Semester-II

End Semester Examination

Time - Table

F. Y. B. Tech

| Date | 26th April 2019 | 28th April 2019 | 30th April 2019 | 3rd May 2019 | 5th May 2019 | 7th May 2019 |
|----------|--|--|---|--|--|---|
| Day | Friday | Sunday | Tuesday | Friday | Sunday | Tuesday |
| Time | 10.00am - 1.00pm | 10.00am - 1.00pm | 10.00am - 1.00pm | 10.00am - 1.00pm | 10.00am - 1.00pm | 10.00am - 1.00pm |
| Planning | Statistical and Quantitative Methods in Planning-II (EE-104,EE-101) | Surveying and Photogrammetry (EE-104,EE-101) | Planning Practice-I (EE-104,EE-101) | Applied Geology and Hydrology (EE-104,EE-101) | Techniques of Planning I (EE-104,EE-101)(Electrical) | |
| Subject | Univariate Calculus/Engineering Mathematics I | Basic Electrical Engineering /Basic Electronics Engineering | Solid State Physics and Statistical Thermodynamics /Semiconductor Physics and Electromagnetism /Engineering Physics-II | Engineering Mechanics/Applied Chemistry | # Professional Communication + Backlog/Computer Programming/Professional Ethics(Backlog Course) | *Computer Aided Engineering Drawing |
| | DIV-I : (AC -101,102) | DIV-I : (AC -101,102) | DIV-I : (AC -101,102) | DIV-I : (AC -101,102) | DIV-I : (AC -101,102) | |
| | DIV-II : (AC-103,104) | DIV-II : (AC-103,104) | DIV-II : (AC-103,104) | DIV-II : (AC-103,104) | DIV-II : (AC-103,104) | |
| | DIV-III : (AC -201,202) | DIV-III : (AC -201,202) | DIV-III : (AC -201,202) | DIV-III : (AC -201,202) | DIV-III : (AC -201,202) | |
| | DIV-IV : (AC -203,204) | DIV-IV : (AC -203,204) | DIV-IV : (AC -203,204) | DIV-IV : (AC -203,204) | DIV-IV : (AC -203,204) | |
| | DIV-V: Room No-14,21 (E&TC) | DIV-V: Room No-14,21 (E&TC) | DIV-V: Room No-14,21 (E&TC) | DIV-V: Room No-14,21 (E&TC) | DIV-V: Room No-14,21 (E&TC) | |
| VENUE | DIV-VI : Room No-12,5 | DIV-VI: (AC -101,102) | DIV-VI: (AC -101,102) | DIV-VI: (AC -101,102) | DIV-VI: (AC -101,102) | DIV-VI : Mech Main Hall 1,2 |
| | DIV-VII : Room No-1,17 | DIV-VII : (AC-103,104) | DIV-VII : (AC-103,104) | DIV-VII : (AC-103,104) | DIV-VII : (AC-103,104) | DIV-VII : Mech Main Hall 3,4 |
| | DIV-VIII : Mech Main Hall 1,2 | DIV-VIII: (AC-201,202) | DIV-VIII: (AC-201,202) | DIV-VIII: (AC-201,202) | DIV-VIII: (AC-201,202) | DIV-VIII : Civil Main Hall 1,2 |
| | DIV-IX: Mech Main Hall 3,4,Mech Inner | DIV-IX : (AC -203,204) | DIV-IX : (AC -203,204) | DIV-IX : (AC -203,204) | DIV-IX : (AC -203,204) | DIV-IX : Mech Main Hall 1,2 (Time: 2 To 5) |
| | DIV-X :(EE-104,EE-101)(Electrical) | DIV-X : (EE-104,EE-101)(Electrical) | DIV-X : (EE-104,EE-101)(Electrical) | DIV-X : (EE-104,EE-101)(Electrical) | DIV-X : (EE-104,EE-101)(Electrical) | DIV-X : Mech Main Hall 3,4 & Mech Inner 1 (Time: 2 To 5) |
| | Backlog: (Room No-13) | Backlog: (Room No-13) | Backlog: (Room No-13) | Backlog: (Room No-13) | Backlog: (Room No-13) | Backlog: Mech Main Hall 2 (Time: 2 To 5) |

*Division IX, X & Backlog Engineering Graphics Time: 2.00am - 5.00pm

Time : 10.00am To 11.30 am

Instructions:

1. Students should be **seated** in the examination hall 15 minutes before the examination.

2. Only exceptional cases will be allowed to enter examination hall during first 30 minutes

3. No students will be allowed to enter the examination hall after 30 minutes from the commencement of the examination.

4. Students cannot leave the examination hall during last 30 minutes of the examination even if they have completed the paper

5. During the period of examination, students will not be permitted to leave the examination hall for any reason.

6. I- Card is compulsory in examball. Any student found without I- Card will be fined.

7. Mobile phones are strictly not allowed. Mobiles should be kept in the bag in switched off mode. Any one found with mobile will be fined.

8. Exchange/Sharing of any stationary and calculators is not allowed

9. Writing on Question Paper is strictly Prohibited

10. Students should follow all above instruction Scrupulously. Violation may lead to heavy penalization including expulsion from exam.

11. Only non-Programmable Calculators are allowed during examinations.



Controller of Examinations College of Engineering, Pune- 411005.

Semester-IV

End Semester Examination

Time - Table

S. Y. B. Tech

| Date | 25th April 2019 | 27th April 2019 | 29th April 2019 | 2nd May 2019 | 4th May 2019 | 6th May 2019 | 8th May 2019 |
|---------------------------|--|---|--|---|---|--|--------------------------------------|
| | · · | · · · · | • | | • | • | • |
| Day | Thursday | Saturday | Monday | Thursday | Saturday | Monday | Wednesday |
| Branch Time | 10.00am - 1.00pm | 10.00am - 1.00pm | 10.00am - 1.00pm | 10.00am - 1.00pm | 10.00am - 1.00pm | 10.00am - 1.00pm | 2.00 pm to 5.00 pm |
| Civil | Open Elective | Vector Calculus and Partial Differential Equations /Multivariate Calculus And Differential Equations /Engineering Mathematics-III (Civil Main Hall 1,2) | Structural Mechanics/ <mark>Structural Mechanics I</mark> (AC -101,102,103) | Environmental Engineering (AC -101,102,103) | Concrete Technology (AC -101,102,103) | Surveying/ <mark>Surveying I</mark> (AC -101,102,103) | |
| Computer | Open Elective | Vector Calculus and Partial Differential Equations /Multivariate Calculus And Differential Equations /Foundation of Mathematics-II /Engineering Mathematics- III (AC -201,202,203) | Microprocessor Techniques (AC -201,202,203) | Data Communiation (AC -201,202,203) | Principles of Programming Languages (AC -201,202,203) | Theory of Computation (AC -201,202,203) | |
| Electrical | Open Elective | Vector Calculus and Partial Differential Equations /Multivariate Calculus And Differential Equations /Engineering Mathematics-III (EE-102,104,101) | Electromagnetic Fields (EE - 102,104,101) | Transformers and DC Machines/Electrical Machines I (EE - 102,104,101) | Digital Electronics (EE - 102,104,101) | Science of Living Systems (EE - 102,104,101) | |
| E & TC | Open Elective | Vector Calculus and Partial Differential Equations /Multivariate Calculus And Differential Equations/Engineering Mathematics-III (Room No-14,21,15) | Microcontrollers and Applications (Room No - 14,21,15) | Analog Communications Systems (Room No - 14,21,15) | Integrated Circuits and Applications (Room No - 14,21,15) | Science of Living Systems (Room No - 14,21,15) | |
| Information Technology | Open Elective | Vector Calculus and Partial Differential Equations /Multivariate Calculus And Differential Equations /Foundation of Mathematics-II/Engineering Mathematics-III (AC -101.102.103) | Microprocessor Techniques (AC -104,204,203) | Data Communiation (AC -104,204,203) | Principles of Programming Languages (AC -104,204,203) | Theory of Computation (AC -104,204,203) | |
| Instrumentation | Open Elective | Vector Calculus and Partial Differential Equations /Multivariate Calculus And Differential Equations /Engineering Mathematics-III - (Room No 13) | Transducers II (Room No 13) | Automatic Control Systems (Room No 13) | Digital Techniques (Room No 13) | Science of Living Systems (Room No 13) | |
| Mechanical | Open Elective | Vector Calculus and Partial Differential Equations/Multivariate Calculus And Differential Equations /Engineering Mathematics-III (Mech Main Hall 1,2,3,AC -204,104) | Theory of Machines-I (Mech Main Hall 1,2,3,Civil Main Hall 1,2) | Fundamentals of Metallurgy/Material Science and Technology (AC-201,202,203,204,104) | Fluid Mechanics (AC-201,202,203,204,104,103) | Manufacturing Engineering- II/Environmental Studies (AC-201,202,203,204,104) | |
| Metallurgy | Open Elective | Vector Calculus and Partial Differential Equations /Multivariate Calculus And Differential Equations/Foundation of Mathematics-II /Engineering Mathematics-III (Room No - 17,1) | Fundamentals of Metal Working /Principles of Metal Working (Room No - 17,1) | Metallurgical Thermodynamics and Kinetics/Metallurgical Thermodynamics (Room - 17,1) | Polymers and Composites (Room - 17,1) | Science of Living Systems (Room No - 17,1) | |
| Production | Open Elective | Vector Calculus and Partial Differential Equations /Multivariate Calculus And Differential Equations /Engineering Mathematics-III (Room No 12,5,Civil -7) | Engineering Thermodynamics and Heat Transfer (AC -101,102,103) | Design of Machine Elements (AC -101,102,103) | Machining Science and Technology (AC -101,102,103) | Industrial Electronics and Electrical Drive Systems (AC -101,102,103) | Fluid Power (AC -101,102,103) |
| Planning | Housing and Community Planning (EE-104,101) | Ecology,Environment and Resource Development and Management (EE-104,101) | Planning Theory-II (EE-104,101) | Traffic and Transportation Planning-II (EE-104,101) | Planning Practice-I (EE-104,101) | Technical Report writing (EE-104,101) | Settlement Sociology (EE-104,101) |

Instructions:

1. Students should be **seated** in the examination hall 15 minutes before the examination.

2. Only exceptional cases will be allowed to enter examination hall during first 30 minutes

3. No students will be allowed to enter the examination hall after 30 minutes from the commencement of the examination.

4. Students cannot leave the examination hall during last 30 minutes of the examination even if they have completed the paper

5. During the period of examination, students will not be permitted to leave the examination hall for any reason.

6. I- Card is compulsory in examball. Any student found without I- Card will be fined.

7. Mobile phones are strictly not allowed. Mobiles should be kept in the bag in switched off mode. Any one found with mobile will be fined.

8. Exchange/Sharing of any stationary and calculators is not allowed

9. Writing on Question Paper is strictly Prohibited

10. Students should follow all above instruction Scrupulously. Violation may lead to heavy penalization including expulsion from exam.

11. Only non-Programmable Calculators are allowed during examinations.



Semester-VI

End Semester Examination

Time- Table

T.Y.B. Tech

| | | | | I. I. D. ICCI | | | |
|---------------------------|---|--|--|--|---|--|--|
| Date | 26th April 2019 | 28th April 2019 | 30th April 2019 | 3rd May 2019 | 5th May 2019 | 7th May 2019 | 9th May 2019 |
| Day | Friday | Sunday | Tuesday | Friday | Sunday | Tuesday | Thursday |
| Branch Time | 2.00pm to 5.00pm | 2.00 pm to 5.00 pm | 2.00pm to 5.00pm | 2.00 pm to 5.00 pm | 2.00 pm to 5.00 pm | 2.00pm to 5.00pm | 2.00pm to 5.00pm |
| Civil | ILOE in Humanities | # Technical MOOC/Intership/Industry Floated Course/Advanced Surveying (Backlog Course AC 103) | Water Resource Engineering/Hydrology and Irrigation Engineering (AC -101,102,103) | Construction Management (AC -101,102,103) | Design of RC Structures (AC -101,102,103) | | Minor/Honors Courses *Constitution of India (Backlog Course (AC-103) |
| Computer | ILOE in Humanities | # Technical MOOC/Intership/Industry Floated Course | Data Science (AC -201,202,203) | Operating Systems (AC -201,202,203) | Algorithms and Complexity (AC -201,202,203) | Advanced Microprocessors (AC - 204)/Web Systems and Technologies (AC Lab)/Finance (AC 104)/ Graphics and Multimedia (AC -201,202,203) | Minor/Honors Courses |
| Electrical | ILOE in Humanities | # Technical MOOC/Intership/Industry Floated Course | Power System Operation and Control/Power Systems-II (EE - 102,104,101) | Control System Engineering (EE - 102,104,101) | Power Electronics (EE - 102,104,101) | | Minor/Honors Courses |
| Е & ТС | ILOE in Humanities | # Technical MOOC/Intership/Industry Floated Course | Information Theory and Coding/Coding Techniques in Communication Systems (Room No - 14,21,15) | Power Electronics (Room No - 14,21,15) | Configurable Design and Verification/ <mark>PLDs and Applications</mark> (Room No - 14,21,15) | Antenna and Radiating Systems(Room No - 21)/Control Systems (Room - 14,21)/ Image Processing (Room - 15) | Minor/Honors Courses |
| Information Technology | ILOE in Humanities | # Technical MOOC/Intership/Industry Floated Course | Design and Analysis of Algorithms (AC -104,204,203) | System Programming and Operating Systems (AC -104,204,203) | Data Mining (AC -104,204,203) | Advanced Microprocessors (AC 204)/Web Systems and Technologies (AC Lab) /Finance (AC 104)/ Graphics and Multimedia (AC -201,202,203) | Minor/Honors Courses |
| Instrumentation | ILOE in Humanities | # Technical MOOC/Intership/Industry Floated Course | Digital Signal Processing (Room No - 13) | Analytical Instrumentation (Room No - 13) | Process Loop Components (Room No - 13) | Instrument and System Design (Room No - 13) | Minor/Honors Courses |
| Mechanical | ILOE in Humanities/ [*] Applied Psychology (Backlog Course - AC 103) | # Technical MOOC/Intership/Industry Floated Course | IC Engines (AC-201,202,203,204,104,103) | Energy Conversion (AC-201,202,203,204,104) | Machine Design-II (AC-201,202,203,204,104) | Advanced Manufacturing Technology (AC 204,104)/Mechatronics(AC 203)/ Operational Research(AC 201,202) | Minor/Honors Courses |
| Metallurgy | ILOE in Humanities/*Applied Psychology (Backlog Course - AC 103) | # Technical MOOC/Intership/Industry Floated Course | Structural Metallurgy (Room No - 17,1) | Foundry Technology (Room No - 17,1) | Steel Making (Room No - 17,1) | | Minor/Honors Courses *Constitution of India (Backlog Course (AC-103) |
| Production | Industrial Engineering and Engineering Economics (EE-102,104,101) | Material Forming (AC -101,102,103) | Tool and Die Design (AC -101,102,103) | Metrology and Quality Control (AC -101,102,103) | Kinematics and Dynamics of Machine (AC -101,102,103) Time 1.30 To 5.30 | Facility Planning and Design(AC 103)/Nano Manufacturing (AC 101)/ Reliability and Terotechnology (AC 101)/Supply Chain and Logistic Management (Computer Lab- I DPEIM) | Minor/Honors Courses *Constitution of India (Backlog Course (AC-103) |
| Planning | Planning and Management of Informal Sector (EE-104,101) | Urban Management (EE-104,101) | Urban Renewal and Conservation (EE-104,101) | Project Formulation, Appraisal and Management (EE-104.101) | Urban Energy Systems (EE-104,101) | Introduction to Urban Design (EE-104,101) | |

* Time : 2.00pm to 4.00pm

Online NPTEL -Technical MOOC- Date :27/04/2019 & 28/04/2019

Instructions:

1. Students should be **seated** in the examination hall 15 minutes before the examination.

2. Only exceptional cases will be allowed to enter examination hall during first 30 minutes

3. No students will be allowed to enter the examination hall after 30 minutes from the commencement of the examination.

4. Students cannot leave the examination hall during last 30 minutes of the examination even if they have completed the paper

- 5. During the period of examination, students will not be permitted to leave the examination hall for any reason.
- 6. I- Card is compulsory in examhall. Any student found without I- Card will be fined.
- 7. **Mobile phones are strictly not allowed.** Mobiles should be kept in the bag in switched off mode. Any one found with mobile will be fined.

8. Exchange/Sharing of any stationary and calculators is not allowed

9. Writing on Question Paper is strictly Prohibited

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11. Only non-Programmable Calculators are allowed during examinations.



Semester-VIII

College of Engineering, Pune End Semester Examination Time- Table

B. Tech

| Date | 25th April 2019 | 27th April 2019 | 29th April 2019 | 2nd May 2019 | 4th May 2019 | 6th May 2019 | 10th May 2019 |
|---------------------------|--|--|--|---|--|--|--|
| | 23ui April 2019 | 27 (n April 2019 | 29th April 2019 | 2019 2019 | 401 May 2019 | our May 2019 | 10th May 2019 |
| Day | Thursday | Saturday | Monday | Thursday | Saturday | Monday | Friday |
| Branch Time | 2.00 pm to 5.00 pm | 2.00 pm to 5.00 pm | 2.00 pm to 5.00 pm | 2.00 pm to 5.00 pm | 2.00 pm to 5.00 pm | 2.00pm to 5.00pm | 2.00 pm to 5.00 pm |
| Civil | Quantity Surveying and Valuation (AC-101,102,103) | Water Resources Planning and Management (AC 103)/Appropriate Technology in Construction(AC 101)/Introduction to Finite Element Analysis (AC 103)/Building Information Modelling (AC-102) | Watershed Management (AC 102)/Tunnels, Docks & Harbour Engineering(AC 103)/ Advanced Foundation Engineering(AC 101) | Minor/Honors Courses/*Intellectual Property Rights (Backlog Course) (R-14) | Operation Research (AC 102) | | |
| Computer | Compiler Construction (AC-201,202,203) | Computer Forensics and Legal Perspective(AC 201)/Mobile and Ad-hoc Networks,(AC 203)/System Administration (104) | Cyber Security (AC Lab)/ Distributed System (AC 201)/Multicore Technology (AC 203)/Advance Database Management Systems(AC 202) | Minor/Honors Courses/*Intellectual Property Rights (Backlog Course) (R-14) | | | |
| Electrical | Project and Finance Management (EE - 102,104,101) | Energy Auditing and Conservation /Smart Grids (EE -101) | Energy Storage Systems (EE 104,101) | Minor/Honors Courses/*Intellectual Property Rights (Backlog Course) (R-14) | | Wind and Solar (EE 101) | |
| Е & ТС | | Mobile Communication (Room No - 14,21,15) | Analog CMOS Design (Room No - 15)/IoT Based Systems (Room No - 14,21)/Embedded Software And RTOS (Room No - 21) | Minor/Honors Courses/*Intellectual Property Rights (Backlog Course) (R-14) | | | |
| Information Technology | Distributed Systems (AC -104,204,203) | Computer Forensics and Legal Perspective(AC 202)/Mobile and Ad-hoc Networks(AC 204)/System Administration(AC 104) | Cyber Security (AC Lab)/Multicore Technology (AC 203)/Advance Database Management Systems (AC 202) | Minor/Honors Courses/*Intellectual Property Rights (Backlog Course) (R-14) | | | |
| Instrumentation | Automotive Instrumentation/Internet of Things (Room No -13) | Power Plant Instrumentation (Room No -13) | Batch Process Control/Embedded Systems (Room No -13) | Minor/Honors Courses/*Intellectual Property Rights (Backlog Course) (R-14) | Artificial Intelligence and Machine Learning (Room No -13) | | |
| Mechanical | Metrology and Quality Control/Industrial Management (Backlog Course) (AC-201,202,203,204,104) | Advanced CAD/CAM/(AC 201)Mechanical Vibrations and Acoustics(AC 202)/World Class Manufacturing (AC 203,204)/Introduction to Nuclear Engineering (AC-104,204) | Energy Conservation and Management (AC 201)/Robotics and Automation (AC 104)/Air Conditioning System Design AC 202,203/Mechanics of Composite Materials (AC 204,203) | Minor/Honors Courses/*Intellectual Property Rights (Backlog Course) (R-14) | | | |
| Metallurgy | Design and Selection of Materials (AC -101,102,103) | Failure Analysis of Engineering Materials /Fracture and Failure Analysis (Backlog Course) (AC -101,102,103) | Forging Technology (Room No 1) /Modeling of Engineering Materials (Room No 17)/Secondary Steel Making (Room No 1) /MOOC (Room 17) | Minor/Honors Courses/*Intellectual Property Rights (Backlog Course) (R-14) | Nuclear Materials (Room No- 1)/Laser Materials Processing (Room No-17) | Surface Processing of Materials (Room No-1) | Light Metals and Alloys (Room No-1) |
| Production | | | Project and Production Management (AC -101,102,103) | Minor/Honors Courses/*Intellectual Property Rights (Backlog Course) (R-14) | | | |
| Planning | Planning Practice - II (EE-104,101) | Urban Governance and Management (EE-104,101) | | | | | |

*Time : 2.00pm to 4.00pm

Instructions:

- 1. Students should be **seated** in the examination hall 15 minutes before the examination.
- 2. Only exceptional cases will be allowed to enter examination hall during first 30 minutes
- 3. No students will be allowed to enter the examination hall after 30 minutes from the commencement of the examination.
- 4. Students cannot leave the examination hall during last 30 minutes of the examination even if they have completed the paper
- 5. During the period of examination, students will not be permitted to leave the examination hall for any reason.
- 6. I- Card is compulsory in examball. Any student found without I- Card will be fined.
- 7. Mobile phones are strictly not allowed. Mobiles should be kept in the bag in switched off mode. Any one found with mobile will be fined.
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- 9. Writing on Question Paper is strictly Prohibited
- 10. Students should follow all above instruction Scrupulously. Violation may lead to heavy penalization including expulsion from exam.
- 11. Only non-Programmable Calculators are allowed during examinations.



End Semester Examination

Time- Table

| | F. Y. M. Tech | | | | | | |
|---|--|--|--|--|--|--|---|
| Date | 27th April 2019 | 29th April 2019 | 2nd May 2019 | 4th May 2019 | 6th May 2019 | 8th May 2019 | 10th May 2019 |
| Day | Saturday | Monday | Thursday | Saturday | Monday | Wednesday | Friday |
| Specialization Time | 2.00pm to 5.00pm | 2.00pm to 5.00pm | 2.00pm to 5.00pm | 2.00pm to 5.00pm | 2.00pm to 5.00pm | 2.00pm to 5.00pm | 2.00pm to 5.00pm |
| Construction | Building Information Management (AC -102) | | Construction Cost Dynamics (AC -104) | Operation Research (AC -102) | Underground opening (AC -104) | Construction Project Planning & Management (AC -104) | Construction Technique (AC -104) |
| Geotechnical | | | Soil Engineering II (AC -104) | Soil Dynamics (AC -104) | Analysis & Design of Foundations (AC -104) | Ground Improvement (AC -104) | Soil Structure Interaction (AC -104) |
| Environmental and Water Resources Engineering | | | Urban Hydrology and Drainage (AC -204) | Stochastic Hydrology (AC -204) | Environment Impact Assessment (AC -204) | Integrated Water Resources Management/ Irrigation and Drainage (AC -204) | Solid and Hazardous Waste Management (AC -204) |
| Structural | | | Finite Element Method (AC -204) | Earthquake Analysis and Design of Structures (AC -204) | Computer Aided Analysis of Structures/Structural Health Monitoring (AC -204) | Advanced Design of Structures (AC -103) | |
| Town Planning | | | Infrastructure Planning (AC-101) | Laws in Relation to Planning (AC-101) | Planning Techniques (AC-101) | Geoinformatics (AC-101) | Rural Development and Inclusive Planning/Urban Regeneration and Renewal (AC-101) |
| Computer | #Technical MOOC/Intership/Industry Floated Course Date:27 & 28 April 2019 | | Advanced Algorithms (AC 103) | Data Mining and Machine Learning (AC 103) | Secutrity in Computing (AC 103) | Embedded Systems (AC 103) | Cloud, Virtualization and Big Data (AC 103) |
| Information Security | #Technical MOOC/Intership/Industry Floated Course Date:27 & 28 April 2019 | | Internet of Things (AC -203) | Network Security (AC -203) | Wireless and Mobile Security (AC -203) | Applied Cyber Security (AC -203) | Advanced Database and Information Retrieval (AC -203) |
| Embedded Control Systems | | | Nonlinear Dynamical Systems (AC -202) | Sliding Mode Control (AC -202) | Control Related Estimations (AC -202) /Automotive Electronics : Hardware Development. (AC -201) | Intelligent Control System/Automotive Electronics : Software Development (AC -202) | Embedded System Design (AC -202) |
| Power Electronics and Power System | Smart Grid Technologies (EE 101) | Energy Storage Systems (EE-104) | Digital Protection (AC -202) | Power Electronics Applications to Power Systems (AC -202) | Power System Dynamics and Stability (AC -202) | Electrical Power Distribution Systems/Renewable Energy Systems (AC -202) | |
| Power Electronics and Machine Drives | Smart Grid (EE 101) | Energy Storage Systems (EE-104 | Advance Electric Drives (AC -203) | Power Electronics Applications to Energy System (AC -203) | Wind and Solar System (EE 101)/Advance Linear Control System (AC-203)/Automotive Electronics : Hardware Development. (AC -201) | Design of Power Electronics Systems (AC - 203)/Automotive Electronics : Software Development. (AC -201) | DSP Applications to Power Electronics and Drives (AC 203) |
| Digital Systems | | | DSP Architecture (AC-104) | Digital CMOS VLSI Design (AC-104) | Crypto-Processors (AC- 104)/Automotive Electronics : Hardware Development. (AC 201) | Pattern Recognition and Classification (AC-104) / Automotive Electronics : Software Development (AC 201) | Real Time Operating Systems (AC-104) |
| VLSI and Embedded Systems | | | VLSI Design Verification and Testing (AC-104) | System Design with Embedded Linux Time : 2.00pm to 4.00 Pm (AC-104) | Automotive Electronics (AC- 104)/Automotive Electronics Hardware Development (AC 201) | Parallel Processing (AC- 104)/Automotive Electronics Software Development (AC-201) | Analog and Digital CMOS VLSI Design (AC-104) |
| Signal Processing | | | Digital Image and Video Processing (AC-204) | JTFA and MRA Techniques (AC-204) | Multispectral Signal Analysis (AC-204) | Biomedical Signal Processing (AC-204) | Learning (AC-204) |
| Wired and Wireless Comm | | | Antennas and Radiating Systems (AC-204) | High Performance Network (AC-204) | Internet of Things (AC-204) | Wireless sensor Network (AC- 204) | Advances in Digital Communication (AC-204) |
| BioMedical Instrumentation | Bio-Medical Signal Processing | | Advanced Medical Instrumentation (AC 201) | Soft Computing /Embedded System (AC 201) | Physiological Modeling (AC 201) | Ultrasonic Applications in Bioengineering (AC 201) | |
| Process Instrumentation | | Batch Process Control (Room 13) | Advanced Process Instrumentation (AC LabTime 10.00 to 6.00) | Soft Computing /Embedded System (AC 201) | Flow Engineering and Control Valve (AC LabTime 10.00 to 4.00)/ Automotive Electronics: Hardware Development (AC 201) | Automotive Electronics: Software Development (AC 201)/Process Modeling and Optimization (Room No 13) | Advanced Control System (AC 201) |
| Automobile | | | IC Engine Modling (AC-101) | Automotive Electronics (AC-101) | Vehicle Dynamics (AC-101) | Automotive Engine Design (AC-101) | Finite Element Method/Computational Fluid Dynamics (AC-101) |
| Design | | | Optimizations Techniques in Desing (AC -202) | Tribology in Design /Mechanics of Composite Materials (AC -202) | Analysis & Synthesis of Mechanisms (AC -202) | Fracture Mechanics (AC -202) | Finite Element and Boundary Element Method (AC -202) |
| Thermal | | Energy Conservation and Management (AC -204) | Modeling of I C Engine (AC -202) | Air Conditioning System Design/Design of Solar and Wind System (AC -202) | Nuclear Engineering (AC -202) | Computatinoal Fluid Dynamics (AC -202) | Design of Heat Exchanger (AC -202) |
| Materials Engineering | Characterization Techniques (Room -1) | | High Temperature Corrosion (Room -1) | Nuclear Materials (Room -1) | Advanced Composites (Room -1) | Mechanical Behavior of Materials (Room -1) | Amorphous Materials (Room -17) |
| Process Metallurgy | Characterization Techniques (Room -1) | Secondary Steel Making (Room -1) | High Temperature Corrosion (Room -1) | Nuclear Materials (Room -1) | Surface Processing of Materials (Room -1) | Mechanical Behavior of Materials (Room -1) | Light Metals and Alloys (Room -1) |
| Mfg. & Auto. Engg. | Advanced Material Forming (AC 103) | Reliability Engineering (AC 103) | Metrology & Computer Aided Inspection (AC 103) | Advanced Manufacturing Technology (AC 103) | Computer Aided Design and Manufacturing (AC 103) | Manufacturing System Design & Optimization (AC 103) | Advanced Material Processing (AC 103) |
| Mechatronics | | Fluid Power Systems & Factory Automation (Computer Lab- I DPEIM) | Industrial Instrumentation and Control (AC 103) | Robot Dynamics and Analysis (AC 103) | Computer Integrated Manufacturing (AC 103)/Autornoics and Vehicle Intelligence(AC 103)/Automotive Electronics:Hardware Development(AC 201) | Micro Electro-Mechanical Systems (AC 103)/ Automotive Electronics: Software Development (AC 201) | Embedded System Design (AC 103) |
| Project Management | | Human Resource Development (AC 103) | Quantitative Techniques in Project Management (AC 103) | Computer Simulation & Analytical Tools (AC 103) | Supply Chain and Logistics Management/Automotive Electronics: Hardware Development (AC 103) | Reliability Engineering (AC 103) /Automotive Electronics: Software Development (AC 201) | Human Factors in Project Management (AC 103) |

Instructions:

Online NPTEL -Technical MOOC- Date :27/04/2019 & 28/04/2019

1. Students should be **seated** in the examination hall 15 minutes before the examination.

2. Only exceptional cases will be allowed to enter examination hall during first 30 minutes

3. No students will be allowed to enter the examination hall after 30 minutes from the commencement of the examination.4. Students cannot leave the examination hall during last 30 minutes of the examination even if they have completed the paper

4. Students cannot leave the examination han during last 50 minutes of the examination even in they have completed the paper

5. During the period of examination, students will not be permitted to leave the examination hall for any reason.

6. I- Card is compulsory in examball. Any student found without I- Card will be fined.

7. Mobile phones are strictly not allowed. Mobiles should be kept in the bag in switched off mode. Any one found with mobile will be fined.

8. Exchange/Sharing of any stationary and calculators is not allowed

9. Writing on Question Paper is strictly Prohibited

10. Students should follow all above instruction Scrupulously. Violation may lead to heavy penalization including expulsion from exam.

11. Only non-Programmable Calculators are allowed during examinations.



END SEM EXAMINATION (DATE: 25/04/2019 TIME: 10 TO 1)

SEATING ARRANGEMENT FOR S.Y.B.TECH INSTITUTE LEVEL OPEN ELECTIVE

| Course Offered | Course Name | Venue |
|-----------------|--|---------------------------------|
| Civil | Basic Civil Engineering | Academics Complex - 101,102,103 |
| Computer | Information Systems | Academics Complex - 101,102,103 |
| Electrical | Electrical Technology | Room No -EE102,EE 104, EE 101 |
| E&TC | Principles of Electronic Communication | Room No - 14,21,15 |
| Instrumentation | Engineering Instrumentation | Room No - 13 |
| Mechanical | Automobile Engineering | Academics Complex - 201,202,203 |
| Mechanical | Computer Aided 3 D Geometric Modeling | Academics Complex - 204 |
| Metallurgy | Device Materials | Academics Complex - 201,202,203 |
| Production | Production Processes and Metrology | Academics Complex -104 |

END SEM EXAMINATION (DATE : 26/04/2019 TIME : 2 TO 5)

SEATING ARRANGEMENT FOR T.Y.B.TECH ILOE IN HUMANITIES

| Course Offered | Course Name | Venue | |
|-----------------|---|--|--|
| | Engineering Economics-II (Time : 2 TO 5) | Academics Complex-101,102,103 | |
| | English Language Proficiency-II (Time : 2 TO 4) | Room No-14,21 | |
| | Finance for Engineers-II (Time : 2 TO 4) | Academics Complex -201,202,203,204,104 | |
| Applied Scinece | German Language-II (Time : 2 TO 3.30) | Room No-Mech Mail Hall 1,2 | |
| | Industrial Psychology-II (Time : 2 TO 5) | Academics Complex-101,102,103 | |
| | Japanese Language-II (Time : 2 TO 4) | Room No -13 | |
| | Personnel Psychology-II (Time : 2 TO 4) | Academics Complex-201,202,203,204,104 | |

END SEM EXAMINATION (DATE : 28/04/2019 TIME : 2 TO 5)

SEATING ARRANGEMENT FOR T.Y.B.TECH TECHNICAL MOOC/INTERSHIP/INDUSTRY FLOATED COURSE

| Course Offered | Course Name | Venue | |
|----------------|--|----------------------------|--|
| | Advanced Hydraluics | Academics Complex -102 | |
| C::1 | Modern Construction Materials | Academics Complex -101,102 | |
| Civil | Advanced Foundation Engineering | Academics Complex -103 | |
| | Modern Surveying Techniques | Academics Complex -103 | |
| | Introduction to Optimum Design | Academics Complex -203 | |
| Mechanical | Machine Learning language for Mechanical | Academics Complex -202 | |
| | Thermal System Engineering | Academics Complex - 201 | |
| Metallurgy | Material Characterization | Room No-17,1 | |

END SEM EXAMINATION (DATE: 09/05/2019 TIME: 2 TO 5)

SEATING ARRANGEMENT FOR T.Y.B.TECH HONOR & MINOR

| Course Offered | Course Name | Venue |
|----------------|---|----------------------------|
| Civil | Advanced Geotechnical Engineering | Academics Complex -104 |
| | Advanced Mechanics of Materials | Academics Complex -104 |
| Computer & IT | Advanced Database Management | Academics Complex -201,202 |
| Due du etter | Reliability and Maintenance Engineering | Academics Complex -103 |
| Production | Industrial Instrumentation and Control | Academics Complex -103 |
| Computer & IT | Object Oriented Programming and Design | Academics Complex -101,102 |
| Electrical | Wind Energy Systems | Academics Complex- 104 |
| E&TC | Network Protocols | Academics Complex- 104 |
| Instrumentaion | Mechanical Measurements | Academics Complex- 103 |
| Mathematics | Fundamentals of Business Finance | Academics Complex- 101,102 |
| Planning | Fundamentals of Geomechanics | Academics Complex -103 |
| Electrical | Embedded System Design Date & Time : 10th May 2019 Time: 2 To 5 | Academics Complex -202 |
| | Finite Element Boundary Element Methods Date & Time : 10th May 2019 Time: 2 To 5 | Academics Complex -202 |
| Mechanical | Computational Fluid Dynamics Date & Time : 10th May 2019 Time: 2 To 5 | Academics Complex- 202 |
| Metallurgy | Light Metals and Alloys Date & Time : 10th May 2019 Time: 2 To 5 | Room No-1 |
| Metallurgy | Mechanical Behavior of Materials Date & Time : 08th May 2019 Time : 2 To 5 | Room No-1 |
| Instrumentaion | Process Modeling Simulation and Optimization Date & Time : 08th May 2019 Time : 2 To 5 | Room No 13 |

END SEM EXAMINATION (DATE : 02/05/2019 TIME : 2 TO 5)

SEATING ARRANGEMENT FOR B.TECH HONORs & MINOR

| Course Offered | Course Name | Venue |
|----------------|--|-------------------------|
| Civil | Construction Cost Dynamics | Academics Complex - 102 |
| Civii | Geotechnical and Structural Design of Foundations | Academics Complex - 102 |
| Computer & IT | Multicore Technology | Room No -14,21 |
| Instrumentaion | Process Dynamics and Control | Academics Complex - 201 |
| Mashaniaal | Fracture Mechanics Date & Time: 08th May 2019 Time : 2 To 5 | Academics Complex - 201 |
| Mechanical | Modeling of I C Engine | Academics Complex - 201 |
| | Amorphous Materials Date & Time: 10th May 2019 Time: 2 To 5 | Room No 1 |
| Metallurgy | High Temperature Corrosion | Room No 1 |
| Durchastion | Mechatronics System Design | Academics Complex - 201 |
| Production | Machine Tool Systems | Academics Complex - 201 |
| Computer & IT | Internet Technologies | Room No 13 |
| Electrical | Hydro Energy Systems | Academics Complex - 102 |
| E&TC | IOT Architecture | Academics Complex - 102 |
| Instrumentaion | Industrial Instrumentation | Academics Complex - 102 |
| Mathematics | Applied Finance | Academics Complex - 102 |