



Sadhana Shikshan Mandal's  
**SARASWATI COLLEGE**

Gaulkhed Road, Shegaon 444203 (M.S.) (Tel-07265-254478, 254498)  
Web: [www.saraswaticollege.edu.in](http://www.saraswaticollege.edu.in) Email: [Saraswati.edu.shg@gmail.com](mailto:Saraswati.edu.shg@gmail.com)

- Approved by AICTE, New Delhi & D.T.E. M.S., Mumbai ●
- Affiliated to Sant Gadge Baba Amaravati University, Amravati ● **College Code:-372**

All Students of **BCA & MCA** are hereby requested to **enroll for various online courses of NPTEL** through College NPTEL Local Chapter.  
The Detailed list of courses provided is given below.

**For More Details and Enquiry Contact:**

**Prof. Akshay Lahe (8411997699)**

| Course ID  | Course Name   | Institute     | Duration | Course Start | Course End | Exam Date |
|------------|---|---------------|----------|--------------|------------|-----------|
| noc18_cs31 | Problem Solving through Programming in C                          | IIT Kharagpur | 12 Weeks | 30-Jul       | 19-Oct     | 28-Oct    |
| noc18_cs32 | <b>Programming in C++</b>   | IIT Kharagpur | 8 weeks  | 6-Aug        | 28-Sep     | 7-Oct     |
| noc18_cs33 | <b>Introduction to Programming in C</b>                           | IITK          | 8 weeks  | 27-Aug       | 19-Oct     | 28-Oct    |
| noc18_cs34 | Programming, data structures and algorithms using Python          | CMI           | 8 weeks  | 6-Aug        | 28-Sep     | 7-Oct     |
| noc18_cs35 | <b>The Joy of Computing using Python</b>                          | IITRopar      | 12 Weeks | 30-Jul       | 19-Oct     | 28-Oct    |
| noc18_cs36 | <b>Data Base Management System</b>                                | IIT Kharagpur | 8 weeks  | 6-Aug        | 28-Sep     | 7-Oct     |
| noc18_cs37 | Design and analysis of algorithms                                 | CMI           | 8 weeks  | 27-Aug       | 19-Oct     | 28-Oct    |
| noc18_cs53 | Discrete Mathematics  | IITRopar      | 12 Weeks | 30-Jul       | 19-Oct     | 28-Oct    |
| noc18_cs39 | Scalable Data Science   | IIT Kharagpur | 8 weeks  | 6-Aug        | 28-Sep     | 7-Oct     |
| noc18_cs40 | <b>Introduction to Machine Learning</b>                           | IIT Kharagpur | 8 weeks  | 27-Aug       | 19-Oct     | 28-Oct    |
| noc18_cs52 | <b>Introduction to R Software</b>                                 | IITK          | 8 weeks  | 6-Aug        | 28-Sep     | 7-Oct     |
| noc18_cs41 | Deep Learning   | IITM          | 12 Weeks | 30-Jul       | 19-Oct     | 28-Oct    |
| noc18_cs42 | <b>Software testing</b>   | IITB          | 12 Weeks | 30-Jul       | 19-Oct     | 28-Oct    |
| noc18_cs43 | Software Engineering  | IIT Kharagpur | 12 Weeks | 30-Jul       | 19-Oct     | 28-Oct    |
| noc18_cs38 | Computer Networks and Internet Protocol                           | IIT Kharagpur | 12 Weeks | 30-Jul       | 19-Oct     | 28-Oct    |
| noc18_cs44 | <b>Cloud Computing</b>  | IIT Kharagpur | 8 weeks  | 6-Aug        | 28-Sep     | 7-Oct     |
| noc18_cs45 | Cloud Computing and Distributed Systems                           | IITK          | 8 weeks  | 27-Aug       | 19-Oct     | 28-Oct    |
| noc18_cs46 | <b>Introduction to Internet of Things</b>                         | IIT Kharagpur | 12 Weeks | 30-Jul       | 19-Oct     | 28-Oct    |
| noc18_cs29 | Computer Architecture   | IITD          | 12 Weeks | 30-Jul       | 19-Oct     | 28-Oct    |
| noc18_cs51 | <b>Artificial Intelligence Search Methods for problem Solving</b> | IITM          | 12 Weeks | 30-Jul       | 19-Oct     | 28-Oct    |

|            |  |                    |          |        |        |        |
|------------|--|--------------------|----------|--------|--------|--------|
| noc18_cs47 | Blockchain Architecture Design and Use Cases                 | IITKGP & IBM       | 12 Weeks | 30-Jul | 19-Oct | 28-Oct |
| noc18_cs30 | Switching Circuits and Logic Design                          | IIT Kharagpur      | 12 Weeks | 30-Jul | 19-Oct | 28-Oct |
| noc18_cs48 | Hardware Modeling using Verilog                              | IIT Kharagpur      | 8 Weeks  | 27-Aug | 19-Oct | 28-Oct |
| noc18_cs49 | Model Checking   | CMI                | 12 Weeks | 30-Jul | 19-Oct | 28-Oct |
| noc18_cs50 | Multi-Core Computer Architecture – Storage and Interconnects | IITG               | 8 weeks  | 6-Aug  | 28-Sep | 7-Oct  |
| noc18_cs54 | Embedded Systems-- Design Verification and Test              | IITG               | 12 Weeks | 30-Jul | 19-Oct | 28-Oct |
| noc18_cs55 | Introduction to parallel Programming in Open MP              | IITD               | 4 Weeks  | 13-Aug | 7-Sep  | 7-Oct  |
| noc18_cs56 | Social Networks  | IIT Bhilai & IIT R | 12 weeks | 30-Jul | 19-Oct | 28-Oct |
| noc18_cs57 | Design and pedagogy of the introductory programming course   | IITB               | 4 Weeks  | 27-Aug | 21-Sep | 28-Oct |