

E-mail: drnd@jntua.ac.in

Mobil.No.9000 551420
Phone: 08554-273006



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
ANANTHAPURAMU-515 002 (A.P)
RESEARCH AND DEVELOPMENT

Prof. S.V.Satyanarayana,
Ph.D(IITK)
Director,
Research & Development.

Rc.No.R & D /Part-I & Part-II /Class Work/2015-16
Dt:29-09-2016.

IMPORTANT CIRCULAR

The Ph.D/M.Phil/M.S. students admitted in 2015-16 are here by informed that number of students selected for Part-I and Part -II subjects are here with enclosed. As per regulations class work is compulsory for both the courses. It is planned to conduct in two spells with **one week** duration.

It is observed that for few subjects across all the branches only one or two students have registered for a particular subject. In order to provide effective class room environment the students who falls in above category may opt for the change of subjects, where more no of students opted. If any student is interested in changing their subjects the same may be discussed with the their Supervisor and Co-Supervisor and new scanned registration form may be submitted on or before 8th October 2016 to the drnd.registration@jntua.ac.in. Hard copy maybe submitted at the time of class work.

Director
Research & Development

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
ANANTHAPURAMU-515 002 (A.P)
Research & Development
Part-I & Part-II Subjects Selected by
Ph.D./M.Phil./ M.S/ Students Admitted-2015-16 batch

Civil Engg				
S.No.	Pre-Ph.D. Subjects Selected			Total Scholars
	Part-I	Total Scholars	Part-II	
1	Concrete Technology (09PH01101)	24	Rehabilitation and Retrofitting of Structures (09PH01209)	23
2	Ground Improvement Techniques(09PH01104)	01	TrafficEngineering & Transportation Planning (09PH01202)	02
3	Highway Infrastructure Design(09PH01105)	01	Ground water management & Modelling (09PH01207)	03
4	Water Resources systems planning and management (09PH01103)	02	Geo-Environmental Engineering (09PH01206)	01
5	Urban Drainage and Waste water Treatment (09PH01102)	01	--	--

**Electrical
Engg**

S.No.	Pre-Ph.D. Subjects Selected			Total Scholars
	Part-I	Total Scholars	Part-II	
1	Power System Dyanamics & Stability (09PH02102)	02	Facts Controller and Their applications (09PH02201)	08
2	Moderan Control Theory(09PH02103)	02	Power Electronic Control of AC Drives (09PH02208)	15
3	Principles of Machine Modeling & Analysis (09PH02104)	04	Power Quality(09PH02203)	07
4	Renewable Energy Sources (09PH02105)	22	Reliability Optimization (09PH02213)	05
5	Restructured Power system (09PH02101)	05	--	--

Mechanical Engg

S.No .	Pre-Ph.D. Subjects Selected			Total Scholars
	Part-I	Total Scholars	Part-II	
1	Advanced Production Technology(09PH03104)	25	Computational Methods(09PH03215)	04
2	Mechanical Engineering Design(09PH03102)	04	Design for Manufacture(09PH03206)	23
3	Thermal Engineering (09PH03101)	07	I.C. Engines & Alternative fuels(09PH03203)	06

ECE

S.No .	Pre-Ph.D. Subjects Selected			Total Scholars
	Part-I	Total Scholars	Part-II	
1	Concepts of signal and image processing (09PH04104)	16	Advanced Digital Signal Processing(09PH04210)	01
2	Digital Data Communication & Networks(09PH04101)	05	Digital IC Design(09PH04207)	09
3	Instrumentation and Embedded Systems(09PH04105)	01	Digital Image Processing (09PH04212)	15
4	Micro Electronics (09PH04103)	08	Wireless Communications(09PH04201)	05

CSE

S.No .	Pre-Ph.D. Subjects Selected			Total Scholars
	Part-I	Total Scholars	Part-II	
1	Data Base Management Systems(09PH05103)	15	Advanced Computer Networks(09PH05201)	07
2	Data Structures and algorithms (09PH05104)	08	Data Warehousing and Mining (09PH05206)	15
3	Software Engineering (09PH05101)	05	Distributed Computing (09PH05202)	06

Chemical Engg

S.No.	Pre-Ph.D. Subjects Selected			Total Scholars
	Part-I	Total Scholars	Part-II	
1	Industrial Pollution and control Process (09PH08105)	04	Safety & Risk Analysis in Chemical Industries (09PH08215)	03
2	--	--	Fluidization Engineering(09PH08210)	01

Bio-Tech

S.No.	Pre-Ph.D. Subjects Selected			Total Scholars
	Part-I	Total Scholars	Part-II	
1	General and Industrial Microbiology (09PH23102)	01	Environmental Biotechnology(09PH23211)	01
2	Biochemical & Biophysical Techniques(09PH23105)	01	Bioinformatics and computational Molecular Biology(09PH23201)	01

Food-Tech

S.No.	Pre-Ph.D. Subjects Selected			Total Scholars
	Part-I	Total Scholars	Part-II	
1	Food Preservation Technology (09PH53103)	03	Packaging Technology Including food Laws(09PH53209)	04
2	Chemistry of Foods(09PH5310)	01	--	--

Chemistry

S.No.	Pre-Ph.D. Subjects Selected			Total Scholars
	Part-I	Total Scholars	Part-II	
1	Advanced Instrumental Methods for chemical characterization and analysis(09PH51101)	11	Analytical Chemistry(09PH0803)	02
2	--	--	Environmental Chemistry(09PH51207)	08
	--	--	Inorganic Chemistry (09PH51203)	01

Mathematics

S.No.	Pre-Ph.D. Subjects Selected			Total Scholars
	Part-I	Total Scholars	Part-II	
1	Mathematical Methods(09PH54102)	18	Applied algebra(09PH54204)	02
2	Topics in Analysis(09PH54101)	01	Discrete Mathematics and Graph Theory(09PH54203)	03
3	--	--	Fluid Mechanics(09PH54205)	12
4	--	--	Operation Research (09PH54207)	02

Physics

S.No.	Pre-Ph.D. Subjects Selected			Total Scholars
	Part-I	Total Scholars	Part-II	
1	Physics of semiconductor Devices (09PH56105)	08	Material Science and Applications(09PH56206)	05
2	--	--	Nano science and Technology(09Ph56201)	01
3	--	--	Thin Film Technology(09PH56213)	02

Management

S.No.	Pre-Ph.D. Subjects Selected			Total Scholars
	Part-I	Total Scholars	Part-II	
1	Principles of Management & Organisational Behaviour(09PH55106)	09	Customer Relation ship Management(09PH55209)	08
2	Strategic Management (09PH55102)	04	Security Analysis and portpolio Management (09PH55205)	02
3	--		Strategic Human Resource Management (09PH55201)	03

English

S.No.	Pre-Ph.D. Subjects Selected			Total Scholars
	Part-I	Total Scholars	Part-II	
1	ELT Course and Research Methodology (09PH52102)	09	Indian Writing in English (09PH52204)	05
2	Research Methodology & Literary Criticism(09PH52101)	02	Writers of Diaspora(09PH52203)	01
3	--	--	ELT & Effective Communication CALL and Soft Skill	02
4	--	--	American Literature(09PH52205)	03

Pharmacy

S.No .	Pre-Ph.D. Subjects Selected			Total Scholars
	Part-I	Total Scholars	Part-II	
1	Instrumental Methods of Pharmaceutical Analysis (09PH00101)	11	Advanced Pharmaceutical and Medicinal Chemistry(09PH00202)	05
2	Biological Screening Methods(09PH00102)	20	Advanced Pharmacology & Toxicology(09PH00203)	10
3	--	--	Advanced Pharmacognosy(09PH00206)	01
4	--	--	Advanced Pharmaceutics (09PH00201)	11
5	--	--	Advanced Pharmaceutical Analysis(09PH00204)	04

Sd-xxxxx
Director
Research & Development