

KONGU ENGINEERING COLLEGE, PERUNDURAI

Department of Computer Technology – UG

One Credit Courses Odd Semester 2021-2022

CIRCULAR

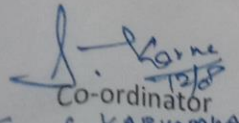
12.08.2021

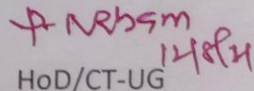
The following One Credit Courses are proposed for the benefit of third and fifth Semester Students for the academic year 2020-2021. Interested students are requested to enroll their name to the respective course co-ordinator before 15.08.2021.

S.no	Course Name	Number of Credits	Eligible Semester	Co-ordinator	Contact Details
1.	Aws_Cloud Fundamentals	One	Fifth	Dr.S.Kalaiselvi Ms.D.Hemalatha	9865046699 6383521415
2.	Natural Language Processing with Python	One	Fifth	Dr.K.Saraswathi Ms.S.Nandhinidevi	9865304338 9865571747
3.	Version Control with GIT and GITHUB	One	Fifth	Dr.C.N.Vanitha Ms.K.Sathya	9003962637 8695284858
4.	Data Analytics using 'R'	One	Fifth	Ms.S.Poorani Ms.P.Gokila Brindha	9095337052 9865805218
5.	Introduction to MATLAB Programming	One	Third	Ms.M.Santhiya Ms.N.Kanimozhi	9688583963 6380888478
6.	Programming with GOLANG	One	Third	Ms.M.N.Kavitha Ms.S.S.Saranya	9843594196 8056478174
7.	Introduction to Augmented Reality Using Unity Game Engine	One	Third	Dr.S.Parvathavarthini Dr.S.KavithaBharathi	9789221179 9965540601

General Guidelines:

- Students can earn a maximum of one credit through any one value added course during each semester.
- Students can earn a maximum of three credits through value added courses during the entire duration of the programme.


Co-ordinator
Dr. S. KARUNAKARAN


HoD/CT-UG



KONGU ENGINEERING COLLEGE, PERUNDURAI, ERODE – 638 060

CDC-04A, Rev.0, 01.04.2021

(AUTONOMOUS)

BOARD OF B.Sc CT-UG

Approval for Value Added Course (One / Two Credits) - (Consolidated)



Date: 01.09.2021

List of Value Added Course (One / Two credit) in the academic Year 2021-2022 Odd/Even Semester

Sl. No	Regulations	Course Name	Course code (for Repeated Course) / New Course	Name of the Co- ordinators (Max:2)	Experts details from Industry (if any)	Whether Expert(s) is/are Alumni/ Alumnae (yes/no)	Lecture Hours	Practical Hours	Total Hours	Specify Fee/Per Batch / Fee/ Per Student	Fee Amount (Fee/Batc h or Fee/Stude nt)	Course Duration		Offered to (Year/Sem/ Branch of the student)
												From	To	
1	2018	Natural Language Processing with Python	New Course	Dr.K.Saraswathi Ms.S.Nandhini Devi ✓	NIL	NIL	15	15	30	NIL	NIL	30.8.21	30.9.21	III/V/IS,SS
2	2018	Introduction to GitHub	18VAC62	Dr.C.N.Vanitha Ms.K.Sathya ✓	NIL	NIL	10	20	30	NIL	NIL	25.8.21	30.9.21	III/V/CSD,IS,SS
3	2020	Introduction to MATLAB Programming	New Course	Ms.M.Santhiya V.Vishnupriya ✓	NIL	NIL	15	15	30	NIL	NIL	31.8.21	30.10.21	II/III/CSD,IS,SS
4	2020	Programming with Golang	New Course	Ms.M.N.Kavitha Ms.S.S.Saranya ✓	NIL	NIL	15	15	30	NIL	NIL	31.8.21	30.10.21	II/III/CSD,IS,SS
5	2020	Introduction to Augmented Reality Using Unity Game Engine	New Course	Dr.S.Parvathavarthini Dr.S.Kavitha Bharathi ✓	NIL	NIL	12	18	30	Per Student 100 ✓ 100/2 100/4 ✓	100	03.09.21	12.10.21	II/III/CSD,IS,SS

These courses shall be approved/ratified in the BOS meeting.

Faculty in-charge

KARUNAKARAN

HOD

CCO/Academic

Principal

End:

- Minutes of Internal BOS for approval of the above courses
- Details of each course mentioned above as per the given format
- Copy of the Syllabus of the courses



KONGU ENGINEERING COLLEGE
(Autonomous)
PERUNDURAI – 638060
INTERNAL QUALITY ASSURANCE CELL



CERT No.:99-100-20788
ISO 9001 : 2015

Approval for Value Added Course (One / Two Credits)

Academic Year: 2021-22.

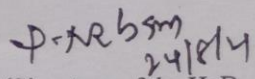
ODD/EVEN Semester

DEPARTMENT OF COMPUTER TECHNOLOGY-UG

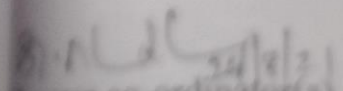
Date: 24.08.2021

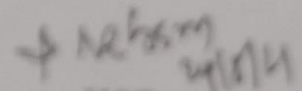
1.	Academic Year	:	2021-22	Semester : ODD / EVEN			
2.	Course Title	:	Natural Language Processing with Python	Credit(s): One / Two			
3.	Type of Course	:	Already Offered Course / Updated Course / New Course				
	• If “Already offered course”,	:	Course Code:	Version:			
4.	Course Coordinator(s)	:	1. Dr.K.Saraswathi 2. Ms.S.Nandhinidevi				
5.	Course offered by	:	Internal faculty / External experts				
6.	Name and designation of external resource persons	:	NIL				
7.	Details about external organization	:	NIL				
8.	Course fee for external experts		Max. number of students/Batch		Course fee / student		
	NIL		18		NIL		
9.	No. of days	Period		No. of hours		Venue/ Meet ID	
		From	To	Lecture	Practical		Total
	15	30.08.2021	30.09.2021	15	15		30 ✓
10.	Pre-requisites for offering the	:	Database Management Systems				

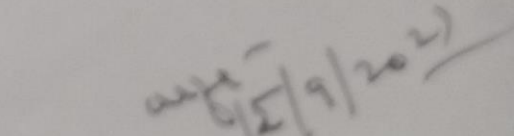
<https://meet.google.com/etv5yb4ikt>

	course																																			
	Course offered to	:	<table border="1"> <tr> <th>Programme</th> <th>Branch</th> <th>Year/Semester</th> </tr> <tr> <td>BSc</td> <td>IS</td> <td>III/V</td> </tr> <tr> <td>BSc</td> <td>SS</td> <td>III/V</td> </tr> </table>	Programme	Branch	Year/Semester	BSc	IS	III/V	BSc	SS	III/V																								
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BSc	SS	III/V																																		
2.	Course Main Contents	:	<table border="1"> <tr><td>Day 1</td><td>Natural Language Processing (NLP) in Text Mining</td></tr> <tr><td>Day 2</td><td>Reading, Writing to text and word files</td></tr> <tr><td>Day 3</td><td>Setting the NLTK Environment</td></tr> <tr><td>Day 4</td><td>Accessing the NLTK Corpora</td></tr> <tr><td>Day 5</td><td>Tokenization and types</td></tr> <tr><td>Day 6</td><td>Bigrams, Trigrams and Ngrams</td></tr> <tr><td>Day 7</td><td>Stemming, Lemmatization</td></tr> <tr><td>Day 8</td><td>POS Tagging</td></tr> <tr><td>Day 9</td><td>Syntax Trees</td></tr> <tr><td>Day 10</td><td>Chunking and Chinking</td></tr> <tr><td>Day 11</td><td>Named Entity Recognition</td></tr> <tr><td>Day 12</td><td>Context Free Grammars & Automating Text Paraphrasing</td></tr> <tr><td>Day 13</td><td>.TF and IDF</td></tr> <tr><td>Day 14</td><td>Bag of Words</td></tr> <tr><td>Day 15</td><td>Multinomial Naive Bayes Classifier & Leveraging Confusion Matrix.</td></tr> <tr> <td colspan="2">Assignment / Project / Case Study/Others: (if any) : Assignment</td> </tr> </table>		Day 1	Natural Language Processing (NLP) in Text Mining	Day 2	Reading, Writing to text and word files	Day 3	Setting the NLTK Environment	Day 4	Accessing the NLTK Corpora	Day 5	Tokenization and types	Day 6	Bigrams, Trigrams and Ngrams	Day 7	Stemming, Lemmatization	Day 8	POS Tagging	Day 9	Syntax Trees	Day 10	Chunking and Chinking	Day 11	Named Entity Recognition	Day 12	Context Free Grammars & Automating Text Paraphrasing	Day 13	.TF and IDF	Day 14	Bag of Words	Day 15	Multinomial Naive Bayes Classifier & Leveraging Confusion Matrix.	Assignment / Project / Case Study/Others: (if any) : Assignment	
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13.	Course Outcomes	:	After completing the course the student will be able to: <ul style="list-style-type: none"> • apply the ways of text extraction and cleaning using NLTK • experiment with a sentence structure using a group of words to create phrases and sentences using NLP and the rules of English grammar • apply a Machine Learning classifier for text classification 																																	
14.	Course Assessment (Min. 2)	:	<table border="1"> <tr> <th>S. No.</th> <th>Type</th> <th>Max. Marks</th> </tr> <tr> <td>1.</td> <td>Test – MCQ</td> <td>50 Marks</td> </tr> <tr> <td>2.</td> <td>Project</td> <td>50 Marks</td> </tr> <tr> <td colspan="2">Total</td> <td>100 Marks</td> </tr> </table>	S. No.	Type	Max. Marks	1.	Test – MCQ	50 Marks	2.	Project	50 Marks	Total		100 Marks																					
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2.	Project	50 Marks																																		
Total		100 Marks																																		
15.	Verified that the content of this course is not offered to students partially/fully in regular curriculum of respective programme of the student. Certify that the course content, credits and grade are approved in the BOS meeting or approved by internal BOS members and will be ratified in the next BOS meeting		<div style="text-align: right;">  (Signature of the HoD after verification) </div>																																	
16.	Any other details	:	-																																	

The above proposal may kindly be approved.


Course co-ordinator(s)


HOD


Chief Coordinator/Academic

Encl:

1. Copy of the syllabus of the course
2. Financial proposal from the external organization (if any) : NIL.

DEPARTMENT OF COMPUTER TECHNOLOGY – UG

One Credit Course Attendance List

Academic Year : 2021-2022

Semester : V (Odd Semester)

Course Name : 18VAC27 - NATURAL LANGUAGE PROCESSING WITH PYTHON

Coordinators : Dr.K.Saraswathi

Ms.S.Nandhinidevi

Course Duration : 20.9.2021 to 20.11.2021

Programme : BSc IS & BSc SS

S.No.	Roll Number	Name	Conducted Hours	Attended Hours	Attendance Percentage %
1.	19BIR001	Abhinaya.T	30	28	93.3
2.	19BIR009	Chibi .S	30	28	93.3
3.	19BIR019	Janani.N	30	30	100
4.	19BIR027	Krishna kumar.G	30	28	93.3
5.	19BIR043	Shanmathi.P	30	30	100
6.	19BIR048	Srimathi.G	30	28	93.3
7.	19BIR056	Vikaas. M	30	24	80
8.	19BSR013	Gokulnath.M	30	30	100
9.	19BSR014	Gokulnath.M	30	30	100
10	19BSR017	Janani.T.V.	30	30	100
11	19BSR019	Jawahar.L	30	28	93.3
12	19BSR028	Manoj.D	30	30	100
13	19BSR041	Ramdhighash N G	30	28	93.3
14	19BSR045	Sakthi.C	30	28	93.3
15	19BSR046	Saran Kumaresh.J	30	30	100

16	19BSR049	Sibikumar.K	30	28	93.3
17	19BSR052	Sivasankar.S	30	28	93.3
18	19BSR056	Sudhakar.G	30	26	86.7
19	19BSR059	Yamunadevi.M	30	30	100

L. Jimmy
Co-ordinators

S. Nelli (S. Nardheer)

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KONGU ENGINEERING COLLEGE, PERUNDURAI, ERODE - 638060.
DEPARTMENT OF COMPUTER TECHNOLOGY - UG

One Credit Course Mark List

Academic Year : 2021-2022
Semester : V (Odd Semester)
Course Name : 18VAC27 - NATURAL LANGUAGE PROCESSING WITH PYTHON
Coordinators : Dr.K.Saraswathi
Ms.S.Nandhini Devi
Course Duration : 20.9.2021 to 20.11.2021
Programme : BSc IS & BSc SS
Exam Date : 15.11.2021(MCQ) & 20.11.2021(Mini Project)

S.No.	Roll Number	Name	Marks (100)
1.	19BIR001	Abhinaya.T	76
2.	19BIR009	Chibi .S	78
3.	19BIR019	Janani.N	82
4.	19BIR027	Krishna kumar.G	52
5.	19BIR043	Shanmathi.P	83
6.	19BIR048	Srimathi.G	71
7.	19BIR056	Vikaas. M	58
8.	19BSR013	Gokulnath.M	65
9.	19BSR014	Gokulnath.M	80
10.	19BSR017	Janani.T.V.	60
11.	19BSR019	Jawahar.L	69
12.	19BSR028	Manoj.D	80
13.	19BSR041	Ramdhigash N G	70
14.	19BSR045	Sakthi.C	72

15.	19BSR046	Saran Kumaresh.J	76
16.	19BSR049	Sibikumar.K	76
17.	19BSR052	Sivasankar.S	53
18.	19BSR056	Sudhakar.G	70
19.	19BSR059	Yamunadevi.M	70

K. Srinivas
Co-ordinators

A. N. Srinivas
HOD/CT-UG 2/11/11

S. N. Srinivas (S. N. Srinivas)

