



NMAM INSTITUTE OF TECHNOLOGY

(An Autonomous Institution affiliated to VTU, Belgaum)

(NBA Accredited, ISO 9001:2008 Certified)

Nitte – 574110, Karkala, Udupi District, Karnataka, India



: 08258 - 281997

: 08258-281 039-281263

Fax : 08258-281 265

Dr. I. R. Mithanthaya M.Tech, M.B.A., Ph.D., MISTE, MIRC, MIGS

Vice Principal & Dean Academic

Ref. No. NMAMIT/VP & Dean (Aca)/2017/207

18/04/2017

All students who want to register for the **Audit courses during the summer vacation period** are hereby informed to register for the course through **On line Registration from 19/04/2017 (MOODLE)**. Last date for the Course Registration is **5/05/2017**.

Student can register maximum 2 audit courses. Course fee is Rs 600/ Course.

DEAN ACADEMIC

PRINCIPAL

CC to:

Vice Principal/COE

Mrs. Jayashree , Senior Programmer

All HOD'S : Civil , Mech, E&C, E&E, CS, ISE, BT, Phy., Chem., Maths, Humanities,

College notice boards

Notice Boards (Ladies & Gents Hostel)



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NMAM INSTITUTE OF TECHNOLOGY, NITTE – 574 110

Audit Courses offered for the year – 2017 (May – June – July)

| Sl. No. | Dept. | Name of Audit Course | Course Code | Name of Faculty | Applicable to | No. of Students |
|---------|--|---|--------------------|---|---|-----------------|
| 1. | E&E | Repair of Home Appliances & Electrical Wiring | AU005 | Dr. NageshPrabhu Prof. K. V. Shettigar | IV & VI Sem. E&E | |
| 2. | | Lab View Basics | AU015 | Dr. Pius Pinto Mr. Girish Joshi | IV Sem E&E, E&C & Mechanical | |
| 3. | BT | Industries and Entrepreneur's consent Management: (Lectures with Case Studies) | AU020 | Dr. Chethan D. M. | | |
| 4. | | Tree senses of the campus to know the Bio Diversity of Plants | AU021 | Dr. Vaman Rao | Applicable to all branches | |
| 5. | | Evaluation of growth and EPS production by Lactobacillus rhamnosus | | Dr. Vidya S. M. | As per the criteria announced by Biotechnology Department | |
| 6. | | Synthesis of Cellulose nanofibers as bioadsorbents for the removal of pollutants from waste water | | Dr. Anilkumar H. S. | | |
| 7. | Rational antibody Designing for the Clearance of Endotoxin | | Dr. Bharath B. R. | | | |
| 8. | Chemical and biological | Mini Projects | Ms. Sneha Nayak | | | |



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|-----|--|--|--|--------------|---|--------------------------------------|--|
| | | synthesis of silver Nanoparticles – A comparative study | | AU019 | | | |
| 9. | | Process Improvement in microwave assisted acid digestion of oil cake | | | Mr. Venkatesh Kamath | | |
| 10. | | Production of lactic acid from biodiesel industry residues using Lactobacillus rhamnosus | | | Dr. C. Vaman Rao | | |
| 11. | | Co-utilization of Pongamia seed cake hydrolysate and glycerol for bio-oil production | | | Ms. Harshitha J. | | |
| 12. | | Java Design Patterns | | AU009 | Mr. SampathKini | VI Sem CSE | |
| 13. | | Visual Cryptography | | AU022 | Mr. Ranjan Kumar H. S. | VI Sem CSE, ISE & MCA | |
| 14. | | HTML & Web Programming PHP (with Lab) | | AU023 | Mrs. Divya Jennifer Mrs. ShabariShedthi B. | IV & II Sem Open to all Branches | |
| 15. | | Computer Graphics Using Open GL | | AU024 | Mr. Sannidhan M. S. Mr. PawanHegde | IV & VI Sem Non IT Branch | |
| 16. | | Data Analytics using R Programming | | AU025 | Ms. Anisha P. Rodrigues | IV & VI Sem CSE, ISE & E&C | |
| 17. | | Python Programming | | AU026 | Mr. Vijayamurari T. Mr. RameshaShettigar | IV & VI Sem CSE, ISE, E&C, BT, & MCA | |
| 18. | | Mobile Application Development using Android &PhoneGap – (MAD Lab) | | AU012 | Mr. RoshanFernandes | VI Sem E&C, CSE, ISE | |



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| | CSE | | | | & MCA | |
|-----|---|--------------|--|---|-------|--|
| 19. | Data Structures | AU027 | Mrs. Minu P. Abraham Mrs. AsmithaPoojari | IV & VI Sem Open to all branches | | |
| 20. | Analysis & Design of Algorithms | AU028 | Mrs. Minu P. Abraham Mrs. AsmithaPoojari | IV & VI Sem Open to all branches | | |
| 21. | CUDA Programming | AU029 | Mr. Raju K. Mr. Pradeep Nazareth | IV & VI Sem CSE, ISE, MCA & E&C | | |
| 22. | Data Mining and knowledge Discovery | AU030 | Mr. Sandeep Kumar Hegde Mrs. RajalaxmiHegde | IV & VI Sem Open to all branches | | |
| 23. | Aurdino Applications & Dummies | AU031 | Mr. Raghunandan K. R. Mr. Jason (ISE) Mr. Rakesh Joshi (ISE) | IV & VI Sem CSE, ISE, MCA, E&C & E&E | | |
| 24. | Advanced Algorithms | AU032 | Mrs. Pallavi K. N. | IV, VI & VIII Sem CSE, ISE, MCA, & E&C | | |
| 25. | NS ₂ Programming | AU066 | Mr. Ravi B. | IV & VI Sem | | |
| 26. | Cyber Security | AU033 | Mr. KarthikPai B. H. Mr. VasudevaPai | CS, IS, M.Tech-(CS & IS) MCA | | |
| 27. | Steganography : Fundamentals & Techniques | AU034 | Ms. Rashmi | CSE, ISE | | |
| 28. | Machine Learning using R | AU035 | Ms. Ashwini B. Mr. Venugopala P. S. (CSE) | CSE, ISE, MCA | | |
| 29. | Introduction to programming with Matlab | AU036 | Ms. Deepa | CSE, ISE, MCA | | |



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|-----|--|--|-------------------|---|--|--|
| 30. | ISE | Data Analytics | AU037 | Mr. Devidas Mr. Rakesh Joshi, Mr. Sunil Kumar Aithal (CSE) | CSE, ISE | |
| 31. | | Software testing using selenium | AU038 | Mrs. Chinmai Shetty | All Branches ❖ Java is mandatory | |
| 32. | | Business Intelligence | AU039 | Mr. Devidas Mr. Rakesh Joshi Mr. Sunil Kumar Aithal (CSE) | Non IT students | |
| 33. | | Arduino for Dummies | AU040 | Mr. Jason Mr. Rakesh Joshi Mr. Raghunandan (CSE) | CSE, ISE | |
| 34. | | Fundamentals of Virtualization & Cloud Computing | AU041 | Mr. AbhirBhandary Mr. SrikanthBhat K. | All Branches | |
| 35. | | Network Security | AU042 | Mr. Akshaya Prathyakshini | CSE, ISE | |
| 36. | | Mobile Application development using Android | AU043 | Mr. Devidas Mr. Rakesh Joshi | All Branches * Java is mandatory | |
| 37. | | Wireless Sensor Networks (WSN): Introduction to Architecture, Design Goals & Research Challenges | AU044 | Mr. Pranesh V. Kallapur | CSE, ISE, MCA (Optional for : E&E & E&C) | |
| 38. | | Physical and Datalink layer Simulation of wireless sensor networks | AU045 | Mr. Durga Prasad | VI & VIII ECE, CSE & ISE | |
| 39. | | A laboratory course on Arduino | AU016 | Mr. Pradyumna G. R. | IVSemE&C | |
| 40. | Probability & Random Processes for Communication | AU046 | Mrs. Shrividya G. | VISem E&C& CSE | | |



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|-----|----------------|--|--------------|--|--------------------------------|--|
| 41. | E&C | Pre Project Training on sensors, Actuators and Motor driver Interface- Laboratory course | AU047 | Mr. Sukesh Rao M. | II, IV, VI & VIII All Dept. | |
| 42. | | Schematic and PCB Layout Design using KiCad (open source EDA software) | AU048 | Mr. Sukesh Rao M. | II, IV, VI & VIII All Dept. | |
| 43. | | Machine Learning | AU049 | Mrs. Usha Desai | VI Sem ECE, CSE & ISE | |
| 44. | | Microstrip Antenna Design Technique | AU050 | Dr. Ashish Singh | VI, VIII &M.Tech. ECE | |
| 45. | MECH | Research Methodology | AU051 | Prof. GururajUpadhyaya Prof. A. K. Somayaji | | |
| 46. | | Advanced Welding Technology | AU052 | Dr. Mallikappa D. Mr. Bhaskara P. | | |
| 47. | | Design for Manufacturing | AU053 | Mr. Bhaskara P. | | |
| 48. | | Advanced NDT Methods | AU054 | Dr. Mallikappa | | |
| 49. | | Nano-Technology | AU055 | Mr. Santhosh G. | | |
| 50. | | Industrial Ergonomics | AU056 | Mr. Sharath Chandra | | |
| 51. | | Refrigeration & Air Conditioning | AU057 | Mr. Suresh Shetty | | |
| 52. | | Industrial (steam) Energy Audit | AU058 | Mr. Mohan Poojari | | |
| 53. | | Surface Engineering | AU059 | Mr. Ajit M. Hebbale | | |
| 54. | | MEMS | AU003 | Mr. Veeresh R. K. | | |
| 55. | | Introduction to Piping Engineering | AU060 | Mr. Rajath | VI Sem Mechanical | |



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|-----|------------------------|---|----------------------------|---|---------------------------------------|--------------|
| 56. | CIVIL | Land Surveying using Total Station | AU001 | Prof. Y. Umashankar Shetty Mr. Jayaraj | IV & VI Sem | |
| 57. | | Landscape Designing | AU014 | Dr. Srinath Shetty | IV & VI Sem | |
| 58. | | Introduction to Ancient Indian Technology | AU061 | Dr. I. R. Mithanthaya | For all Civil & Mechanical | |
| 59. | MCA | Machine Learning – Case Study | AP004 | Dr. Surendra Shetty Mrs. SarikaHegde | IV Sem MCA IV & VI Sem CSE& ISE | |
| 60. | | Android App Development | AP003 | Ms. MamathaBalipa | II & IV Sem MCA | |
| 61. | | Image Processing Techniques | AP005 | Ms. Pallavi Shetty | II & IV Sem MCA | |
| 62. | | Internet of Things | AP006 | Ms. Spoorthi P. Shetty | MCA, CSE, ISE | |
| 63. | | Python Concepts and Programming | AP001 | Mr. Anantha Murthy | IV Sem MCA | |
| 64. | | Big Data Management - Basics | AP007 | Ms. Saritha Shetty | II & IV Sem MCA | |
| 65. | | Web Application Development Using PHP | AP008 | Mr. Puneeth B. R. | MCA & E&C | |
| 66. | | Mathe matics | Graphs, Trees and Counting | AU062 | Ms. Chaithra K. Ms. Smitha G. V. | All branches |
| 67. | Mathematical Modelling | | AU063 | Dr. Sharad M. Hegde | All branches | |
| 68. | Chemi stry | Paint Technology | AU064 | Prof. Ramesh Bhat | All branches | |
| 69. | Physic s | Modern Optics | AU065 | Dr. SharadaPrabhu Prof. Manjunath | All branches | |



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|-----|------------|---------------------------------------|--------------|-----------------|--|--|
| 70. | ELC | FUNDAMENTALS OF LOW POWER VLSI DESIGN | AU066 | Mrs Sushma P.S. | III and final year E&C and E&E students. | |
|-----|------------|---------------------------------------|--------------|-----------------|--|--|