



Gandhi Institute For Technology (GIFT)

(Approved by AICTE, New Delhi & Govt. of Odisha, Affiliated to BPUT)

At : Gramadiha, P.O.: Gangapada, Dist.-Khurda, Bhubaneswar, Pin : 752054

Web : www.gift.edu.in, E-mail: gift_bbsr@yahoo.co.in

City Office : (0674) 2561008, 2561445, Mobile: 7873008101 / 194

Letter No.

Dated 19/06/2017

Minutes of 21st. Academic Council Meeting held on 12th. June, 2017.

The 21st. Academic Council Meeting of Gandhi Institute For Technology, Bhubaneswar was conducted on 12.6.2017 from 2:30 PM to 5:30 PM at Room No. 309 (mini conference hall).

The following members attended the meeting.

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|-----------------------------|--------------------------------------|--------------------|
| 1. Dr S Krishna Mohan Rao | Principal, GIFT | Chairman |
| 2. Dr. Sushanta Tripathy | Prof., KIIT University, Bhubaneswar | Member (Education) |
| 3. Dr. Binaya Kumar Sahoo, | Prof., SoA University, Bhubaneswar | Member (Education) |
| 4. Er. J.K. Ratha | Industrialist, Mechem Pvt. Ltd. BBSR | Member (Industry) |
| 5. Dr. Pravat Kumar Subudhi | Dean (Academics) | Member |
| 6. Dr Sandhya Mishra | Prof. Department of BSH | Member |
| 7. Mr. Manoranjan Mishra | Assoc. Prof. Department of BSH | Member |
| 8. Er. Sujit Kumar Panda | Prof. Department of CSE | Member |
| 9. Dr. Kailash Chandra Rout | Prof. Department of ECE | Member |
| 10. Er. Saumendra Behera | Assoc. Prof. Department of ECE | Member |
| 11. Er. Srikanta Kumar Dash | Assoc. Prof. Department of EEE/EE | Member |

Sushanta *R. Sahoo* *K. Ratha* *S. Pravat* *Sandhya* *Manoranjan* *Sujit* *Kailash* *Saumendra* *S. K. Dash* *K. Ratha* *R. Sahoo* *S. Pravat* *Sandhya* *Manoranjan* *Sujit* *Kailash* *Saumendra* *S. K. Dash*

City Office : B-004, Krishna Tower, Nayapalli, Bhubaneswar-12, Phone : 0674 - 2561445

INTERNAL QUALITY ASSURANCE CELL, GIFT, BHUBANESWAR

Annexure

List of courses to be considered for experiential learning through project work/field work/internship during the current AY 2017-18

| Program name | Program code | Name of the Course that include experiential learning through project work/field work/internship | Course code | | |
|--|--------------|--|-------------|--------------------------------|----------|
| B-Tech(CIVIL) | 101 | Building material and building construction | PCCE4203 | | |
| | | DESIGN OF ADVANCED CONCRETE STRUCTURES | PECIS403 | | |
| | | Environmental engineering and Safety | HSSM3303 | | |
| | | PRESTRESSED CONCRETE | PCI6J006 | | |
| | | Estimation and costing in professional practice | PECIS405 | | |
| | | CONSTRUCTION TECHNOLOGY | PCI3I002 | | |
| | | IRRIGATION ENGINEERING | PCCI4305 | | |
| | | Geotechnical engineering | PCCE4206 | | |
| | | Foundation engineering | PCCI4401 | | |
| | | Ground improvement technique | PECIS411 | | |
| | | Structural analysis II | PCCI4304 | | |
| | | Design of steel structure | PECIS301 | | |
| | | Water supply and sanitary engg. | PCCI4402 | | |
| | | Water resources engineering | PECIS401 | | |
| | | Fluid mechanics and hydraulic machines | PCME4201 | | |
| | | REFRIGERATION AND AIRCONDITIONING | PCME4402 | | |
| | | B-Tech(Mech) | 106 | HEAT TRANSFER | PCME4305 |
| ENGINEERING THERMODYNAMICS | PCME4205 | | | | |
| MACHINING SCIENCE AND TECHNOLOGY | PCME4304 | | | | |
| BASIC ELECTRICAL ENGINEERING | 15BE2102 | | | | |
| FLUID MECHANICS AND HYDRAULIC MACHINES | PCME4201 | | | | |
| INTRODUCTION TO PHYSICAL METALLURGY | PCME4203 | | | | |
| BASIC MANUFACTURING PROCESS | PCME4206 | | | | |
| DESIGN OF MACHINE COMPONENTS | PCME4306 | | | | |
| KINEMATICS AND DYNAMICS OF MACHINES | PCME4204 | | | | |
| MECHANISMS AND MACHINES | PEME5401 | | | | |
| MECHANICAL VIBRATION | PEME5401 | | | | |
| BASIC ELECTRONICS | 15BE2101 | | | | |
| POWER PLANT ENGINEERING | PEME5409 | | | | |
| METROLOGY QUALITY CONTROL AND RELIABILITY | PEME5405 | | | | |
| MECHANICAL MEASUREMENT METROLOGY AND RELIABILITY | PCME4403 | | | | |
| B-Tech(CSE) | 102 | | | SATELITE COMMUNICATION SYSTEMS | PEEC5418 |
| | | | | SIGNALS AND SYSTEMS | PCBM4302 |
| | | COMPUTER ORGANIZATION | PCCS4301 | | |
| | | DATA COMMUNICATION AND COMPUTER NETWORK | PCCS4302 | | |
| | | COMPUTER GRAPHICS | PCCS4401 | | |
| | | PRINCIPLES AND PRACTICES IN SOFTWARE ENGINEERING | PCCS4402 | | |
| | | PRINCIPLES OF SOFT COMPUTING | PCIT4401 | | |
| | | ARTIFICIAL INTELLIGENCE | PECS5401 | | |
| | | DIGITAL SWITCHING AND TELECOMMUNICATION NETWORKS | PEEC5417 | | |
| | | ENVIRONMENTAL ENGINEERING | HSSM3402 | | |
| | | JAVA PROGRAMMING | PCIT4303 | | |




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|-------------|-----|---|----------|
| | | THEORY OF COMPUTATION | PECS5304 |
| | | MICROPROCESSOR AND MICROCONTROLLER | PCIT4301 |
| | | INTERNET AND WEB TECHNOLOGY | PCCS7307 |
| | | NETWORK THEORY | BEES2211 |
| | | SYSTEM PROGRAMMING | PCCS4203 |
| | | DATABASE ENGINEERING | PCCS4205 |
| | | WIRELESS SENSOR NETWORKS | PECS5407 |
| | | PARALLEL AND DISTRIBUTED SYSTEMS | PECS5411 |
| | | COMPILER DESIGN | PCS6I102 |
| MCA | 109 | MICROPROCESSOR AND ASSEMBLY LANGUAGE PROGRAMMING | MCC102 |
| | | COMPUTER ORGANISATION AND SYSTEM ARCHITECTURE | MCC202 |
| | | OBJECT ORIENTED PROGRAMMING USING C++ | MCC203 |
| | | THEORY OF COMPUTATION | MCC204 |
| | | COMPUTER BASED NUMERICAL METHODS | MCC205 |
| | | E-COMMERCE AND ERP | MCC406 |
| | | BUSINESS COMMUNICATION IN ENGLISH | MCC206 |
| | | MANAGEMENT INFORMATION SYSTEM | MCC306 |
| | | PROGRAMMING WITH JAVA | MCC401 |
| | | COMPUTER GRAPHICS AND MULTIMEDIA | MCC402 |
| | | SOFTWARE ENGINEERING | MCC403 |
| | | COMPILER DESIGN | MCC404 |
| | | QUANTITATIVE TECHNIQUES - I (OPERATIONS RESEARCH) | MCC405 |
| | | PROGRAMMING IN C | MCC101 |
| | | ANALYSIS AND DESIGN OF ALGORITHMS | MCC301 |
| | | OPERATING SYSTEMS | MCC302 |
| | | COMPUTER NETWORKS | MCC303 |
| | | DATA BASE SYSTEMS | MCC304 |
| | | PROBABILITY AND STATISTICS | MCC305 |
| | | EMBEDDED SYSTEM | MCA406A |
| | | ADVANCE OS | MCA306 |
| B-Tech(EE) | 104 | Renewable Energy System | PEL5J001 |
| | | Electrical Power Transmission & Distribution | PCEE4401 |
| | | Mechatronics | PEMES407 |
| | | Power Electronics | PCEL4301 |
| | | CONTROL SYSTEM Engineering | PCEC4303 |
| | | Basic Electronics | 15BE2101 |
| | | Digital Electronics Circuit | PCEC4202 |
| | | Power System Operation and control | PCEL4401 |
| | | Communication Engineering | PEE7J004 |
| | | Network Theory | BEES2211 |
| | | Electromagnetic Theory | PCEE4302 |
| | | Advanced Power Electronics | PEEE5410 |
| | | Digital Signal Processing | PCEC4303 |
| | | FLEXIBLE AC TRANSMISSION SYSTEM | PEEE5409 |
| | | Analog Electronics Circuit | PCEC4201 |
| | | Green Technologies | PCG6C001 |
| | | ADVANCED CONTROL SYSTEM | PEEC5414 |
| B-Tech(EEE) | 105 | Power Electronics | PCEL4301 |
| | | Advanced Power Electronics | PEEE5410 |
| | | ELECTRICAL MACHINE - I | PCEE4203 |
| | | Electrical Machine-II | PCEL4302 |
| | | Communication Engineering | PEE7J004 |
| | | Power ElectronicsSoft Computing | PEL5I101 |


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|-------------|-----|--|----------|
| | | Internet of Things | PCP7H007 |
| | | Smart Grid | PEL8J001 |
| | | FLEXIBLE AC TRANSMISSION SYSTEM | PCEE5409 |
| | | Basic Electronics | 15BE2101 |
| | | Basic Electrical Engineering | 19ES2103 |
| | | Electrical and Electronics Measurement | PCEE4204 |
| | | Control System | PEL4I102 |
| | | Microprocessor and Microcontroller | PCEL4303 |
| | | Digital Signal Processing | PCEC4303 |
| | | Network Theory | BEES2211 |
| | | Electro Magnetic Theory | PCEE4302 |
| | | Renewable Energy sources | PEEL5302 |
| | | TRANSMISSION AND DISTRIBUTION SYSTEM | PCEE4301 |
| | | MATERIAL SCIENCE AND ENGINEERING | BSM51213 |
| | | Analog Electronics Circuit | PCEC4201 |
| | | Soft Computing | PCP7H010 |
| MBA | 108 | Financial Services | MBA306B |
| | | Human Resource Development | MBA308C |
| | | Industrial Relation | MBA406C |
| | | Marketing Management | MBA201 |
| | | Sales and Distribution Management | MBA306A |
| | | Service Marketing | MBA307A |
| | | Compensation Management | MBA306C |
| | | Cost Management Accounting | MBA301 |
| | | Security Analysis and Portfolio Management | MBA307B |
| | | Organisation Behaviour | MBA102 |
| | | Business Environment and Sustainable Development | MBA206 |
| | | Strategic Management | MBA403 |
| | | Business Corporate Law | MBA303 |
| | | Strategic Financial Management | MBA 405B |
| | | Derivative & Risk Management | MBA404B |
| | | Finance Management | MBA202 |
| | | Retail Management | MBA 405A |
| | | Basic Financial Accounting | MBA105 |
| | | Banking and Insurance | MBA302 |
| | | Human Resource Planning | MBA305C |
| | | International Financial Management | MBA406B |
| | | Industrial Relation | MBA406C |
| | | Human Resource Management | MBA203 |
| | | Managerial Economics | MBA103 |
| | | Production and Operation Management | MBA204 |
| | | Entrepreneurship and Management of SME | MBA304 |
| | | Research Methodology & SPSS | MBA205 |
| | | Consumer Behaviour | MBA305A |
| B-Tech(ECE) | 103 | DIGITAL SIGNAL PROCESSING | PEL5I103 |
| | | PROGRAMMING IN C | 15BE2105 |
| | | ANALOG ELECTRONICS CIRCUITS | PCEC4201 |
| | | MICROPROCESSOR AND MICROCONTROLLER | PEL5I102 |
| | | Applied Maths-1 | 17BS1101 |
| | | Basics of Mechanical Engineering | 17ES2101 |
| | | MICROCONTROLLER AND APPLICATIONS | PEEI5401 |
| | | CONTROL SYSTEM ENGINEERING | PCEC4303 |
| | | Applied Physics | 17BS1104 |

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| | | Basics of Civil Engineering | 17ES2102 |
| | | Electrical & Electronics Engineering | 17ES2102 |
| | | Electro Magnetic Theory | PET8J001 |
| | | Network Theory | PET3I102 |
| | | Electrical Power Transmission & Distribution | PCP7H007 |
| | | Applied Mathematics-iii | PMA4E001 |
| | | Digital VLSI Design | PCEC4401 |
| M-Tech | 110 | RESEARCH METHODOLOGY | MTOE302 |
| | | IPR (INTELLECTUAL PROPERTY RIGHTS) | P3PGCC02 |
| | | ADVANCED COMPUTER ARCHITECTURE | P1CSBC03 |
| | | ADVANCED DATA STRUCTURE AND ALGORITHM | P1CSBC04 |
| | | ADVANCED OPERATING SYSTEM | P1CSBC05 |
| | | INTERNET OF THINGS | P1PGCC02 |
| | | COMPUTER GRAPHICS | P2CTCC01 |
| | | SOFTWARE ENGINEERING | P1CSBC03 |
| | | INFORMATION EXTRACTION & RETRIEVAL | P1CSBC04 |
| | | MOBILE COMPUTING | P1CSBC05 |
| | | EMBEDDED SYSTEM | P1PGCC01 |
| | | CONSTRUCTION ECONOMIC AND FINANCE | P1PGCC02 |
| | | PROJECT PLANNING AND MANAGEMENT | P2CTCC01 |
| | | MATERIAL TECHNOLOGY | P1CTBC05 |
| | | COMPUTATIONAL METHODS AND TECHNIQUES | CTPC103 |
| | | INFRASTRUCTURE VALUATION | CTPC201 |
| | | STRATEGIC MANAGEMENT IN CONSTRUCTION | CTPE201 |
| | | CONSTRUCTION TECHNIQUES | CTPE103 |
| | | CONSTRUCTION EQUIPMENT MANAGEMENT | CTPE204 |
| | | RADAR SYSTEM ENGINEERING | ETPE201 |
| | | OPTICAL COMMUNICATION | ETPE204 |
| | | INTEGRATED CIRCUIT DESIGN | P1ECBC03 |
| | | ADVANCED POWER CONVERTER | P2PDCC01 |
| | | POWER QUALITY IMPROVEMENT TECHNIQUES | P2PECC09 |
| | | POWER SYSTEM DYNAMICS | P2PRCC02 |
| | | HVDC TRANSMISSION & FACTS | P2PRCC03 |
| | | GREEN ENERGY RESOURCES & TECHNOLOGY | P2PRCC12 |
| | | WATER SUPPLY ENGINEERING | P1ESBC03 |
| | | WASTE WATER ENGINEERING | P1ESBC04 |
| | | ENVIRONMENTAL CHEMISTRY & MICROBIOLOGY | P1ESBC05 |
| | | COMPUTATIONAL METHODS AND TECHNIQUES | P1PGCC01 |
| | | AIR & NOISE POLLUTION | P2EVCC01 |
| | | SOLID WASTE MANAGEMENT | P2EVCC02 |
| | | HAZARDOUS WASTE MANAGEMENT | P2EVCC03 |
| | | ENVIRONMENTAL IMPACT ASSESSMENT | P2EVCC07 |

Total - 190 Nos subject


IQAC Coordinator


Principal
Gandhi Institute for Technology
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Letter No.

Dated

ACTION TAKEN RPORT

ON

RESOLUTIONS MADE IN 21st. ACADEMIC COUNCIL MEETING HELD ON

12.6.2017

Resolution: To motivate the 1st year students for Engineering study, it was resolved to taught the Importance of Engineering during induction program and taught the foundation course. It was resolved to provide study material of each subject developed by the concerned teacher. As innovative teaching methodology, all mentor to collect teaching learning feedback, to analyze the BPUT curriculum and bridge the gap by enrichment, providing access to each students in library to access the e- journals , students to encourage to do real time application projects.

Action taken: HODs of all departments are analyzing the University curriculum and finding the gap to be bridged.

1st. year student's coordinator has planned to conduct the Induction program in an improved manner.

Resolution: It was resolved to renew the DELNET, to become member of IE, India to get full e-access.

Action taken: PIC, Library started the processing of file for renewal of the DELNET and to become member of IE - India.

[Handwritten signatures and initials of various faculty members and staff, including names like S. P. Das, P. K. Das, S. K. Das, etc.]

City Office : B-004, Krishna Tower, Nayapalli, Bhubaneswar-12, Phone : 0674 - 2561445

Resolution: It was resolved that, this year a Mega campus drive shall be organized at GIFT campus inviting different reputed firms from all over India and all final year students from our college and other colleges of Odisha shall participate in the drive.

Action taken:- Head T&P cell and their team started visiting different companies inside and outside state and inviting them to organize Mega campus drive (Mela) at our college.

Dr S Krishna Mohan Rao

Principal

PRINCIPAL
Gandhi Institute for Technology (GIFT)
Bhubaneswar