PO 3	PSO 1
2	Case study of Linux operating system	Seminars / NPTEL	PO 2, PO 5	PSO2
3	A desktop environment	Assignments / Laboratory Practices	PO 1,PO 3, PO 4	PSO 2

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