



## JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA


Kakinada-533003, Andhra Pradesh (India)

### Program wise Curriculum Analysis of (R16)

Program Code	Program Name	No of Courses having focus on			Total Courses	Percentage
		Employability	Entrepreneurship	Skill development		
	B.Pharmacy	03		21	66	32

  
Coordinator

  
REGISTRAR  
J.N.T. University Kakinada  
Kakinada-533003

  
Special Officer  
Dr. G.V.S.R. Deekshitulu  
Special Officer  
School of Pharmaceutical  
Sciences & Technologies  
JNTUK, KAKINADA  
PIN 533 003



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

Kakinada-533003, Andhra Pradesh (India)

## Course wise Curriculum Analysis(R16)

Program Code:

Program Name: B.Pharmacy

Year: 1

Semester: 1

Course code	Course name	Employability (Yes/No)	Entrepreneurship (Yes/No)	Skill development (Yes/No)
PHR16111	English	Yes		
PHR16112	Remedial Mathematics / Remedial Biology			
PHR16113	Human Anatomy & Physiology – I			
PHR16114	General & Dispensing Pharmacy			
PHR16115	Pharmaceutical Organic Chemistry-I			
PHR16116	English Communications Skills Lab			Yes
PHR16117	Remedial Biology Lab			Yes
PHR16118	General & Dispensing Pharmacy Lab			Yes
PHR16119	Pharmaceutical Organic Chemistry-I Lab			Yes
	<b>Total</b>	<b>01</b>		<b>04</b>



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Kakinada-533003, Andhra Pradesh (India)

**Course wise Curriculum Analysis(R16)**

Program Code:

Program Name: B.Pharmacy

Year: 1

Semester: 2

Course code	Course name	Employability (Yes/No)	Entrepreneurship (Yes/No)	Skill development (Yes/No)
PHR16121	Human Anatomy & Physiology – II			
PHR16122	Pharm. Inorganic Chemistry			
PHR16123	Pharm. Organic Chemistry – II			
PHR16124	Physical Pharmacy – I			
PHR16125	Computer Applications & Biostatistics			
PHR16126	Human Anatomy & Physiology Lab			Yes
PHR16127	Physical Pharmacy – I Lab			Yes
PHR16128	Computer Applications Lab			Yes
	<b>Total</b>			03



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## Course wise Curriculum Analysis(R16)

Program Code:

Program Name: B.Pharmacy

Year: 2

Semester: 1

Course code	Course name	Employability (Yes/No)	Entrepreneurship (Yes/No)	Skill development (Yes/No)
PHR16211	Pharmaceutical Unit Operations - I			
PHR16212	Pharmaceutical Biochemistry			
PHR16213	Physical Pharmacy - II			
PHR16214	Pharmaceutical Microbiology			
PHR16215	Health Education & Pathophysiology			
PHR16216	Pharmaceutical Biochemistry Lab			Yes
PHR16217	Physical Pharmacy – II Lab			Yes
PHR16218	Pharmaceutical Microbiology Lab			Yes
	<b>Total</b>			<b>03</b>



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**Course wise Curriculum Analysis(R16)**

Program Code:

Program Name: B.Pharmacy

Year: 2

Semester: 2

Course code	Course name	Employability (Yes/No)	Entrepreneurship (Yes/No)	Skill development (Yes/No)
PHR16221	Pharmaceutical Unit Operations –II			
PHR16222	Pharmaceutical Analysis - I			
PHR16223	Pharmacognosy -I			
PHR16224	Medicinal Chemistry - I			
PHR16225	Pharmacology - I			
PHR16226	Pharmaceutical Unit Operations Lab			Yes
PHR16227	Pharmaceutical Analysis – I Lab			Yes
PHR16228	Pharmacognosy – I Lab			Yes
	<b>Total</b>			<b>03</b>



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Kakinada-533003, Andhra Pradesh (India)

## Course wise Curriculum Analysis(R16)

Program Code:

Program Name: B.Pharmacy

Year: 3

Semester: 1

Course code	Course name	Employability (Yes/No)	Entrepreneurship (Yes/No)	Skill development (Yes/No)
PHR16311	Pharmacognosy -II			
PHR16312	Medicinal Chemistry - II			
PHR16313	Pharmaceutical Technology - I			
PHR16314	Environmental Sciences			
PHR16315	Pharmaceutical Management			
PHR16316	Pharmacognosy –II Lab			Yes
PHR16317	Medicinal Chemistry Lab			Yes
PHR16318	Pharmaceutical Technology-I Lab			Yes
	<b>Total</b>			<b>03</b>



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Kakinada-533003, Andhra Pradesh (India)

**Course wise Curriculum Analysis(R16)**

Program Code:

Program Name: B.Pharmacy

Year: 3

Semester: 2

Course code	Course name	Employability (Yes/No)	Entrepreneurship (Yes/No)	Skill development (Yes/No)
PHR16321	Pharmaceutical Technology -II			
PHR16322	Pharm. Biotechnology			
PHR16323	Pharmacology - II			
PHR16324	Medicinal Chemistry - III			
PHR16325	Regulatory Affairs, IPR & Patents	Yes		
PHR16326	Pharmaceutical Technology –II Lab			Yes
PHR16327	Pharm. Biotechnology Lab			Yes
PHR16328	Pharmacology Lab			Yes
	<b>Total</b>	<b>01</b>		<b>03</b>



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
Kakinada-533003, Andhra Pradesh (India)

**Course wise Curriculum Analysis(R16)**

Program Code:

Program Name: B.Pharmacy

Year: 4

Semester: 1

Course code	Course name	Employability (Yes/No)	Entrepreneurship (Yes/No)	Skill development (Yes/No)
PHR16411	Pharmaceutical Analysis -II			
PHR16412	Biopharmaceutics& Pharmacokinetics			
PHR16413	Chemistry of Natural Products			
PHR16414	Hospital & Community Pharmacy			
PHR16415	Pharmaceutical Jurisprudence			
PHR16416	Pharmaceutical Analysis – II Lab			Yes
PHR16417	Biopharmaceutics& Pharmacokinetics Lab			Yes
PHR16418	Chemistry of Natural Products Lab			Yes
	Project Commencement			
	<b>Total</b>			<b>01</b>





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Kakinada-533003, Andhra Pradesh (India)

## Course wise Curriculum Analysis(R16)

Program Code:

Program Name: B.Pharmacy

Year: 4

Semester: 2

Course code	Course name	Employability (Yes/No)	Entrepreneurship (Yes/No)	Skill development (Yes/No)
PHR16421	Bioassays & Toxicology			
PHR16422	Clinical Pharmacy, Therapeutics & Pharmacovigilance			
PHR16423	Controlled release & Novel Drug Delivery Systems			
PHR16424	Quality Assurance, GMP, GLP			
PHR16425	Bioassays & Toxicology Lab			
PHR16426	Seminar on selected topic			
PHR16427	Project Work	Yes		
PHR16428	Comprehensive Viva voce			Yes
	<b>Total</b>	01		01

  
Coordinator

  
Special Officer