

(An Autonomous College Under VTU)

Mudugurki, Venkatagiri Kote Post, Devanahalli, Bengaluru – 562110 Approved by A.I.C.T.E / NBA Accredited / Affiliated to VTU

New courses offered across all the Programmes

| Sl. No | Branch | Page No |
|--------|---------------------|---------|
| 1 | Assessment Period | 01-03 |
| 2 | Academic Year 20-21 | 04-06 |
| 3 | Academic Year 19-20 | 07-08 |
| 4 | Academic Year 18-19 | 09-10 |
| 5 | Academic Year 17-18 | 11-14 |
| 6 | Academic Year 16-17 | 15-16 |

Nagarjuna College of Engineering & Technology in an Autonomous Institute under Visvesvaraya Technological University. The graduate attributes are as per Outcome Based Education (OBE)/ Choice Based Credit System (CBCS). The new courses offered across all the Programme included Modern Technologies, Skill Development, Industrial orientated courses, Entrepreneurship Humanities and Social Sciences and Employability.



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New courses across all programmes offered during the assessment period

| Name of the Course | Course Code | Year of introduction (during the last five years) |
|-------------------------------------------------------|-------------|---------------------------------------------------|
| Placement Training-I | 19CSH39 | |
| Universal Human Values | 19UHV47 | 2020-21 |
| Placement Training-II | 19CSH48 | 2020-21 |
| Advanced JAVA | 18CSI52 | 2020-21 |
| Artificial Intelligence | 18CSI552 | 2020-21 |
| Placement Training-III | 18CSH59 | 2020-21 |
| Information Retrieval | | 2020-21 |
| Digital Switching Systems | 18EET561 | 2020-21 |
| Green Buildings | 18EET562 | 2020-21 |
| Advanced Cloud Computing | 18EET563 | 2020-21 |
| Introduction to Block Chain | 18CSI641 | 2020-21 |
| Image Processing | 18CSI642 | 2020-21 |
| Nano-electronics | 18EET651 | 2020-21 |
| Water Resources Engineering | 18EET652 | 2020-21 |
| Robotic Process Automation | 18EET653 | 2020-21 |
| Placement Training-IV | 18HOE662 | 2020-21 |
| Construction Materials, Stores and Inventory Control | 18CSH69 | 2020-21 |
| Jniversal Human Values | 19CVT34 | 2020-21 |
| Construction Quality | 19CVT38 | 2020-21 |
| Vlanagement System (QA/QC) | 19CVT54 | 2000 - |
| oundation Engineering | 19CVT55 | 2020-21 |
| asics of Structural Dynamics and Earthquake Resistant | | 2020-21 |
| onstruction planning Techniques | 19 CVT 561 | 2020-21 |
| lacement Training | 19CVT63 | 2020-21 |
| dvanced design of temporary structure | 19CVPT60 | 2020-21 |
| onstruction joints and water proofing | 19 CVT 652 | 2020-21 |
| onstruction Safety and industrial policies | 19CVT661 | 2020-21 |
| ridge Engineering | 19 CVT 662 | 2020-21 |
| nergy efficient and Green Buildings | 19 CVT71 | 2020-21 |
| nalysis and Design of Tall Structures | 19 CVT 733 | 2020-21 |
| omputational Structural Mechanics | 19CVT 741 | 2020-21 |
| Ivanced Design of Steel Structures | 19 CVT 742 | 2020-21 |
| vironment Science | 19 CVT 743 | 2020-21 |
| esign of Masonry Structures | 18CVT58 | 2020-21 |
| ral Water Supply and Sanitation | 18CVT535 | 2020-21 |
| Supply and Sanitation | 18CVT536 | 2020-21 |
| lid Waste Management | 18 EET541 | 2020-21 4 C |



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| Modeling of Residential Building using Al | 18 EET542 | 2020-21 |
|--------------------------------------------------------------|------------|---------|
| Metal Forming Process | 18 EET543 | 2020-21 |
| C++ | 18 EET544 | 2020-21 |
| Repair and Rehabilitation of Structures | 18CVT645 | 2020-21 |
| Remote sensing & GIS | 18 EET651 | 2020-21 |
| Data-Driven Models for Early Prediction of Construction Time | 18 EET652 | 2020-21 |
| Non Destructive Testing | 18 EET653 | 2020-21 |
| Python | 18 EET654 | 2020-21 |
| Basics of Photography | 18 HOE 668 | 2020-21 |
| Design of Composite Structures | 19CSE331 | 2020-21 |
| Risk and Material Managmenet | | |
| | 20 CCT14 | 2020-21 |
| Design of Energy Efficient Buildings | 20 CCT153 | 2020-21 |
| Construction Quality and Safety | 20 CCT21 | 2020-21 |
| Lean Construction And Supply Chain Management | 20 CCT251 | 2020-21 |
| Special Concrete | 20 CCT253 | 2020-21 |
| Advanced Structural Analysis | 20CSE241 | 2020-21 |
| Dissertation Evaluation | 20CSE43 | 2020-21 |
| Universal Human Values | 19UHV47 | 2020-21 |
| Information Retrieval | 18EET561 | 2020-21 |
| Placement Training-I | 19CSH39 | 2020-21 |
| Placement Training-II | 19CSH48 | 2020-21 |
| Placement Training-III | 18CSH59 | 2020-21 |
| Information Retrieval | 18EET561 | 2020-21 |
| Digital Switching Systems | 18EET562 | 2020-21 |
| Green Buildings | 18EET563 | 2020-21 |
| Advanced Cloud Computing | 18CSI641 | 2020-21 |
| Introduction to Block Chain | 18CSI642 | 2020-21 |
| Image Processing | 18EET651 | 2020-21 |
| Nano-electronics | 18EET652 | 2020-21 |
| Robotic Process Automation | 18HOE662 | 2020-21 |
| Placement Training-IV | 18CSH69 | 2020-21 |
| Fourier series, Transforms and Numerical Techniques | 19MAT31 | 2020-21 |
| Elements of Communication | 19ECH39 | 2020-21 |
| Applied Calculus and Probability Distribution | 19MAT41 | 2020-21 |
| Jniversal Human Values | 19ECT47 | 2020-21 |
| Professional Development of Engineers | 19ECH49 | 2020-21 |
| undamentals of CMOS VLSI (IC) | 18ECI52 | 2020-21 |
| accountancy and Taxation | 18ECT54 | 2020-21 |
| Digital Switching Systems | 18ECT551 | |
| Veb Technology | 18ECT562 | |
| nvironmental Studies | 18ECH58 | 2020-21 |



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| Employability Skills and Aptitude Development | 18ECH59 | 2000 01 |
|-----------------------------------------------|----------|---------|
| ARM Processors | 18101133 | 2020-21 |
| Nano-electronics | 18ECT641 | 2020-21 |
| | 18ECT643 | 2020-21 |
| Image Processing | 18ECT652 | |
| Pattern Recognition | 18601032 | 2020-21 |
| | 18ECT653 | 2020-21 |
| Employability Skills and Aptitude Development | 18ECH69 | 2020-21 |

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New courses across all programmes offered during the academic year 20-21

| Name of the Course | Course Code | Year of introduction (during the last five years) |
|--------------------------------------------------------|-------------|---------------------------------------------------|
| Placement Training-l | 19CSH39 | 2020-21 |
| Universal Human Values | 19UHV47 | 2020-21 |
| Placement Training-II | 19CSH48 | 2020-21 |
| Advanced JAVA | 18CSI52 | 2020-21 |
| Artificial Intelligence | 18CSI552 | 2020-21 |
| Placement Training-III | 18CSH59 | 2020-21 |
| Information Retrieval | 18EET561 | 2020-21 |
| Digital Switching Systems | 18EET562 | 2020-21 |
| Green Buildings | 18EET563 | 2020-21 |
| Advanced Cloud Computing | 18CSI641 | 2020-21 |
| Introduction to Block Chain | 18CSI642 | 2020-21 |
| Image Processing | 18EET651 | 2020-21 |
| Nano-electronics | 18EET652 | 2020-21 |
| Water Resources Engineering | 18EET653 | 2020-21 |
| Robotic Process Automation | 18HOE662 | 2020-21 |
| Placement Training-IV | 18CSH69 | 2020-21 |
| Construction Materials, Stores and Inventory Control | 19CVT34 | 2020-21 |
| Universal Human Values | 19CVT38 | 2020-21 |
| Construction Quality | | |
| Management System (QA/QC) | 19CVT54 | 2020-21 |
| Foundation Engineering | 19CVT55 | 2020-21 |
| Basics of Structural Dynamics and Earthquake Resistant | 19 CVT 561 | 2020-21 |
| Construction planning Techniques | 19CVT63 | 2020-21 |
| Placement Training | 19CVPT60 | 2020-21 |
| Advanced design of temporary structure | 19 CVT 652 | 2020-21 |
| Construction joints and water proofing | 19CVT661 | 2020-21 |
| Construction Safety and industrial policies | 19 CVT 662 | 2020-21 |
| Bridge Engineering | 19 CVT71 | 2020-21 |
| Energy efficient and Green Buildings | 19 CVT 733 | 2020-21 |
| Analysis and Design of Tall Structures | 19CVT 741 | 2020-21 |
| Computational Structural Mechanics | 19 CVT 742 | 2020-21 |
| Advanced Design of Steel Structures | 19 CVT 743 | 2020-21 |
| Environment Science | 18CVT58 | 2020-21 |
| Design of Masonry Structures | 18CVT535 | 2020-21 |
| Rural Water Supply and Sanitation | 18CVT536 | 2020-21 OF ENGG |
| Solid Waste Management | 18 EET541 | 2020-210 |



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| Modeling of Residential Building using AI | 18 EET542 | 2020-21 |
|--------------------------------------------------------------|------------|--------------------|
| Metal Forming Process | 18 EET543 | 2020-21 |
| C++ | 18 EET544 | 2020-21 |
| Repair and Rehabilitation of Structures | 18CVT645 | 2020-21 |
| Remote sensing & GIS | 18 EET651 | 2020-21 |
| Data-Driven Models for Early Prediction of Construction Time | 18 EET652 | 2020-21 |
| Non Destructive Testing | 18 EET653 | 2020-21 |
| Python | 18 EET654 | 2020-21 |
| Basics of Photography | 18 HOE 668 | 2020-21 |
| Design of Composite Structures | 19CSE331 | 2020-21 |
| Risk and Material | | |
| Managmenet | 20 CCT14 | 2020-21 |
| Design of Energy Efficient Buildings | 20 CCT153 | 2020-21 |
| Construction Quality and Safety | 20 CCT21 | 2020-21 |
| Lean Construction And Supply Chain Management | 20 CCT251 | 2020-21 |
| Special Concrete | 20 CCT253 | 2020-21 |
| Advanced Structural Analysis | 20CSE241 | 2020-21 |
| Dissertation Evaluation | 20CSE43 | 2020-21 |
| Universal Human Values | 19UHV47 | 2020-21 |
| Information Retrieval | 18EET561 | 2020-21 |
| Placement Training-I | 19CSH39 | 2020-21 |
| Placement Training-II | 19CSH48 | 2020-21 |
| Placement Training-III | 18CSH59 | 2020-21 |
| Information Retrieval | 18EET561 | 2020-21 |
| Digital Switching Systems | 18EET562 | 2020-21 |
| Green Buildings | 18EET563 | 2020-21 |
| Advanced Cloud Computing | 18CSI641 | 2020-21 |
| Introduction to Block Chain | 18CSI642 | 2020-21 |
| Image Processing | 18EET651 | 2020-21 |
| Nano-electronics | 18EET652 | 2020-21 |
| Robotic Process Automation | 18HOE662 | 2020-21 |
| Placement Training-IV | 18CSH69 | 2020-21 |
| Fourier series, Transforms and Numerical Techniques | 19MAT31 | 2020-21 |
| Elements of Communication | 19ECH39 | 2020-21 |
| Applied Calculus and Probability Distribution | 19MAT41 | 2020-21 |
| Universal Human Values | 19ECT47 | 2020-21 |
| Professional Development of Engineers | 19ECH49 | 2020-21 |
| Fundamentals of CMOS VLSI (IC) | 18ECI52 | 2020-21 |
| Accountancy and Taxation | 18ECT54 | 200000 |
| Digital Switching Systems | 18ECT551 | 2020-21 CE OF ENGG |
| Web Technology | 18ECT562 | 2020-21 |
| Environmental Studies | 18ECH58 | 2020-21 |



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|-----------------------------------------------|----------|---------|
| Employability Skills and Aptitude Development | 18ECH59 | 2020-21 |
| ARM Processors | 18ECT641 | 2020-21 |
| Nano-electronics | 18ECT643 | 2020-21 |
| Image Processing | 18ECT652 | 2020-21 |
| Pattern Recognition | 18ECT653 | 2020-21 |
| Employability Skills and Aptitude Development | 18ECH69 | 2020-21 |

PRINCIPAL

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New courses across all programmes offered during the academic year 19-20

| Name of the Course | Course Code | Year of introduction (during the last five years) |
|------------------------------------------------------------------|---------------------|---------------------------------------------------|
| Name of the Course | Course Code | Year of introduction (during the last five years) |
| Integral Transforms & Applications | 18CSM31 | 2019-20 |
| Career Skill Development Programme | 18CSH37 | 2019-20 |
| Statistics and Probability using R | 18CSM41 | 2019-20 |
| Renewable Energy Sources | 18EET451 | 2019-20 |
| Management Information Systems | 18EET453 | 2019-20 |
| Environmental Air Pollution | 18EET454 | 2019-20 |
| Vyavaharika Kannada / Adalitha Kannada | 18KAK38/18KVK38 | 2019-20 |
| Technical Report Writing & IRDP | 18CSH47 | 2019-20 |
| Technical Report Writing & IRDP Aadalitha Kannada / Vyavaharika | 18CVH37 | 2019-20 |
| Kannada | 18KAK38 | 2019-20 |
| Constitution of India , Professional Ethics and Human Rights | 18CPH48 | 2019-21 |
| Construction Techniques and Practices | 18CVT353 | 2019-20 |
| Career Skill Development Programme | 100///47 | 2010 20 |
| Introduction to Cyber Security and Cyber Laws | 18CVH47 18EET452 | 2019-20 |
| Management Information System | 18EET453 | 2019-20 |
| Advanced Design of Pre-stressed Concrete Structures | 19CSE151 | 2019-20 |
| Design of Precast & Composite Structures | 19CSE152 | 2019-20 |
| Structural Health Monitoring | 19CSE252 | 2019-20 |
| Research Methodology & IPR | 19CCT17 | 2019-20 |
| Integral Transforms & Applications | 18CSM31 | 2019-20 |
| Career Skill Development Programme | 18CSH37 | 2019-20 |
| Statistics and Probability using R | 18CSM41 | 2019-20 |
| Renewable Energy Sources | 18EET451 | 2019-20 |
| Management Information Systems | 18EET453 | 2019-20 |
| Environmental Air Pollution | 18EET454 | 2019-20 |
| Technical Report Writing & IRDP | 18CSH47 | 2019-20 |
| Vyavaharika Kannada / Adalitha Kannada | 18KAK38/18KVK38 | 2019-20 |
| Integral Transforms with SCILAB | 18ECM31 | 2019-20 |
| Career Skill Development Programme | 18CSD37 | 2019-20 |
| Fourier Series and Probability Theory (IC) | 18ECM41 | 2019-20 NGG. & TECH |
| Data Structures with C | 18ECT352 | 2019-20 |



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| T | |
|-----------------|---------------------------------------------------------------------------------------------------------------------------|
| 18EET452 | 2019-20 |
| 18ECI442 | 2019-20 |
| 18KAK48/18KVK48 | 2019-20 |
| 18CSD47 | 2019-20 |
| | |
| 17MBA17 | 2019-20 |
| 17MBA27 | 2019-20 |
| 17MBA31 | 2019-20 |
| 17MBA42 | 2019-20 |
| 19MAT31 | 2019-20 |
| 19MET33 | 2019-20 |
| 19MEH37 | 2019-20 |
| 19MEI41 | 2019-20 |
| 19MET42 | 2019-20 |
| 19MEI43 | 2019-20 |
| 19CPH48 | 2019-20 |
| 19CPH47 | 2019-20 |
| | |
| | |
| | 18ECI442 18KAK48/18KVK48 18CSD47 17MBA17 17MBA27 17MBA31 17MBA42 19MAT31 19MET33 19MEH37 19MEI41 19MET42 19MEI43 19CPH48 |

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New courses across all programmes offered during the academic year 18-19

| Name of the Course | Course Code | Year of introduction (during the last five years) |
|-------------------------------------------------------------------|-------------|---------------------------------------------------|
| Internet of Things | 15CSI71 | 2018-19 |
| Web Technologies – Servlet, JSP | 15CSI733 | 2018-19 |
| Managing Big Data with MySQL (Certificate Course) Duke University | 15CST743 | 2018-19 |
| JAVA with Full Stack | 15CST744 | 2018-19 |
| Tax Management | 15HOE751 | 2018-19 |
| Assessment of Building Energy Performance (Offered by ASHRAE) | 15HOE752 | 2018-19 |
| National Disaster Management & Mitigation | 15HOE753 | 2018-19 |
| Certification Course (Online) | 15HOE754 | 2018-19 |
| Advanced JAVA | 15HOE757 | 2018-19 |
| Small & Medium Enterprise Management | 15HOE761 | 2018-19 |
| Occupational Safety & Health Administration | 15HOE762 | 2018-19 |
| Animation & Multimedia Engineering | 15HOE763 | 2018-19 |
| Certification Course (Online) | 15HOE764 | 2018-19 |
| Advanced Python | 15HOE767 | 2018-19 |
| Integrated Rural Development – Part I | 17CVH39 | 2018-19 |
| Integrated Rural Development – Part II | 17CVH49 | 2018-19 |
| Construction Industry Practice-III | 15CVT731 | 2018-19 |
| Fire safety and management | 15CVT741 | 2018-19 |
| Fundamentals of Energy, Environment and climate change | 15CVT742 | 2018-19 |
| Tax Management | 15HOE751 | 2018-19 |
| Assessment of Building Energy Performance (Offered by ASHRAE) | 15HOE752 | 2018-19 |
| Natural Disaster Mitigation and Management | 15HOE753 | 2018-19 |
| Online Certification courses from IITs / IISc / SWAYAM / EDX | 15HOE754 | 2018-19 |
| Small and Medium Enterprise Management | 15HOE761 | 2018-19 |
| Occupational Safety and Health Administration | 15HOE762 | 2018-19 |
| Animation and Multimedia Engineering | 15HOE763 | 2018-19 |
| 21,0110011116 | 131102703 | 2010 15 |
| Online Certification courses from IITs / IISc / SWAYAM / EDX | 15HOE764 | 2018-19 |
| nfrastructure Planning | 18CCT151 | 2018-19 |
| Advanced Construction Techniques | 18CCT242 | 2018-19 |
| Soil exploration and Ground Improvement techniques | 18CCT243 | 2018-19 NGG. 8 TECH |
| Quantity Surveying & Billing | 18CCT252 | 2018-19 |
| Construction Method Statement Procedures | 18CCT321 | 2018-19 |



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| Repair and Rehabilitation of structures | 18CCT323 | 2018-19 |
|-------------------------------------------------------------------|----------|---------|
| Research Methodology & IPR | 18CSE17 | 2019-20 |
| Design of Floating Structures | 18CSE321 | 2018-19 |
| Online Course -2 | 18CSE322 | 2018-19 |
| Online Course - 3 | 18CSE331 | 2018-19 |
| Internet of Things | 15CSI71 | 2018-19 |
| Web Technologies – Servlet, JSP | 15CSI733 | 2018-19 |
| Managing Big Data with MySQL (Certificate Course) Duke University | 15CST743 | 2018-19 |
| JAVA with Full Stack | 15CST744 | 2018-19 |
| Tax Management | 15HOE751 | 2018-19 |
| Assessment of Building Energy Performance (Offered by ASHRAE) | 15HOE752 | 2018-19 |
| National Disaster Management & Mitigation | 15HOE753 | 2018-19 |
| Certification Course (Online) | 15HOE754 | 2018-19 |
| Advanced JAVA | 15HOE757 | 2018-19 |
| Small & Medium Enterprise Management | 15HOE761 | 2018-19 |
| Occupational Safety & Health Administration | 15HOE762 | 2018-19 |
| | | |
| Animation & Multimedia Engineering | 15HOE763 | 2018-19 |
| Certification Course (Online) | 15HOE764 | 2018-19 |
| Advanced Python | 15HOE767 | 2018-19 |
| MEMS | 15ECT743 | 2018-19 |
| Web Technologies | 15ECI732 | 2018-19 |
| Artificial Intelligence | 15ECT742 | 2018-19 |
| JAVA with Full Stack | 15ECT746 | 2018-19 |
| Advanced C Programming and Data Structures | 15ECT744 | 2018-19 |
| Introduction to Embedded System and C Programming | 15ECT745 | 2018-19 |
| Tax Management | 15HOE751 | 2018-19 |
| Assessment of Building Energy Performance (Offered by ASHRAE) | 15HOE752 | 2018-19 |
| National Disaster Management & Mitigation | 15HOE753 | 2018-19 |
| Certification Course (Online) | 15HOE754 | 2018-19 |
| Automotive Embedded System Design | 15HOE755 | 2018-19 |
| Advanced Embedded Systems | 15HOE756 | 2018-19 |
| Advanced JAVA | 15HOE757 | 2018-19 |

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New courses across all programmes offered during the academic year 17-18

| Name of the Course | Course Code | Year of introduction (during the last five years) |
|----------------------------------------------------|-------------|---------------------------------------------------|
| | | yearsy |
| Integrated Rural Development – Part 1 | 16CSH39 | 2017-18 |
| Fundamentals of Multimedia | 16CSI452 | 2017-18 |
| Integrated Rural Development – Part 2 | 16CSH49 | 2017-18 |
| Advanced Algorithms | 15CSI551 | 2017-18 |
| Computer Forensics (MOOCS) | 15CST562 | 2017-18 |
| The Data Scientist's Toolbox (Certificate Course), | | |
| Johns Hopkins University | 15CST563 | 2017-18 |
| Project Based Learning-1 | 15CST564 | 2017-18 |
| General Aptitude | 15CSH59 | 2017-18 |
| Soft Computing | 15CSI643 | 2017-18 |
| Network Security (MOOCS) | 15CST652 | 2017-18 |
| Operations Analytics (Certificate Course), Wharton | | |
| University of Business | 15CST653 | 2017-18 |
| Project Based Learning-2 | 15CST654 | 2017-18 |
| Lab View – Level 1 | 15HOE661 | 2017-18 |
| Yoga and mMeditation | 15HOE662 | 2017-18 |
| Martial Arts | 15HOE663 | 2017-18 |
| Music | 15HOE664 | 2017-18 |
| Dance | 15HOE665 | 2017-18 |
| Sports | 15HOE666 | 2017-18 |
| Online Certification Courses from IITs / IISc / | | |
| SWAYAM / EDX | 15HOE667 | 2017-18 |
| Technical Aptitude and Group Discussion | 15CSH68 | 2017-18 |
| Mini Project and Seminar | 15CSP69 | 2017-18 OF ENGG. 8 TECH |



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| Construction Industry Practice-I | 15CVT541 | 2017-18 |
|----------------------------------------------------|----------|-----------------------|
| Construction Management and Engineering | | |
| Economics | 15CVT552 | 2017-18 |
| Online Certification courses from IITs / IISc / | | |
| SWAYAM / EDX | 15CVT553 | 2017-18 |
| Green Buildings | 15CVT561 | 2017-18 |
| Building Services | 15CVT562 | 2017-18 |
| General Aptitude | 15CVH59 | 2017-18 |
| Construction Industry Practice-II | 15CVT641 | 2017-18 |
| Lab View – Level 1 | 15HOE661 | 2017-18 |
| Yoga and Meditation | 15HOE662 | 2017-18 |
| Martial Arts | 15HOE663 | 2017-18 |
| Music (Carnatic Vocal / Instrumental) | 15HOE664 | 2017-18 |
| Dance | 15HOE665 | 2017-18 |
| Sports | 15HOE666 | 2017-18 |
| Online Certification Courses from IITs / IISc / | | |
| SWAYAM / EDX | 15HOE667 | 2017-18 |
| Detailing of Structural | | |
| Elements Lab | 15CVL67 | 2017-18 |
| Technical Aptitude and GD | 15CVH69 | 2017-18 |
| Integrated Rural Development – Part 1 | 16CSH39 | 2017-18 |
| Fundamentals of Multimedia | 16CSI452 | 2017-18 |
| Integrated Rural Development – Part 2 | 16CSH49 | 2017-18 |
| Advanced Algorithms | 15CSI551 | 2017-18 |
| Computer Forensics (MOOCS) | 15CST562 | 2017-18 |
| The Data Scientist's Toolbox (Certificate Course), | | |
| Johns Hopkins University | 15CST563 | 2017-18 KENGG. & TECH |
| Project Based Learning-1 | 15CST564 | 2017-18 |
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| General Aptitude | 15CSH59 | 2017-18 |
|----------------------------------------------------|----------|--------------------|
| Soft Computing | 15CSI643 | 2017-18 |
| Network Security (MOOCS) | 15CST652 | 2017-18 |
| Operations Analytics (Certificate Course), Wharton | n | |
| University of Business | 15CST653 | 2017-18 |
| Project Based Learning-2 | 15CST654 | 2017-18 |
| Yoga and mMeditation | 15HOE662 | 2017-18 |
| Martial Arts | 15HOE663 | 2017-18 |
| Music | 15HOE664 | 2017-18 |
| Dance | 15HOE665 | 2017-18 |
| Sports | 15HOE666 | 2017-18 |
| Online Certification Courses from IITs / IISc / | | |
| SWAYAM / EDX | 15HOE667 | 2017-18 |
| Technical Aptitude and Group Discussion | 15CSH68 | 2017-18 |
| Mini Project and Seminar | 15CSP69 | 2017-18 |
| Integrated Rural Development – Part 1 | 16ECH39 | 2017-18 |
| Integrated Rural Development – Part 2 | 16ECH49 | 2017-18 |
| Object Oriented programming with JAVA | 15ECI552 | 2017-18 |
| Online Certification course from IITs / IISc / | | |
| SWAYAM / EDX | 15ECI553 | 2017-18 |
| Mechatronics | 15ECT561 | 2017-18 |
| Energy Engineering and Management | 15ECT562 | 2017-18 |
| Management Information Systems | 15ECT564 | 2017-18 |
| Project Based Learning-1 | 15ECT565 | 2017-18 |
| General Aptitude | 15ECH59 | 2017-18 |
| Database Concepts | 15ECI632 | 2017-18 |
| Online certification courses from IITs / IISC / | 15ECI633 | 2017-18 GE OF ENGG |



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| SWAYAM / EDX | | |
|-------------------------------------------------|-------------|---------|
| Operations Research | 15ECT641 | 2017-18 |
| Robotics | 15ECT642 | 2017-18 |
| Internet of Things (IoT) | 15ECT643 | 2017-18 |
| Project Based Learning-2 | 15ECT644 | 2017-18 |
| Lab View – Level 1 | 15HOE661 | 2017-18 |
| Yoga and mMeditation | 15HOE662 | 2017-18 |
| Martial Arts | 15HOE663 | 2017-18 |
| Music | 15HOE664 | 2017-18 |
| Dance | 15HOE665 | 2017-18 |
| Sports | 15HOE666 | 2017-18 |
| Online Certification Courses from IITs / IISc / | | |
| SWAYAM / EDX | 15HOE667 | 2017-18 |
| Fechnical Aptitude and Group Discussion | 15ECH68 | 2017-18 |
| Mini Project and Seminar | 15ECP69 | 2017-18 |
| Entrepreneurial Strategy | 15MBA21 | 2017-18 |
| abor Legislations & welfare | 15MBA HR211 | 2017-18 |
| ngineering Mathematics -III | 17MEM31 | 2017-18 |
| Basic Thermodynamics | 17MET33 | 2017-18 |
| echnical Report Writing & IRDP | 17MEH37 | 2017-18 |
| ntegrated Rural Development – Part 1 | 17MEH39 | 2017-18 |
| ngineering Mathematics -IV | 17MEM41 | 2017-18 |
| pplied thermodynamic | 17MEI43 | 2017-18 |
| Naterial Testing Laboratory | 17MEL48 | 2017-18 |
| ntegrated Rural Development – Part 2 | 17MEH49 | 2017-18 |

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Devanahalli (Tq) Bengaluru (Dt.)-Pin: 562164



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New courses across all programmes offered during the academic year 16-17

| Name of the Course | Course Code | Year of introduction (during the last five years) |
|---------------------------------------------------|-------------|---------------------------------------------------|
| Creating Interactive and Responsive Web Pages | 15CSI362 | 2016-17 |
| Virtualization Foundations | 15CSI38 | 2016-17 |
| Soft Skills Development-1 | 15CSH39 | 2016-17 |
| Introduction to Programming using Python | 15CSI453 | 2016-17 |
| Introduction to Cyber Security and Cyber Laws | 15CST461 | 2016-17 |
| Linear Integrated Circuits | 15CST462 | 2016-17 |
| Control Systems | 15CST463 | 2016-17 |
| Cloud Computing Foundations | 15CSI48 | 2016-17 |
| Soft Skills Development-2 | 15CSH49 | 2016-17 |
| Soft Skills Development I | 15CVH39 | 2016-17 |
| Soft Skills Development II | 15CVH49 | 2016-17 |
| Renewable Energy Resources | 15CVT461 | 2016-17 |
| Object Oriented Programming with C++ | 15CVT462 | 2016-17 |
| Management Information Systems | 15CVT463 | 2016-17 |
| Smart Materials | 15CVT464 | 2016-17 |
| Construction Materials, Methods and Equipments | 15CSE321 | 2016-17 |
| Advanced Construction Techniques | 15CSE323 | 2016-17 |
| Formwork Design Of Structures | 15CSE333 | 2016-17 |
| Project Phase– III | 15CSE42 | 2016-17 |
| Advanced design of sub structures | 15CCT242 | 2016-17 |
| Project Safety Management | 15CCT321 | 2016-17 |
| Formwork Design Of Structures | 15CCT332 | 2016-17 |
| Quantitative methods in construction | 15CCT333 | 2016-17 |
| Project Phase– III | 15CCT42 | 2016-17 |
| Creating Interactive and Responsive Web Pages | 15CSI362 | 2016-17 |
| Virtualization Foundations | 15CSI38 | 2016-17 |
| Soft Skills Development-1 | 15CSH39 | 2016-17 |
| Introduction to Programming using Python | 15CSI453 | 2016-17 |
| Introduction to Cyber Security and Cyber Laws | 15CST461 | 2016-17 |
| Creating Interactive and Responsive Web Pages | 15ECI362 | 2016-17 |
| Computer Communication and Networking | 15ECl361 | 2016-17 |
| Soft Skills Development-1 | 15ECH39 | 2016-17 |
| Introduction to Programming using Python | 15ECI453 | 2016-17 |
| Renewable Energy Resources | 15ECT461 | 2016-17 |
| Object Oriented Programming using C++ | 15ECT462 | 2016-17 |
| Smart Materials | 15ECT463 | 2016-17 |
| Management Information Systems | 15ECT464 | 2016-17 |
| Soft Skills Development-2 | 15ECH49 | 2016-17 |
| Written Analysis & Executive Communication | 15 MBA 16 | 2016-17 |
| Integral Transforms & Calculus of Variations (IC) | 16MEM31 | 2016-17 |
| Measurements and Manufacturing Process | 16MET32 | 2016-17 (ENGG & TEC |
| Technical Report Writing & IRDP | 16MEH37 | 2016-17 |
| | | |



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| | 16KAK38/ | |
|----------------------------------------|----------|---------|
| Vyavaharika Kannada / Adalitha Kannada | 16KAK38 | 2016-17 |

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