



**POLITEKNIK ELEKTRONIKA NEGERI SURABAYA**

Tanggal terbit : 24 Agustus 2015

No. Revisi : 2012.02

**FORMULIR RENCANA STUDI  
S2 TEKNIK INFORMATIKA DAN KOMPUTER  
PROGRAM PASCASARJANA MAGISTER TERAPAN**

Tahun Ajaran : 2015/2016

Semester : Gasal

Nama :

NRP :

Tahun Masuk :

**Mata Kuliah Pilihan yang ditawarkan**

Kode	Mata Kuliah	Semester	Kredit		Jam		✓
			Teori	Praktek	Teori	Praktek	
VI200001	Advanced Computer Network	1	2		2		
VI200002	Praktikum Advanced Computer Network	1		1		3	
VI200003	Computer Vision & Image Processing	1	2		2		
VI200004	Praktikum Computer Vision & Image Processing	1		1		3	
VI200015	Network Security	1	2		2		
VI200016	Praktikum Network Security	1		1		3	
VI200017	Wireless Sensor Network	3	2		2		
VI200018	Praktikum Wireless Sensor Network	3		1		3	
VI200019	Intelligent Computing & Applications	3	2		2		
VI200020	Praktikum Intelligent Computing & Applications	3		1		3	

**Persetujuan Dosen Pembimbing Utama,**

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**Koordinator Prodi S2 Teknik Informatika dan Komputer**

**Riyanto Sigit, S.T., M.Kom., Ph.D.**

SEMESTER 1							✓
No	No. Kode	Mata Kuliah	Kredit		Jam		
			Teori	Praktek	Teori	Praktek	
1	VI201101	Advanced Mathematics, Algorithm & Programming	3		4		
2	VI201102	Signals and Systems	2		2		
3	VI201103	Research Methodology and Scientific Writing	2		2		
4	VI201104	Proposal Tesis		1		8	
5	VI201201	AI and Pattern Recognition	2		2		
6	VE201203	Network Management and Security	2		2		
7	VI201202	Praktikum AI and Pattern Recognition		1		3	
8	VI201204	Praktikum Network Management and Security		1		3	
9		Mata Kuliah Pilihan 1	2		2		
10		Praktikum Mata Kuliah Pilihan 1		1		3	
JUMLAH			13	4	14	17	
JUMLAH			17		31		

SEMESTER 2							✓
No	No. Kode	Mata Kuliah	Kredit		Jam		
			Teori	Praktek	Teori	Praktek	
1	VI202101	Progres Tesis 1		2		9	
2	VI202201	Modelling and Simulation	2		2		
3	VI202202	Praktikum Modelling and Simulation		1		3	
4		Mata Kuliah Pilihan 2	2		2		
5		Mata Kuliah Pilihan 3	2		2		
6		Praktikum Mata Kuliah Pilihan 2		1		3	
7		Praktikum Mata Kuliah Pilihan 3		1		3	
JUMLAH			6	5	6	18	
JUMLAH			11		24		

SEMESTER 3							✓
No	No. Kode	Mata Kuliah	Kredit		Jam		
			Teori	Praktek	Teori	Praktek	
1	VI202101	Progres Tesis 2		2		9	
2	VI203102	Standardization and Intellectual Property	2		2		
3	VI203201	High Performance Computing	2		2		
4	VI203202	Praktikum High Performance Computing		1		3	
5		Mata Kuliah Pilihan 4	2		2		
6		Praktikum Mata Kuliah Pilihan 4		1		3	
JUMLAH			6	4	6	15	
JUMLAH			10		21		

SEMESTER 4							✓
No	No. Kode	Mata Kuliah	Kredit		Jam		
			Teori	Praktek	Teori	Praktek	
1	VI204101	Tesis Akhir		6		18	
2							
3							
4							
5							
6							
JUMLAH			0	6	0	18	
JUMLAH			6		18		