

11th CONVOCATION 1st December 2020

NATIONAL INSTITUTE OF TECHNOLOGY RAIPUR

DOCTOR OF PHILOSOPHY IN 11th CONVOCATION 1st DECEMBER 2020

S. NO.	ROLL NO.	NAME OF STUDENTS IN ENGLISH	DEPARTMENT/ SPECIALIZATION	THESIS TITLE
1	15317007	TAPAN PRAKASH	ELECTRICAL ENGINEERING	DATA ANALYTICS IN WIDE-AREA POWER SYSTEM
2	14317002	DHARMA PAL SINGH CHAUHAN	ELECTRICAL ENGINEERING	MODEL ORDER REDUCTION AND CONTROLLER DESIGN OF CONTINUOUS INTERVAL SYSTEMS
3	12313001	ANURAG TIWARI	CHEMICAL ENGINEERING	INTENSIFICATION OF ESTERIFICATION REACTION BY COUPLING WITH PERVAPORATION
4	15317006	SUNIL KUMAR SHUKLA	ELECTRICAL ENGINEERING	EVOLUTIONARY OPTIMIZATION BASED PROTECTION OF DOUBLE CIRCUIT AND SIX-PHASE TRANSMISSION LINE UNDER STRESSED CONDITIONS WITH LINEAR AND NONLINEAR LOADING
5	15317004	PRAVEEN KUMAR MISHRA	ELECTRICAL ENGINEERING	PROTECTION OF SERIES COMPENSATED TRANSMISSION LINE USING COMPUTATIONAL INTELLIGENCE TECHNIQUES
6	14317006	VIKRANT SINGH THAKUR	ELECTRICAL ENGINEERING	ADVANCED TRANSFORM CODING FOR EFFICIENT IMAGE AND VIDEO COMPRESSION: A QUALITATIVE APPROACH
7	15311002	NISHI SHAHNAJ HAIDER	BIO MEDICAL ENGINEERING	DEVELOPMENT OF AUTOMATED LUNG SOUND BASED SYSTEM FOR DIAGNOSIS OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE (COPD)
8	15313004	DEEPAK SHARMA	CHEMICAL ENGINEERING	ADSORPTION, ELECTROCOAGULATION AND MEMBRANE SEPERATION PROCESS TO REMOVE CR AND PB FROM ELECTROPLATING INDUSTRY EFFLUENT
9	14312001	ASHWINI KUMAR	BIO-TECHNOLOGY ENGINEERING	DESIGN AND EVALUATION OF POLYMERIC MUCOADHESIVE BUCCAL PATCHES FOR DRUG DELIVERY

11th CONVOCATION 1st December 2020
NATIONAL INSTITUTE OF TECHNOLOGY RAIPUR

10	12320002	SURENDRA KUMAR DWIWEDI	METALLURGICAL ENGINEERING	SYNTHESIS AND CHARACTERIZATION OF AL6061/NATURAL BIO-MINERALIZED CALCIUM CARBONATE METAL MATRIX COMPOSITE
11	16319001	ATUL KUMAR SAHU	MECHANICAL ENGINEERING	MODELING OF DECISION MAKING APPROACHES FOR INDUSTRIAL AND MANUFACTURING PRACTICES
12	14314004	SHALEM ERNEST	CIVIL ENGINEERING	INVERSE SYSTEM IDENTIFICATION USING DISTRIBUTED COMPUTING TECHNIQUE
13	15317005	RUCHITA NALE	ELECTRICAL ENGINEERING	ANTI-ISLANDING PROTECTION FOR AC MICROGRID
14	16313004	NEELA ACHARYA	CHEMICAL ENGINEERING	CHEMICAL AND BIOLOGICAL TREATMENT OF DOMESTIC SEWAGE
15	12319002	DEEPAK MAHAPATRA	MECHANICAL ENGINEERING	AN INVESTIGATION OF STRESS AND DEFORMATION BEHAVIOR OF FUNCTIONALLY GRADED BEAMS
16	16317005	GANDI RAMARAO	ELECTRICAL ENGINEERING	A NEW METHODOLOGY FOR EVALUATING LIGHTNING CHANNEL-BASE-CURRENT FUNCTION PARAMETERS FROM MEASURED MAGNETIC FIELD AND A STUDY ON TEST IMPULSE WAVEFORMS
17	16321001	MURLIDHAR PATEL	MINING ENGINEERING	INVESTIGATION ON THE EFFECTS OF FERRIC/FERROUS RATIO, ALUMINUM, MANGANESE AND HRT ON ALKALINITY GENERATION BY SUCCESSIVE ALKALINITY PRODUCING SYSTEM FOR SYNTHETIC AMD.
18	15323001	AKSHAY HINDUJA	COMPUTER APPLICATION	MODELLING AND EVALUATION OF FUZZY METHODOLOGIES FOR MULTI CRITERIA DECISION MAKING UNDER UNCERTAINTY.
19	16333002	VAGISHA MISHRA	HUMANITIES AND SOCIAL SCIENCES	FILLMORE'S FRAME SEMANTIC ANALYSIS OF SELECT WORKS OF VIRGINIA WOOLF

11th CONVOCATION 1st December 2020

NATIONAL INSTITUTE OF TECHNOLOGY RAIPUR

20	14320001	VIKAS GADPALE	METALLURGICAL AND MATERIALS ENGINEERING	SYNTHESIS AND CHARACTERIZATION OF ALUMINUM METAL MATRIX COMPOSITES FOR TRIBOLOGICAL APPLICATIONS
21	15323005	LIPISMITA PANIGRAHI	COMPUTER APPLICATION	AN INTELLIGENT DIAGNOSTIC SYSTEM FOR ULTRASOUND IMAGES
22	16317001	ALLAMSETTY HEMACHANDER	ELECTRICAL ENGINEERING	INVESTIGATION AND DEVELOPMENT OF MULTI-INPUT CONVERTER FOR SOLAR PHOTOVOLTAIC APPLICATIONS
23	15313001	APARNA YADU	CHEMICAL ENGINEERING	BIODEGRADATION OF POLYCYCLIC AROMATIC HYDROCARBONS IN SEQUENTIAL BIOREACTOR SYSTEM USING MIXED MICROBIAL CONSORTIA
24	16317010	PHANI TEJA BANKUPALLI	ELECTRICAL ENGINEERING	OPTIMIZATION BASED MODELING AND CONTROLLER DESIGN FOR PEM FUEL CELL INTEGRATED DC/DC CONVERTER SYSTEM
25	15317001	DHANANJAYA MUDADLA	ELECTRICAL ENGINEERING	DESIGN AND ANALYSIS OF CONVERTERS FOR ELECTRICAL VEHICLE APPLICATION
26	16314002	KANTHE VISHVANATH NANDKUMAR	Structural Engineering	PARAMETRIC STUDY ON PARTIAL REPLACEMENT OF CEMENT BY FLY ASH AND RICE HUSK ASH FOR SUSTAINABLE CONCRETE
27	16316006	K ABHIMANYU KUMAR PATRO	ELECTRONICS & TELECOMMUNICATION ENGINEERING	ON DEVELOPMENT OF CHAOTIC AND HYPER-CHAOTIC SYSTEM BASED SECURE IMAGE ENCRYPTION TECHNIQUES
28	15317003	NIRAJ KUMAR DEWANGAN	ELECTRICAL ENGINEERING	INVESTIGATIONS ON IMPARTING FAULT-TOLERANCE TO EMERGING MULTILEVEL INVERTER TOPOLOGIES
29	16312004	SUDHANSHU SHEKHAR BEHERA	BIO-TECHNOLOGY ENGINEERING	BIO-ENGINEERING FOR PROCESS OPTIMIZATION AND QUALITY ENHANCEMENT OF ELEPHANT FOOT YAM (AMORPHOPHALLUS PAEONIIFOLIUS) LACTO-PICKLE

11th CONVOCATION 1st December 2020

NATIONAL INSTITUTE OF TECHNOLOGY RAIPUR

30	14332005	RAKESH NANDI	APPLIED MATHEMATICS	A STUDY ON SOME QUEUEING MODELS UNDER DISCRETE-TIME MARKOVIAN ARRIVAL PROCESS AND/OR MARKOVIAN SERVICE PROCESS
31	12330003	MOHUA SINGH	PHYSICS	THEORETICAL STUDIES ON THE TRANSIENT BEHAVIOR OF PULSED ELECTROLUMINESCENCE OF SMALL MOLECULE FLUORESCENT OLEDs
32	14312002	BATUL DIWAN	BIO-TECHNOLOGY ENGINEERING	STUDY OF SINGLE-CELL OIL PRODUCTION FROM OLEAGINOUS YEASTS AND ITS APPLICATION IN LIPID STRUCTURING
33	16315001	ANURAG SHUKLA	COMPUTER SCIENCE AND ENGINEERING	ENERGY EFFICIENT CLUSTERING AND SECURE ROUTING SCHEMES FOR WSN-ASSISTED IOT
34	17319001	AJIT KUMAR SINGH	MECHANICAL ENGINEERING	MODIFICATION OF QUALITY FUNCTION DEPLOYMENT AND IT'S APPLICATION IN ENGINEERING EDUCATION SECTOR
35	16332004	NISHANT NAMDEV	APPLIED MATHEMATICS	APPLICATIONS OF ROUGH SETS IN BIOSCIENCES: A MATHEMATICAL APPROACH
36	17331003	ASHOK KUMAR BHARATI	APPLIED CHEMISTRY	CRYSTAL ENGINEERING APPROACH TOWARDS DESIGN AND SYNTHESIS OF COORDINATION POLYMERS WITH METAL IONS AND OROTIC ACID/MULTIDENTATE FUNCTIONALITY LIGANDS: PHOTO-LUMINESCENCE, MAGNETIC STUDY AND THERMOGRAVIMETRIC ANALYSIS
37	16316008	PAYAL NAUTIYAL	ELECTRONICS & TELECOMMUNICATION ENGINEERING	DESIGN AND ANALYSIS OF IMPROVED SUPERJUNCTION POWER MOSFETS WITH OPTIMIZED PARAMETERS
38	16313011	VIBHA VERMA	CHEMICAL ENGINEERING	CATALYTIC TREATMENT OF COKE OVEN EFFLUENT
39	14319005	DESAI MUKESH SHYAMKANT	MECHANICAL ENGINEERING	APPLICATION OF SINGLE MINUTE EXCHANGE OF DIE IN SERVICE SECTOR - A CASE OF AMBULANCE RESPONSE TIME

11th CONVOCATION 1st December 2020
NATIONAL INSTITUTE OF TECHNOLOGY RAIPUR

40	14331002	SRINIVASARAO AMBATI	APPLIED CHEMISTRY	DESIGN AND SYNTHESIS OF NOVEL PHENYLISOTHIAZOLES, COUMARINY L - PYRIDO [2 , 3 -D]PYRIMIDINE - 2 , 4 -DI ONES , COUMARINY L - PYRAZOLO [3 , 4 - B] -PYRIDINE-3-CARBOXYLATES, PYRAZOLYL-1,3,4-THIADIAZINES, PYRAZOLYL-THIAZOLES AND THEIR BIOLOGICAL EVALUATION
41	17313010	SHREYAS GONDUDEY	CHEMICAL ENGINEERING	BIOLOGICAL, ELECTRO CHEMICAL AND CHEMICAL TREATMENT OF SUGAR INDUSTRY WASTEWATER
42	14315005	JASRAJ MEENA	COMPUTER SCIENCE AND ENGINEERING	EFFECTIVE WORKFLOW SCHEDULING ALGORITHM FOR CLOUD ENVIRONMENT UNDER QOS CONSTRAINTS