



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

Program wise Curriculum Analysis of (R19)

Program Code	Program Name	No of Courses having focus on			Total Courses	Percentage
		Employability	Entrepreneurship	Skill development		
	B.Pharmacy	10		23	33	52

NW2
Coordinator

Coor-u
Special Officer
Dr. GYSR Daeitchitulu
Special Officer
School of Pharmaceutical
Sciences & Technology
JNTUK, Kakinada
PIN: 533003

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



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

Kakinada-533003, Andhra Pradesh (India)

Course wise Curriculum Analysis(R19)

Program Code:

Program Name: B.Pharmacy

Year: 1

Semester: 1

Course code	Course name	Employability (Yes/No)	Entrepreneurship (Yes/No)	Skill development (Yes/No)
BP101T	Human Anatomy and Physiology I – Theory			
BP102T	Pharmaceutical Analysis I – Theory			
BP103T	Pharmaceutics I – Theory			
BP104T	Pharmaceutical Inorganic Chemistry – Theory			
BP105T	Communication skills – Theory			
BP106RBT BP106RMT	Remedial Biology/ Remedial Mathematics – Theory			
BP107P	Human Anatomy and Physiology – Practical			Yes
BP108P	Pharmaceutical Analysis I – Practical			Yes
BP109P	Pharmaceutics I – Practical			Yes
BP110P	Pharmaceutical Inorganic Chemistry – Practical			Yes
BP111P	Communication skills – Practical	Yes		
BP112RBP	Remedial Biology – Practical			Yes
	Total	01		05



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Kakinada-533003, Andhra Pradesh (India)

Course wise Curriculum Analysis(R19)

Program Code:

Program Name: B.Pharmacy

Year: 1

Semester: 2

Course code	Course name	Employability (Yes/No)	Entrepreneurship (Yes/No)	Skill development (Yes/No)
BP201T	Human Anatomy and Physiology II – Theory			
BP202T	Pharmaceutical Organic Chemistry I – Theory			
BP203T	Biochemistry – Theory			
BP204T	Pathophysiology – Theory			
BP205T	Computer Applications in Pharmacy – Theory			
BP206T	Environmental sciences – Theory			
BP207P	Human Anatomy and Physiology II – Practical			Yes
BP208P	Pharmaceutical Organic Chemistry I – Practical			Yes
BP209P	Biochemistry – Practical			Yes
BP210P	Computer Applications in Pharmacy – Practical	Yes		
	Total	01		03



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Course wise Curriculum Analysis(R19)

Program Code:

Program Name: B.Pharmacy

Year: 2

Semester: 1

Course code	Course name	Employability (Yes/No)	Entrepreneurship (Yes/No)	Skill development (Yes/No)
BP301T	Pharmaceutical Organic Chemistry II – Theory			
BP302T	Physical Pharmaceutics I – Theory			
BP303T	Pharmaceutical Microbiology – Theory			
BP304T	Pharmaceutical Engineering – Theory			
BP305P	Pharmaceutical Organic Chemistry II – Practical			
BP306P	Physical Pharmaceutics I – Practical			Yes
BP307P	Pharmaceutical Microbiology – Practical	Yes		
BP308P	Pharmaceutical Engineering –Practical			Yes
	Total	01		04



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Course wise Curriculum Analysis(R19)

Program Code:

Program Name: B.Pharmacy

Year: 2

Semester: 2

Course code	Course name	Employability (Yes/No)	Entrepreneurship (Yes/No)	Skill development (Yes/No)
BP401T	Pharmaceutical Organic Chemistry III- Theory			
BP402T	Medicinal Chemistry I – Theory			
BP403T	Physical Pharmaceutics II – Theory			
BP404T	Pharmacology I – Theory			
BP405T	Pharmacognosy and Phytochemistry I- Theory			
BP406P	Medicinal Chemistry I – Practical			Yes
BP407P	Physical Pharmaceutics II – Practical			Yes
BP408P	Pharmacology I – Practical			Yes
BP409P	Pharmacognosy and Phytochemistry I – Practical			Yes
	Total			04



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Kakinada-533003, Andhra Pradesh (India)

Course wise Curriculum Analysis(R19)

Program Code:

Program Name: B.Pharmacy

Year: 3

Semester: 1

Course code	Course name	Employability (Yes/No)	Entrepreneurship (Yes/No)	Skill development (Yes/No)
BP501T	Medicinal Chemistry II – Theory			
BP502T	Industrial Pharmacy I– Theory			
BP503T	Pharmacology II – Theory			
BP504T	Pharmacognosy and Phytochemistry II– Theory			
BP505T	Pharmaceutical Jurisprudence – Theory	Yes		
BP506P	Industrial Pharmacy I – Practical			Yes
BP507P	Pharmacology II – Practical			Yes
BP508P	Pharmacognosy and Phytochemistry II –			Yes
	Total	01		03



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Kakinada-533003, Andhra Pradesh (India)

Course wise Curriculum Analysis(R19)

Program Code:

Program Name: B.Pharmacy

Year: 3

Semester: 2

Course code	Course name	Employability (Yes/No)	Entrepreneurship (Yes/No)	Skill development (Yes/No)
BP601T	Medicinal Chemistry III – Theory			
BP602T	Pharmacology III – Theory			
BP603T	Herbal Drug Technology – Theory	Yes		
BP604T	Biopharmaceutics and Pharmacokinetics –Theory			
BP605T	Pharmaceutical Biotechnology – Theory			
BP606T	Quality Assurance –Theory	Yes		
BP607P	Medicinal chemistry III – Practical			Yes
BP608P	Pharmacology III – Practical			Yes
BP609P	Herbal Drug Technology – Practical			Yes
	Total	02		03



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Kakinada-533003, Andhra Pradesh (India)

Course wise Curriculum Analysis(R19)

Program Code:

Program Name: B.Pharmacy

Year: 4

Semester: 1

Course code	Course name	Employability (Yes/No)	Entrepreneurship (Yes/No)	Skill development (Yes/No)
BP701T	Instrumental Methods of Analysis – Theory	Yes		
BP702T	Industrial Pharmacy II – Theory	Yes		
BP703T	Pharmacy Practice – Theory			
BP704T	Novel Drug Delivery System – Theory			
BP705P	Instrumental Methods of Analysis – Practical			Yes
BP706PS	Practice School			
	Total	02		01



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Course wise Curriculum Analysis(R19)

Program Code:

Program Name: B.Pharmacy

Year: 4

Semester: 2

Course code	Course name	Employability (Yes/No)	Entrepreneurship (Yes/No)	Skill development (Yes/No)
BP801T	Biostatistics and Research Methodology	Yes		
BP802T	Social and Preventive Pharmacy	Yes		
BP803ET Elective	Pharma Marketing Management			
BP804ET Elective	Pharmaceutical Regulatory Science			
BP805ET Elective	Pharmacovigilance	Yes		
BP806ET Elective	Quality Control and Standardization of Herbals			
BP807ET Elective	Computer Aided Drug Design	Yes		
BP808ET Elective	Cell and Molecular Biology			
BP809ET Elective	Cosmetic Science	Yes		
BP810ET Elective	Experimental Pharmacology			
BP811ET Elective	Advanced Instrumentation Techniques			
BP812PW	Project Work			
Total		02		


Coordinator


Special Officer

Dr. G.V.R. Deekshitha
Special Officer
School of Pharmaceutical
Sciences & Technology
JNTUK, KAKINADA
PIN 533 003