AJAY KUMAR GARG ENGINEERING COLLEGE, GHAZIABAD

MENTORSHIP PROGRAM

SESSION 2016-17

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING			
ODD SEMESTER			
COURSE CODE	**COURSE**	**HOURS**	**STUDENTS**
NCS-301	Data Structure	41	**82**
NCS-302	Discrete Structures and Graph Theory	43	
NEC-309	Digital Logic Design	44	
NCS-501	Design and Analysis of Algorithm	45	**68**
NCS-502	Database Management System	46	
EVEN SEMESTER			
NCS-401	Theory of Automata and Formal Languages	47	**82**
NCS-601	Computer Networks	27	
NCS-603	Compiler Design	27	**68**
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION			
ODD SEMESTER			
COURSE CODE	**COURSE**	**HOURS**	**STUDENTS**
NEC-302	Fundamental of Electronic Devices	90	84
NEC-303	Signals & Systems	90	84
NEC-304	Switching Theory & Logic Design	90	84
NIC 501	Control System	84	77
NEC 501R	Integrated Circuits	84	77
NEC 503	Microprocessor	84	77
EVEN SEMESTER			
NEC-401	Data Structures	46	60
NEC-404	Electronic Circuits	46	60
NEC-601	Microwave	46	60
NEC-602	Digital Communication	46	60
NEC-609	Communication Engineering	46	60

NIC-601R	Microcontrollers for Embedded Systems	46	60

DEPARTMENT OF INFORMATION TECHNOLOGY

ODD SEMESTER

NCS-301	Data Structures	18	30
NCS-302	Discrete Structure ad Graph Theory	19	30
NCS-501	Design and Analysis of Algorithm	12	30
NCS-502	Database Management System	11	30

EVEN SEMESTER

NCS-401	Operating Systems	5	30
NCS-402	Theory of Automata and Formal Languages	7	30
NCS-601	Computer Network	12	30
NCS-401	Operating Systems	5	30

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ODD SEMESTER

NEE 301	Electromechanical Energy Conversion -I	17	36
NEE 302	Electrical Measurement & Measuring Instruments	17	36
NEE 501	Power Electronics	15	37
NEE 504	Microprocessor and its applications	18	37

EVEN SEMESTER

NEE 401	Electromechanical Energy Conversion – II	16	19
NEE 601	Power System Analysis	7	30

DEPARTMENT OF MECHANICAL ENGINEERING

NME-302	Mechanics of Solid	15	56

SESSION 2017-18

Course Code	Course	No. of Students
Department of Computer Science and Engineering		
Odd Semester		
REC-301	Digital Logic Design	51
RCS-301	Discrete Structures and Theory of Logic	51
RCS-305	Data Structures	51
NCS-501	Design and Analysis of Algorithms	96
NCS-502	Database Management Systems	96
Even Semester		
RCS-401	Operating System	47
RCS-403	Theory of Automata and Formal Languages	47
NCS-601	Computer Networks	96
NCS-603	Compiler Design	96
Department of Information Technology		
Odd Semester		
RCS-301	Discrete Structures and Theory of Logic	35
RCS-305		35
NCS-501	Data Structures	35
NCS-502	Data Base Management System	35
Even Semester		
RCS-401	Operating Systems	30
RCS-403	Theory of Automata and Formal Languages	30
NCS-601	Computer Networks	30
NCS-603	Compiler Design	30
Department of Electrical and Electronics Engineering		
Odd Semester		
REE-302	Electrical Measurement and Instrumentation	33
NEE-502	Power Electronics	26
NEE-504	Microprocessor and its Applications	21
Even Semester		
REE-402	Electrical Machines-1	30
NEE-601	Power System Analysis	30
Department of Electronics and Communication Engineering		
Department of Electronics and Instrumentation Engineering		
Odd Semester		
REC-301	Digital Logic Design	62
REC-302	FOED	62
REC-303	Signals and Systems	62
NIC-501	Control Systems	60
NEC-501R	Integrated Circuits	60

NEC-503	Microprocessors	60
Even Semester		
NEC-011	Digital Signal Processing	13
NEC-602	Digital Communication	6
NEC-609	Communication Engineering	7
NEC-601	Microwave Engineering	6
NIC-601R	Microcontrollers for Embedded Systems	6
REC-401	Microprocessors and Microcontrollers	12
REC-402	EMFT	13
REC-403	EMI	13
Department of Mechanical Engineering		
Odd Semester		
RME-303	Strength of Materials	35
RME-302	Thermodynamics	33
RME-602	Theory of Machines	37
RME-502	Heat & Mass Transfer	37
Even Semester		
RME-402	Manufacturing Science and Technology-I	180
RME-403	Applied Thermodynamics	180
NME-603	Dynamics of Machines	180
NME-604	Refrigeration and Air Conditioning	180
Department of Civil Engineering		
RCE 303	Fluid Mechanics	41
NCE 504	Structural Analysis-2	21
NCE 505	Design of Concrete of Structural-1	21

Department of Computer Science and Engineering		
Course code	**Course**	**No. of students**
RCS-302	Computer Organization and Architecture	37
RCS-305	Data Structures	37
RCS-502		17
RCS-403	Design and Analysis of Algorithm	35
REC-405	Introduction to Microprocessor	35
RCS-602	Compiler Design	17
Department of Information Technology		
RCS-301	Discrete Structures	50
RCS-305	Data Structures	50
RCS-501	Database Management System	60
RCS-502	Design and Analysis of Algorithm	60
RCS-401	Operating Systems	40
RCS-403	Theory of Automata and Formal Languages	40
RCS-601	Computer Networks	40
RCS-602	Compiler Design	40
Department of Electrical and Electronics Engineering		
REE-303	Basic signals and system	21
REE-501	Electrical Machines-II	43
REE-402	Electrical Machine-I	20
REE-601	Power Electronics	30
REE-602	Microprocessor	30
Department of Electronics and Communication Engineering		
Department of Electronics and Instrumentation Engineering		

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REC-502	Principle of Communication	36
REC-501	Integrated Circuits	51
REC-503	Digital Signal Processing	51
RIC-501	Industrial instrumentation	15(ONLY EI)
REC-301	DIGITAL LOGIC DESIGN	60
REC-303	Signals and system	60
REC-302	Electronic Devices and Circuits	60
REC-063	Analog Signal Processing	63
RIC-603	Control System I	63
REC601	Microwave Engineering	48
RIC-601	MICROCONTROLLER	15(ONLY EI)
Rec-401	Microprocessors & Microcontrollers	45
REC-403	Electronic Measurement & Instrumentation	45
REC-402	Electromagnetic Field Theory	45

Department of Mechanical Engineering		
RME-302	Basic Thermodynamics	173
RME-303	Mechanics of Solids	173
RME-051	IC Engines & Compressors	195
RME-502	Heat & Mass Transfer	195
RME-402	Manufacturing Science & Technology-I	171
RME-403	Applied Thermodynamics	171
RME-061	Refrigeration & Air conditioning	195
RME-602	Theory of Machines	195

Department of Civil Engineering		
RCE-401	Hydraulics & Hydraulic Machines	27
RCE-403	Structural Analysis	27
RCE-402	Geoinformatics	27
RCE-061	Foundation Design	32

Course Code	Name	No. of Students
RCE-601	Design of Structure-II	32

SESSION 2019-20

Course Code	Name	No. of Students
Department of Electronics and Communication Engineering		
KEC-302	Digital System Design	49
KEC-301	Electronic Devices	49
REC-501	Integrated Circuits	45
REC-502	Principle of Communication	45
REC-503	Digital Signal Processing	45
Department of Electronics and Instrumentation		
KEC-301	Digital System Design	15
KEC-302	Electronic Devices	15
REC-501	Digital Signal Processing	15
REC-503	Integrated Circuits	15
Department of Electrical and Electronics Engineering		
REE-303	Basic Signals & Systems	28
REE-501	Electrical Machines-II	22
KEE 403	Electrical Machine-I	23
REE 601	Power Electronics	24
REE 602	Microprocessor III Year 24	24
Department of Computer Science and Engineering		
KCS-301	Data Structures	37
KCS-302	Computer Organization and Architecture	37
RCS-502	Design and Analysis Algorithm	30
Department of Civil Engineering		
KCE-301	Engineering Mechanics	20
KCE-303	Fluid Mechanics	20
RCE-501	RCE-501 Geotechnical Engineering	38
RCE-502	RCE-502 Design of Structure-I	40
Department of Information Technology		
KCS-301	Data Structure	37
KCS-303	Discrete structure and theory of logic	37
RCS-501	Database Management System	30
RCS-502	Design and Analysis of Algorithm	30
Department of Mechanical Engineering		

KME-301	Thermodynamics	41
KME-302	Fluid Mechanics & Machinery	41
RME-501	Machine Design-I	43
RME-502	Heat and Mass Transfer	43

Student taking mentorship classes: