KONGU ENGINEERING COLLEGE, PERUNDURAI
Department of Computer Technology – UG

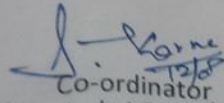### One Credit Courses Odd Semester 2021-2022
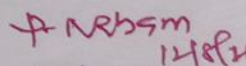
CIRCULAR

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. KARUNAKARA]

HoD/CT-UG

KONGU ENGINEERING COLLEGE, PERUNDURAI, ERODE – 638 060

(AUTONOMOUS)

BOARD OF B.Sc CT-UG

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

Exld 1984

CERT No.:99-100-20788

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/Batch or Fee/Student)	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.Nandhinidevi	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.KavithaBharathi	NIL	NIL	12	18	30	Per Student	100 (3.100): 6+400	03.09.21	12.10.21	II/III/CSD,IS,SS

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

Faculty In-charge
[S. KARUNAKARAN]

HOD

CCO/Academic

Principal

Encl.:

1. Minutes of Internal BOS for approval of the above courses
2. Details of each course mentioned above as per the given format.
3. Copy of the Syllabus of the courses

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

Approval for Value Added Course (One / ~~Two~~ Credits)

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

Academic Year: 2021-2022 ODD Semester

DEPARTMENT OF COMPUTER TECHNOLOGY - UG

Date: 19.08.2021

1.	Academic Year	:	2021-2022	
2.	Course Title	:	Introduction to GitHub	Semester : ODD
3.	Type of Course	:	Already Offered Course	Credit(s): One
	• If " Already offered course",	:	Course Code: 18VAC62 Version:	
4.	Course Coordinator(s)	:	1. Dr.C.N.Vanitha 2. Ms.K.Sathya	
5.	Course offered by	:	Internal faculty	
6.	Name and designation of external resource persons	:	NA	
7.	Details about external organization	:	• If it is external experts, Please mention the name of the organization and experts details • Submit the details for choosing the external organization for offering the course • Submit the financial proposal from the external organization • No remuneration in any form to internal faculty	

8.	Course fee for external experts		Max. number of students/Batch			Course fee / student
	NIL		30			NIL

9.	No. of days	Period		No. of hours			Venue/ Meet ID
		From	To	Lecture	Practical	Total	
	15	25.08.2021	30.09.2021	10	20	30	https://meet.google.com/lookup/a4xnpd23wf

	Pre-requisites for offering the course	:	NIL		

	Course offered to	:	Programme	Branch	Year/Semester
1.			B.Sc	Computer Systems and Design, Information Systems and Software Systems	III Year /V Semester

	Course Main Contents	:		
12.			Day 1	Introduction and basic GitHub commands
			Day 2	Creating and adding to Repository
			Day 3	Commit – creating and viewing
			Day 4	Creating remote repository - GitHub
			Day 5	Synchronization of local repository and remote repository
			Day 6	Creating branches and merging branches
			Day 7	Conflicts and Strategies in merging
			Day 8	Fetch, Pull, Clone and rebasing on repositories
			Day 9	Rewriting history and Git Workflows
			Day 10	Publishing repositories
			Day 11	Distributed development
			Day 12	Working with multiple Repositories
			Day 13	Patches and Hooks
			Day 14	Subversion Repositories
			Day 15	Git graph models and version tracking

Assignment / Project /Case Study/Others: Mini Project

13.	Course Outcomes	:	After completing the course the student will be able to: • outline the need for Git repository • create personalized Git repository for their applications • implement version controlling using Git

14.	Course Assessment (Min. 2)	:	S. No.	Type	Max. Marks
			1.	Theory Assessment • At the end of the course, Theory test will be conducted • Duration: 1 Hr • Question Paper Pattern: Multiple Choice Questions – 50	50 Marks
			2.	Mini Project	50 Marks
				Total	100 Marks

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	*P-Nebsm* 24\14\4 (Signature of the HoD after verification)
6. Any other details :	

The above proposal may kindly be approved.

Mukti 24/8/2021 (Dr. C N VANITHA)

C.H. 24/8/21 (Ms. K. SATHYA)   *P.Nebsm* 24\4\4   *wxs* 5/9/2021)

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)

KONGU ENGINEERING COLLEGE, PERUNDURAI-638060

Department of Computer Technology – UG

One Credit Course Attendance List

Academic Year   : 2021-2022

Semester   : V (Odd Semester)

Course Name   : 18VAC62 – Introduction to GitHub

Co-ordinators   : Dr.C.N.Vanitha

                      Ms.K.Sathya

Course Duration   : 06.09.2021 to 01.11.2021

Programme: B.Sc -SS

S.no	Roll Number	Name	Conducted Hours	Attended Hours	Attendance Percentage
1.	19BSR005	AZHAKU MOHANA. N	30	22.5	75
2.	19BSR006	BHARATH KUMAR.P.R	30	28.5	95
3.	19BSR007	CHANDANA. S.P	30	30	100
4.	19BSR011	DURGADEVI.M	30	24	80
5.	19BSR023	KIRUBA SHREE.K	30	28.5	95
6.	19BSR034	NAVEENKUMAR.P	30	24	80
7.	19BSR035	NAVIN.S.R	30	27	90
8.	19BSR039	PRIYANKA. J	30	30	100
9.	19BSR040	RAJI. A	30	30	100
10.	19BSR048	SATHIYA NAARAYANI.G	30	27	90
11.	19BSR055	SUBHIKA.T	30	25.5	85
12.	19BSR058	VEENA.S P	30	28.5	95
13.	19BSR060	YASHIKA.R.S	30	30	100

Course Coordinators:

1. Dr.C.N. VANITHA   *QCEuth*   12/11/2021

2. K.SATHYA   *K.S*   12/11/21

P.KR bsm
23/11/21

KONGU ENGINEERING COLLEGE, PERUNDURAI-638060

Department of Computer Technology – UG

One Credit Course Mark List

Academic Year : 2021-2022

Semester : ODD Semester

Course Code & Name : 18VAC62-Introduction to GitHub

Co-ordinators : Dr.C.N.Vanitha

Ms.K.Sathya

Date of Examination : 29.10.2021 (MCQs) & 01.11.2021 (Mini Project)

Programme: B.Sc – SS

S.no	Roll Number	Name	Marks for 100
1.	19BSR005	AZHAKU MOHANA N	76
2.	19BSR006	BHARATH KUMAR PR	73
3.	19BSR007	CHANDANA S P	88
4.	19BSR011	M.DURGADEVI	72
5.	19BSR023	KIRUBA SHREE K	86
6.	19BSR034	NAVEENKUMAR P	74
7.	19BSR035	NAVIN S R	72
8.	19BSR039	PRIYANKA J	87
9.	19BSR040	RAJI A	81
10.	19BSR048	SATHIYA NAARAYANI.G	86
11.	19BSR055	SUBHIKA.T	98
12.	19BSR058	VEENA. S P	82
13.	19BSR060	YASHIKA R S	89

Course Coordinators:

1. Dr-C.N. VANITHA *[signature]* 12/11/2021

2. K. SATHYA *[signature]* 12/11/21

[signature] 13/11/21