#### B.E. 8 TH SEMESTER FINAL EXAMINATION 2017, TO BE HELD IN APRIL, 2017

#### PROGRAMME

DATE OF COMMENCEMENT: <u>21.04.2017</u> TIME: <u>10.00 AM TO 1.00 PM</u>

| DATE       | CIVIL                                | CST | ELEC   | ETC  | AEROSPACE   | МЕСН.   | MET  | MIN  | IT   |
|------------|--------------------------------------|-----|--|--|---|---|--|--|--|
| 21.04.2017 | Environmental Engineering -III CE801 |     | Switch Gear<br>and<br>Protective<br>Relay <b>EE802</b> | Elective II VLSI Physical Design ET802/3 Optoelectronics & Optical Communication ET802/2 | Computational<br>solid<br>mechanics<br>AE802  | Elective II 1).Automobile Engg.ME805/4 2)Circulating Fluidized Bed Tech.ME805/3 3)Fundaments of Tribology ME805/1 | Elective-IV Fracture Mechanics& Failure AnalysisMT80 5/1 | Mine<br>Safety &<br>Ergonomics<br>MN801                          | Image<br>Processing<br>and Pattern<br>Recognition<br>IT801 |
| 24.04.2017 | Disaster Mitigation CE804            |     | Modern<br>Industrial<br>Drives EE803                   | Analog VLSI<br>Design<br>ET801   | Elective-II Astro dynamics & Space Navigation AE7800/05 Introduction to Mechatronics AE7800/2 | Design of<br>Mechanical<br>Systems<br>ME801   | Industrial<br>Management<br>ME807                        | Special &<br>Unconventi<br>onal<br>Mining<br>Technology<br>MN803 | 11001  |

Controller of Examinations (Actg.) IIEST, Shibpur

## B.E. 8 TH SEMESTER FINAL EXAMINATION 2017, TO BE HELD IN APRIL, 2017 PROGRAMME

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|------------|--|--|---|--|---|--|--|--|--|
| 25.04.2017 | Elective-II 1)Advanced Hydraulic Structures CE805/11 2)Environmental Geotechnics CE805/8 3)Industrious & Hazardous Waste Mgmt CE805/19 4)Bridge EnggCE805/4 5)Earthquake Engineering (CE805/2) 6) RoadSafety(CE805/15) | Elective IV Mobile Computing CS802/3 Introductio n to Data Mining CS802/2 CAD For VLSI CS802/1 | Utilization of<br>Electric<br>Power EE801                                   |  | Computational fluid dynamics<br>AE801           | Power Plant<br>Engineering<br>ME802                                | Elective II<br>Nano<br>Structured &<br>Func Graded<br>Materials(MT<br>803/4) |  | Artificial Intelligence IT802                                |
| 26.04.2017 | Construction, Project<br>Planning and<br>Management CE802  | Artificial<br>Intelligenc<br>e CS801   | Elective IV 1)High voltage Engg EE805/1 2) Process Control Instrum. EE805/2 |  |   | Operation<br>Management<br>ME804                                   | Design and<br>Selection of<br>Materials<br>MT802                             | Mine<br>Planning &<br>Design<br>MN802                                | Elective II Bioinformat ics IT803/2 Mobile Computing IT803/5 |
| 27.04.2017 | Geo informatics CE803  | Accountin<br>g &<br>Financial<br>Manageme<br>nt HU7801   | Accounting<br>& Financial<br>Management<br>HU7801                           | Accounting & Financial Management HU7801 | Aircraft design<br>and<br>optimization<br>AE803 | Non-Traditional<br>Manufacturing<br>& Nano-<br>Technology<br>ME803 | Powder<br>Metallurgy<br>MT801  | Elective Undergroun d Space Technology MN804/2 Geostatistics MN804/1 | Accounting<br>& Financial<br>Manageme<br>nt<br>HU7801        |

TIME: 10.00 AM TO 1.00 PM

### B.E. 8 TH SEMESTER FINAL EXAMINATION 2017, TO BE HELD IN APRIL, 2017 PROGRAMME

DATE OF COMMENCEMENT : 21.04.2017

TIME: 10.00 AM TO 1.00 PM

| DATE       | CIVIL                                      | -CST-               | ELEC                      | ETC             | AEROSPACE       | -MECH                | -MET-                          | -MIN            | -IT-          |
|------------|--|---------------------|---------------------------|-----------------|-----------------|----------------------|--------------------------------|-----------------|---------------|
|            | .Principles of Slope                       | .Operation          | .Electricity              |                 |                 | .Computational       |                                | .Heat           | .Satellite    |
|            | Stability Computation                      | Research            | Conservation &            | .Satellite      | .Selection of   | Fluid Dynamics       | .Metal Forming                 | Treatment Of    | Communica     |
| 02.05.2017 | (CE 806/8)                                 | ( M 8 <i>0</i> 3 ). | Environment               | Communicati     | Engineering     | (ME 805/6)           | (ME 805/2)                     | Steel           | tion          |
| 02.00.2017 |  |                     | (EE 804/1).               | on (ET-         | Materials       |                      |                                | (MT804/2)       | (ET-814/4).   |
|            | Selection of Engg                          | .Satellite          |                           | 814/4).         | (MT 804/1)      | .Operation           | .Finite Element                |                 |               |
|            | Material (MT 804/1)                        | Communicatio        | .Operation Research       |                 |                 | Research             | Method (AM-                    | .Fundamental    | .Computatio   |
|            |  | n (ET-814/4).       | ( M 803 ).                | .Database       | .Electricity    | ( M 803 ).           | 801)                           | of Petroleum &  | nal           |
|            | .Heat Treatment Of                         |                     |                           | Management      | Conservation    |                      |                                | Natural Gas     | Geometry      |
|            | Steel (MT804/2)                            | .Computational      | .Industrial Practice      | Techniques      | & Environment   | .Database            | .Database                      | Engineering     | (IT-805/1)    |
|            |  | Geometry            | in Electronic             | (CS 803/1)      | (EE 804/1)      | Management           | Management                     |                 |               |
|            | .Reliability Engg                          | (IT-805)            | Installations (EE         |                 |                 | Techniques (CS       | Techniques                     |                 | Society &     |
|            | (CE806/1)                                  |                     | 804/2)                    | .Operation      | .Database       | 803/1)               | (CS 803/1)                     | .Database       | Culture       |
|            |  | .Society &          |                           | Research        | Management      |                      |                                | Management      | (HU805/1      |
|            | .Transportation in                         | Culture             | .Database                 | ( M 803 )       | Techniques      | .Heat Treatment      | .Operation                     | Techniques      | )             |
|            | Logistics & Supply Chain<br>Mgmt (CE806/5) | ( HU805/1)          | Management                | Stoc            | (CS 803/1)      | Of Steel             | Research                       | (CS 803/1)      |               |
|            | Nighii (CE806/3)                           |                     | Techniques (CS            | Pro(MA803/3     |                 | (MT804/2)            | (M 803)                        | D' ' DI         | .Computatio   |
|            | .Database Mgmt Techn                       | .Computational      | 803/1)                    | )               | .Computational  | 0.1 6                | Stoc                           | .Finite Element | nal Fluid     |
|            | (CS 803/1)                                 | Fluid               | 0.1 6                     | Fuzzy           | Fluid           | .Selection of        | Pro(MA803/3)                   | Method          | Dynamics      |
|            | (C5 605/1)                                 | Dynamics (ME 805/6) | .Selection of             | Set(MA803/2     | Dynamics        | Engineering          | Fuzzy                          | (AM-801)        | (ME 805/6)    |
|            | .Finite Element                            | Stoc                | Engineering Materials (MT | Art, Aesthetics | (ME 805/6)      | Materials (MT 804/1) | Set(MA803/2)<br>Art,Aesthetics | .Principles of  | .Operation    |
|            | Method (AM-801)                            | Proc(MA803/3        | 804/1)                    | & Engg()        | .Operation      | 804/1)               | & Engg()                       | Slope Stability | Research (    |
|            |  | 1 10C(NIA603/3      | 004/1)                    | & Eligg()       | Research        | .Metal Forming       | & Eligg( )                     | Computations    | M 803)        |
|            | Society & Culture                          | Fuzzy               | .Society & Culture        |                 | ( M 803 )       | (ME 805/2)           |                                | (CE 806/3)      | Stoc          |
|            | ( HU805/1)                                 | Set(MA803/2)        | ( HU 805/1 )              |                 | (141 003 )      | (WL 003/2)           |                                | (CL 000/3)      | Pro(MA803     |
|            | ,  | Art, Aesthetics     | (110 003/1)               |                 | Stoc            | .Finite Element      |                                | .Operation      | /3)           |
|            | .Water Power                               | & Engg()            | .Water Power              |                 | Pro(MA803/3)    | Method (AM-801)      |                                | Research        | Fuzzy         |
|            | Engineering (AM805)                        | & Eligg()           | Engineering               |                 | Fuzzy           | memod (mm oor)       |                                | ( M 803 )       | Set(MA803/    |
|            |  |                     | (AM805)                   |                 | Set(MA803/2)    | .Society & Culture   |                                | Stoc            | 2)            |
|            | .Computational Fluid                       |                     | (=======)                 |                 | Art, Aesthetics | (HU805/1)            |                                | Pro(MA803/3)    | Art, Aestheti |
|            | Dynamics (ME 805/6)                        |                     | .Computational            |                 | & Engg()        | ,                    |                                | Fuzzy           | cs& Engg()    |
|            |  |                     | Fluid Dynamics            |                 | 22()            | .Water Power         |                                | Set(MA803/2)    | 20()          |
|            | .Operation Research                        |                     | (ME 805/6)                |                 |                 | Engineering          |                                | Art, Aesthetics |               |
|            | (M 803)                                    |                     | Stoc Pro(MA803/3)         |                 |                 | (AM805)              |                                | & Engg()        |               |
|            | Stoc Proc(MA803/3)                         |                     | Fuzzy Set                 |                 |                 | Stoc                 |                                |                 |               |
|            | Fuzzy Set(MA803/2)                         |                     | (MA803/2)                 |                 |                 | Pro(MA803/3)         |                                |                 |               |
|            | Art, Aesthetics & Engg(                    |                     | Art, Aesthetics&          |                 |                 | Fuzzy                |                                |                 |               |
|            | )  |                     | Engg()                    |                 |                 | Set(MA803/2)         |                                |                 |               |
|            |  |                     |                           |                 |                 | Art, Aesthetics&     |                                |                 |               |
|            |  |                     |                           |                 |                 | Engg()               |                                |                 |               |

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#### INDIAN INSTITUTE OF ENGINEERING SCIENCE AND TECHNOLOGY, SHIBPUR

#### DUAL DEGREE (B.Tech-M.Tech) 4 TH SEMESTER FINAL EXAMINATION 2017, TO BE HELD IN APRIL, 2017

#### PROGRAMME

DATE OF COMMENCEMENT: 21.04.2017

| DATE       | CIVIL                                      | CST  | ELEC   | ETC  | I.T.   | AEROSPACE  | МЕСН.  | MET  | MIN  |
|------------|--|--|--|--|--|--|--|--|--|
| 21.04.2017 | Structural<br>Analysis - I<br>CE401        | Design &<br>Analysis of<br>Algorithm<br>CS401                        | Electrical<br>Machines-II<br>EE401                                   | Microelectroni<br>cs<br>ET403  | Communicatio<br>n Systems<br>IT402                                   | Aircraft<br>Dynamics<br>AE403                        | Fluid<br>Mechanics<br>AM403                                    | Principles of Extractive Metallurgy MT402        | Underground<br>Coal Mining<br>MN401                  |
| 24.04.2017 | Geotechnical<br>Engineering - I<br>CE403   | Computer<br>Architecture &<br>Organization-I<br>CS402                | Analog and<br>Digital<br>Electronics<br>EE402                        | Principles of Analog Communicatio n ET401                            | Formal Language and Automata Theory IT404                            | Engineering<br>Thermodynamic<br>s AE404              | Applied<br>Thermodynam<br>ics<br>ME402                         | Deformation<br>Behavior of<br>Materials<br>MT403 | Fluid<br>Mechanics &<br>Fluid<br>Machines<br>AM403/4 |
| 25.04.2017 | Civil<br>Engineering<br>Materials<br>CE402 | Theory of<br>Computation<br>CS404                                    | Control Systems<br>EE404   | Electromagnet<br>ic Theory and<br>Transmission<br>Lines<br>ET404     | Computer<br>Graphics<br>IT403  | Introduction<br>to Aerospace<br>Engineering<br>AE406 | Basics of<br>Machine<br>Design<br>ME401                        | Phase<br>Transformation<br>MT401                 | Basic<br>Mechanical<br>Engg<br>ME405                 |
| 26.04.2017 | Water Resource<br>Engineering<br>CE404     | Programming<br>Paradigms<br>CS403                                    | Signals And<br>Systems<br>EE403                                      | Digital<br>Electronics<br>ET402                                      | Computer Organization and Architecture IT401                         | Basic<br>Aerospace<br>Structures<br>AE402)           | Engineering<br>Materials &<br>Processes<br>ME403               | Introduction to Materials Manufacturing MT404    | Underground<br>Mine<br>Environment<br>MN402          |
| 27.04.2017 | Engineering<br>Geology<br>GE401C           | Introduction to<br>management &<br>industrial<br>sociology<br>HU3401 | Introduction to<br>management &<br>industrial<br>sociology<br>HU3401 | Introduction to<br>management<br>& industrial<br>sociology<br>HU3401 | Introduction to<br>management<br>& industrial<br>sociology<br>HU3401 | Viscous Fluid<br>Flow<br>AE401                       | Mechanical<br>Measurement<br>& Control<br>Engineering<br>ME404 | Instrumentation & Control MT405                  | Introduction<br>to Geology<br>GE401                  |

Controller of Examinations (Actg.) IIEST., Shibpur

TIME : 10.00 AM TO 1.00 PM

#### DUAL DEGREE (B.Tech-M.Tech) 6 TH SEMESTER FINAL EXAMINATION 2017, TO BE HELD IN APRIL, 2017

#### PROGRAMME

DATE OF COMMENCEMENT : 21.04.2017 TIME : 2.00 PM TO 5.00 PM

| ATE OF CON | THE OF COMMENCEMENT: 21.04.2017               |   |   |  |   |  |   |  |  |
|------------|---|---|---|--|---|--|---|--|--|
| DATE       | CIVIL   | CST   | ELEC  | ETC  | IT  | AEROSPAC<br>E                                  | МЕСН.   | MET  | MIN  |
| 21.04.2017 | Design of<br>Steel<br>Structures<br>CE601     | Computer<br>Network<br>CS602                              | Microprocessor<br>And<br>Microcontroller<br>EE603 | Digital signal<br>Processing<br>ET601                          | Computer<br>Networks<br>IT-603  | Aircraft<br>stability and<br>control<br>AE 603 | Dynamics Of<br>Machines &<br>Vibration<br>ME603 | Non-Ferrous<br>Metallurgy<br>MT603             | Underground<br>Metalliferous<br>Mining<br>MN 604                   |
| 24.04.2017 | Transportation<br>Engineering-I<br>CE602      |   | Power Systems-<br>II EE602                        | Electronic<br>Instrumentation<br>and<br>Measurements<br>ET 603 | Elective-I<br>System<br>Programming<br>IT-621/1<br>Adv comp Arch<br>IT- 621/2 | Theory of<br>propulsion<br>AE 604              | Manufacturing<br>Technology<br>ME604            | Material<br>Properties<br>Evaluation<br>MT 601 | Environmental<br>Engineering &<br>Management<br>in Mines<br>MN 601 |
| 25.04.2017 | Geotechnical<br>Engineering-II<br>CE603       | Elective II<br>Introduction to<br>Data Mining<br>CS 603/2 | Transducers<br>and<br>Instrumentation<br>EE604    | Communication<br>Switching and<br>Networks<br>ET 602           | Design And<br>Analysis Of<br>Algorithms<br>IT-601                             | Theory of<br>Vibration I<br>AE 602             | Design Of Power Transmission Elements ME601     | Polymer and<br>Refractory<br>Tech.<br>CH601    | Mine<br>Ventilation<br>Engineering<br>MN 602                       |
| 26.04.2017 | Water<br>Resources<br>Engineering-II<br>CE604 | Economics<br>HU5601                                       | Economics<br>HU5601                               | Economics<br>HU5601  | Economics<br>HU5601   | High speed<br>Aerodynamics<br>AE 601           | Boiler &<br>Steam Turbine<br>ME602              | Powder<br>Metallurgy<br>MT604                  | Rock<br>Mechanics<br>MN 603  |
| 27.04.2017 | Environmental<br>Engineering-II<br>CE605      | Microprocesso<br>r based System<br>CS601                  | Electric Drives<br>EE601                          | Computer Organization and Architecture ET 604                  | Compiler<br>Design<br>IT-602  | Orbital<br>Mechanics<br>AE 605                 | Fluid Power &<br>Engineering<br>AM601           | Metallurgy of<br>Ferrous<br>Alloys<br>MT602    | Geostatistics<br>MN 621/1<br>[10 AM- 12<br>Noon]                   |

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#### INDIAN INSTITUTE OF ENGINEERING SCIENCE AND TECHNOLOGY, SHIBPUR

### DUAL DEGREE (B.Tech-M.Tech) 2<sup>ND</sup> SEMESTER FINAL EXAMINATION 2017, TO BE HELD IN APRIL, 2017

#### PROGRAMME

DATE OF COMMENCEMENT : **21.04.2017** 

| DATE       | CST                                       | ELEC                                       | ETC                                    | IT                                     | CIVIL  | МЕСН.  | AEROSPACE   | MET  | MIN  |
|------------|---|--|--|--|--|--|---|--|--|
| 21.04.2017 | MA102<br>Mathematics<br>II                | MA102<br>Mathematics II                    | MA102<br>Mathematics II                | MA102<br>Mathematics<br>II             | MA102<br>Mathematics II                                | MA102<br>Mathematics II                                | MA102<br>Mathematics II                               | MA102<br>Mathematics II                                | MA102<br>Mathematics II                                |
| 24.04.2017 | CE101<br>Environment<br>& Ecology         | CE101<br>Environment &<br>Ecology          | CE101<br>Environment<br>& Ecology      | CE101<br>Environment<br>& Ecology      | Engineering<br>Mechanics<br>AM1201                     | Engineering<br>Mechanics<br>AM1201                     | Engineering<br>Mechanics<br>AM1201                    | Engineering<br>Mechanics<br>AM1201                     | Engineering<br>Mechanics<br>AM1201                     |
| 25.04.2017 | ET1201 Basic Electronics Engineering      | ET1201<br>Basic Electronics<br>Engineering | ET1201 Basic Electronics Engineering   | ET1201 Basic Electronics Engineering   | EE1201 Basic Electrical Engineering                    | EE1201<br>Basic Electrical<br>Engineering              | EE1201<br>Basic Electrical<br>Engineering             | EE1201<br>Basic<br>Electrical<br>Engineering           | EE1201 Basic Electrical Engineering                    |
| 26.04.2017 | CS1201<br>Introduction<br>to<br>Computing | CS1201<br>Introduction to<br>Computing     | CS1201<br>Introduction to<br>Computing | CS1201<br>Introduction<br>to Computing | HU1201<br>Professional<br>Communicatio<br>n in English | HU1201<br>Professional<br>Communicatio<br>n in English | HU1201<br>Professional<br>Communication<br>in English | HU1201<br>Professional<br>Communicatio<br>n in English | HU1201<br>Professional<br>Communicatio<br>n in English |
| 27.04.2017 | CH1201<br>Chemistry                       | CH1201<br>Chemistry                        | CH1201<br>Chemistry                    | CH1201<br>Chemistry                    | PH1201<br>Physics-I                                    | PH1201<br>Physics-I                                    | PH1201<br>Physics-I                                   | PH1201<br>Physics-I                                    | PH1201<br>Physics-I                                    |

TIME: 2.00 PM TO 5.00 PM

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#### INDIAN INSTITUTE OF ENGINEERING SCIENCE AND TECHNOLOGY, SHIBPUR

#### B.ARCH EVEN SEMESTER FINAL EXAMINATION 2017, TO BE HELD IN APRIL, 2017

#### **PROGRAMME**

DATE OF COMMENCEMENT: <u>21.04.2017</u>

TIME: 10.00 AM TO 1.00 PM
2.00 PM TO 5.00 PM

|            | 2 <sup>nd</sup> Semester  | 4 <sup>th</sup> Semester    | 6 <sup>th</sup> Semester      | 8 <sup>th</sup> Semester |
|------------|---------------------------|-----------------------------|-------------------------------|--------------------------|
| Date       |                           |                             |                               |                          |
|            | 2.00 PM TO 5 .00 PM       | 10.00 AM TO 1.00 PM         | 2.00 PM TO 5 .00 PM           | 10.00 AM TO 1.00 PM      |
| 21.04.2017 | Mathematics IIA           | Theory Of Structure-II      | Disaster Resistant            | Principles Of Human      |
|            | ( MA 201A )               | CE401A                      | Architectures                 | Settlement –II           |
|            |                           |                             | AR 602                        | AR 801                   |
|            | Environment & Ecology     | Climatology                 | Mechanical Services           | Professional Practice    |
| 24.04.2017 | ( CE 201A )               | AR403                       | (ME601A)                      | &Entrepreneurship        |
|            |                           |                             |                               | Development              |
|            |                           |                             |                               | AR 802                   |
| 25.04.2017 | Evolution Of Arch. I      |                             | Valuation of Real Properties  | Project Management       |
|            | ( AR 201 )                |                             | AR 604                        | AR803                    |
|            |                           |                             |                               |                          |
| 26.04.2017 | CS1201                    | Materials & Methods Of      | Contemporary Architecture-II  | Elective-II              |
|            | Introduction To Computing | Construction – IV           | AR 601                        | AR804/2-Transportation   |
|            |                           | AR402                       |                               | Planning                 |
|            |                           | Building Services-I:        | Energy Efficient Architecture |                          |
|            | Strength Of Materials     | Electrical Installations    | AR 603                        |                          |
| 27.04.2017 | ( AM 201A )               | EE401A                      |                               |                          |
|            |                           |                             |                               |                          |
|            | Materials & Methods Of    | Evolution Of Architecture – | Design Of Structures-II       |                          |
| 28.04.2017 | Const. II                 | III                         | CE 601A                       |                          |
|            | ( AR 202 )                | AR401                       |                               |                          |
|            |                           |                             |                               |                          |
|            |                           |                             |                               |                          |
|            |                           |                             |                               |                          |

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