



UNIVERSITAS DIPONEGORO
FAKULTAS ILMU SOSIAL DAN ILMU POLITIK
PROGRAM STUDI S1 ILMU KOMUNIKASI

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Telp. (024) 7465408

RENCANA PEMBELAJARAN SEMESTER (RPS)

EDISI REVISI KE - 1

Mata Kuliah	Kode	Rumpun MK	Bobot (sks)	Semester	Tanggal Penyusunan/ Revisi
Internet of Things (IoT)	UUW00006	Communication Science	2 sks	Gasal	2 September 2020
Otorisasi	Dosen Pengembang RPS		Koordinator RMK		Ka. Prodi
	Primada Qurrota Ayun Amida Yusriana		Primada Qurrota Ayun		S. Rouli Manalu
Capaian Pembelajaran (CP)	CPL – Prodi				
	This subject offered as the anticipation in facing the academic 4.0. It is organized according to the uniqueness of every department				
	CP - MK				
		1. Student are able to apply the IOT's usage in society (C3) 2. Operating the IOT tools both socially and science technologically (P3), and 3. Aware that IOT is a solution for every science's problem according to the law (A3)			

Deskripsi Mata Kuliah		
Materi Pembelajaran/ Pokok Bahasan	This subject consists of basic materials of the internet's usage in society's dimension that can be put into things/tools/object (Science, Technology and Art). In the end of the meeting, students are able to be skilled in applying the IOT politely, practically and comprehensive.	
Pustaka		
Media Pembelajaran	Perangkat keras:	Perangkat lunak:
	Computer, LCD & Projector, audio-visual Tools	Web online Application (blog),

Team Teaching	Primada Qurrota Ayun Amida Yusriana
Mata Kuliah Syarat	

Minggu	Sub-CP-MK (sebagai kemampuan akhir yang diharapkan)	Bahan Kajian/Materi Ajar	Metoda Pembelajaran [estimasi waktu]	Kriteria dan bentuk penilaian	Bobot Nilai
(1)	(2)	(3)	(4)	(5)	(6)
1	Students are able to reexplain the definition of IOT and its relation to society (C2)	<ul style="list-style-type: none"> IOT Definition. IOT in society IOT's ethics and the power of social media 	<ul style="list-style-type: none"> Seminar Discussion Self Directed Learning (SDL) <p>TM : 1 x (2 x 50") BT : 1 x (2 x 60") BM : 1 x (2 x 60")</p>	<ul style="list-style-type: none"> The accuracy of explanation Assignment 	
2	Students are able to reexplain the IOT application in various things/tools/objects that relate to data collection and socioeconomical platform	<ul style="list-style-type: none"> Internet connectivity E-Learning (Video Conference, Kulon) Tools in the internet connectivity Data collecting Social Media as platform and survey 	<ul style="list-style-type: none"> Seminar Discussion Self Directed Learning (SDL) <p>TM : 1 x (2 x 50") BT : 1 x (2 x 60") BM : 1 x (2 x 60")</p>	<ul style="list-style-type: none"> The accuracy of explanation Assignment 	
3	Students are able to reexplain the IOT application in various things/tools/objects that relate to data collection and socioeconomical platform	Presentation	<ul style="list-style-type: none"> Seminar Discussion Self Directed Learning (SDL) <p>TM : 1 x (2 x 50") BT : 1 x (2 x 60") BM : 1 x (2 x 60")</p>	<ul style="list-style-type: none"> The accuracy of explanation Assignment 	
4	Students are able to explain the organizing aspect and business chance in IOT	<ul style="list-style-type: none"> Business platform in IOT in communication field 	<ul style="list-style-type: none"> Seminar Discussion Self Directed Learning (SDL) <p>TM : 1 x (2 x 50")</p>	<ul style="list-style-type: none"> The accuracy of explanation Assignment 	

			BT : 1 x (2 x 60") BM : 1 x (2 x 60")		
5	Students are able to conduct the data and marketing tools seeking and implement it to the IOT sample	<ul style="list-style-type: none"> • Introduction to basic of big data • Market opportunity diversity seeking for iot Product • Video making as content and media marketing platform for IOT product in communication field 	<ul style="list-style-type: none"> • Seminar • Discussion • Self Directed Learning (SDL) TM : 1 x (2 x 50") BT : 1 x (2 x 60") BM : 1 x (2 x 60")	<ul style="list-style-type: none"> • The accuracy of explanation Assignment 	
6	Students are able to conduct the data and marketing tools seeking and implement it to the IOT sample	Presentation	<ul style="list-style-type: none"> • Seminar • Discussion • Self Directed Learning (SDL) TM : 1 x (2 x 50") BT : 1 x (2 x 60") BM : 1 x (2 x 60")	<ul style="list-style-type: none"> • The accuracy of explanation Assignment 	
7	Students are able to explain the artificial intelligent aspect used as the marketing pattern and pattern of tools usage in IOT	<ul style="list-style-type: none"> • Artificial Intellegent general concept in using the IOT . • Explaining the basic data knowledge in understanding the pattern and society's habit towards the IOT usage 	<ul style="list-style-type: none"> • Seminar • Discussion • Self Directed Learning (SDL) TM : 1 x (2 x 50") BT : 1 x (2 x 60") BM : 1 x (2 x 60")	<ul style="list-style-type: none"> • The accuracy of explanation Assignment 	
8					
9	Students are able to explain the basic concept of cyber security in IOT	Introduction to virus and antivirus Introduction to hacker, cyber crime and security concept in IOT ITE law	<ul style="list-style-type: none"> • Seminar • Discussion • Self Directed Learning (SDL) TM : 1 x (2 x 50") BT : 1 x (2 x 60") BM : 1 x (2 x 60")	<ul style="list-style-type: none"> • The accuracy of explanation Assignment 	
10	Students are able to explain	IOT Architecture	<ul style="list-style-type: none"> • Seminar 	<ul style="list-style-type: none"> • The accuracy of 	

	the architech and organization of IOT	IOT Organization IOT as the supporting component for information technology	<ul style="list-style-type: none"> • Discussion • Self Directed Learning (SDL) TM : 1 x (2 x 50") BT : 1 x (2 x 60") BM : 1 x (2 x 60")	explanation Assignment	
11	Students are able to apply the IOT for entrepreneurship with e-commerce based	E-Commerce in supporting the IOT based enterpreneurship	<ul style="list-style-type: none"> • Seminar • Discussion • Self Directed Learning (SDL) TM : 1 x (2 x 50") BT : 1 x (2 x 60") BM : 1 x (2 x 60")	<ul style="list-style-type: none"> • The accuracy of explanation Assignment 	
12	Presentation	Presentation	<ul style="list-style-type: none"> • Seminar • Discussion • Self Directed Learning (SDL) TM : 1 x (2 x 50") BT : 1 x (2 x 60") BM : 1 x (2 x 60")	<ul style="list-style-type: none"> • The accuracy of explanation Assignment 	
13	Students are able in practicing IOT application	Various kind of samples for IPT application	<ul style="list-style-type: none"> • Seminar • Discussion • Self Directed Learning (SDL) TM : 1 x (2 x 50") BT : 1 x (2 x 60") BM : 1 x (2 x 60")	<ul style="list-style-type: none"> • The accuracy of explanation Assignment 	
14	Students are able to implement the IOT technology in multidiscipline subjects	IOT Project		<ul style="list-style-type: none"> • The accuracy of explanation Assignment 	
15	Presentation	Presentation	<ul style="list-style-type: none"> • Seminar • Discussion • Self Directed Learning (SDL) TM : 1 x (2 x 50")	<ul style="list-style-type: none"> • The accuracy of explanation Assignment 	

			BT : 1 x (2 x 60") BM : 1 x (2 x 60")		
16	Evaluasi Akhir Semester				