

	<b>Dr. N.G.P. ARTS AND SCIENCE COLLEGE</b> (An Autonomous Institution, Affiliated to Bharathiar University, Coimbatore) Approved by Government of Tamil Nadu and Accredited by NAAC with 'A' Grade (2 <sup>nd</sup> Cycle) Dr. N.G.P. – Kalapatti Road, Coimbatore-641048, Tamil Nadu, India Web: <a href="http://www.drngpasc.ac.in">www.drngpasc.ac.in</a>  Email: <a href="mailto:info@drngpasc.ac.in">info@drngpasc.ac.in</a>   Phone: +91-422-2369100	<b>NAAC</b> <b>3<sup>rd</sup> Cycle</b>
		<b>Criterion II</b> <b>Metric 2.3.2</b>

### 2.3.2 Center for Virtual Learning

The following are the number of Virtual Learning Courses available in our institution during the academic year 2016-17 to 2020-21:

S. No.	Contents
1	Introduction
2	Establishment of Center for Virtual Learning
3	NPTEL
4	Spoken Tutorial
5	MOOCs
6	Coursera
7	Value Virtual Lab
8	e-Learning Lab Time Table

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		<p align="center"><b>Criterion II Metric 2.3.2</b></p>

## 1. INTRODUCTION

Virtual Learning is a learning process with the combination of content that is both delivered digitally and through face-to-face learning. Virtual Learning contributes to the shifts from traditional face-to-face learning to the use of web technological tools which enhances collaborative learning and presents an entirely new learning platform for students. Virtual Learning has also been the principal form of distance education but now, it is also changing the instructions on higher education as it is now becoming a global agent in higher education. Advancements in technology learning have contributed to the enhancements of generations of face-to-face learning and generations of distance education. As to it, when eLearning develops, it has begun to use different approaches to address diverse goals.

Dr. N.G.P. Arts and Science College is an active local chapter for last five years and is listed among top 100 among 4500 NPTEL local chapters. E-learning Initiatives (Digital Learning) encourages the students and faculty members to enroll in any course of their interest and provides all the required support for the successful completion. So far, 3500+ students and faculty members have completed several NPTEL courses. E-learning Initiatives (Digital Learning) helps students in identifying mentors for the course, completing assignments in time, and payment of course fee etc.

In addition to NPTEL, Spoken Tutorial, Free MOOC Courses-Coursera, Udemy, Alison, and SWAYAM are offered to our students and faculty members through E-learning Initiatives (Digital Learning). Spoken Tutorial Model resource center is well equipped in order to aid faculty members and students to complete various courses.

- 3500+ Student and Faculty members completed SWAYAM-NPTEL Online Courses
- 6000+ Students registered and Completed Courses in Spoken Tutorial, IIT Bombay
- 6000+ Students and Faculty members completed Free MOOC Courses
- 2500 staff members across PAN India attended one-week online Workshop on various MOOC Courses available on Spoken Tutorial project collaboration with Spoken Tutorial, IIT Bombay
- 26 Webinars were conducted during pandemic situation

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		<b>Criterion II</b> <b>Metric 2.3.2</b>

## 2. VIRTUAL LEARNING

### 2.1 Composition

Chairman	Dr.V.Rajendran Principal	Head of the institution by virtue
Convener	Dr.D.Geetharamani Dean – Academics	Virtue of Designation
Coordinators	Dr.R.Rajesh Kanna Mrs.V.Manimekalai	Nominated by Principal
Members	Dr.A.Nirmala Sr.R.Chandrasekar Mrs.S.Revathi Mrs.D.Malarvizhi Dr.D.Pradeepa Mrs.T.Nithya	

There are certain goals when it comes to e-Learning and some of these are to:

- Enhance the quality of learning and teaching
- Meet the learning style or needs of students
- Improve the efficiency and effectiveness
- Improve user-accessibility and time flexibility to engage learners in the learning process
- Provides access to more information and allows students to use their own initiative to find it
- Students imbibe extra computer skills that may prove useful generally
- Students can study whenever and wherever they want
- The students benefit from person to person interaction as well as the new dimensions that the Internet can bring to their studies

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- Digital information reduces strain on the library. Students no longer feel they have to fight over books

The following activities are conducted through Center for Digital Learning:

1. NPTEL Online Courses
2. Spoken Tutorial Courses
3. Free MOOC Courses (Open2Study, Coursera, Udemy, British Council of India, etc.)
4. Professional Skill Development Programme (hostel Students)
5. Webinars
6. Value Virtual Lab
7. Online Faculty Development Programme
8. Learning Management System (Moodle, Edmodo and Canvas)

## Inauguration of Center



**Dr. N.G.P Arts and Science College (Autonomous)**  
 An Institution of Kovai Medical Center Research and Educational Trust  
 Accredited by NAAC with 'A' Grade and Affiliated to Bharathiar University  
 Coimbatore - 641048, Tamilnadu, India.

Management, Principal, Staff Members and Students  
 Cordially invite you for the

***Inauguration of***

**FOSS Spoken Tutorial LAB | Center for Digital Learning**  
**NPTEL Local Chapter & VALUE Virtual Lab**






By

**Dr. Kannan Moudgalya**  
 Professor, IIT Bombay  
 MHRD Standing Committee Member on NMEICT Government of India

On

**Wednesday 23<sup>rd</sup> August 2017**

**Time : 3.00 PM**

**Venue : NGP Conference Center**

**Program Schedule**

**Date : 23.08.17**                      **Venue : NGP Conference Center**

Prayer Song

Welcome Address : **Mr. R. RAJESHKANNA**  
 Co-ordinator  
 Center for Digital Learning

Presidential Address : **Dr NALLA G PALANISWAMI**  
 Chairman  
 Kovai Medical Center Research & Educational Trust

Inaugural Address : **Dr. KANNAN MOUDGALYA**  
 Professor, IIT Bombay  
 MHRD Standing Committee Member on NMEICT, GOI

Special Address : **DR. A.VIMALA**  
 Nodal Co-ordinator, Spoken Tutorial  
 Head, Dept of Extension and Career Guidance  
 Bharathiar University

Felicitation Address : **Dr THAVAMANI D PALANISWAMI**  
 Secretary, Dr. NGP Educational Institutions

**DR. P.R. MUTHUSWAMY**  
 Principal, Dr. N.G.P. Arts and Science College

Vote of Thanks : **Mrs. V. MANIMEGALAI**  
 Member, Center for Digital Learning

National Anthem

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		<p align="center"><b>Criterion II</b> <b>Metric 2.3.2</b></p>

### 3.SWAYAM- NPTEL Certifications

#### SWAYAM

SWAYAM is a programme initiated by Government of India and designed to achieve the three cardinal principles of Education Policy viz., access, equity and quality. The objective of this effort is to take the best teaching learning resources to all, including the most disadvantaged. SWAYAM seeks to bridge the digital divide for students who have hitherto remained untouched by the digital revolution and have not been able to join the mainstream of the knowledge economy.

The courses hosted on SWAYAM are in 4 quadrants – (1) video lecture, (2) specially prepared reading material that can be downloaded/printed (3) self-assessment tests through tests and quizzes and (4) an online discussion forum for clearing the doubts. Steps have been taken to enrich the learning experience by using audio-video and multi-media and state of the art pedagogy / technology.

In order to ensure that best quality content is produced and delivered, nine National Coordinators have been appointed. They are:

- AICTE (All India Council for Technical Education) for self-paced and international courses
- NPTEL (National Programme on Technology Enhanced Learning) for Engineering
- UGC (University Grants Commission) for non technical post-graduation education
- CEC (Consortium for Educational Communication) for under-graduate education
- NCERT (National Council of Educational Research and Training) for school education
- NIOS (National Institute of Open Schooling) for school education
- IGNOU (Indira Gandhi National Open University) for out-of-school students
- IIMB (Indian Institute of Management, Bangalore) for management studies
- NITTTR (National Institute of Technical Teachers Training and Research) for Teacher Training programme

Courses delivered through SWAYAM are available free of cost to the learners, however learners wanting a SWAYAM certificate should register for the final proctored exams that come at a fee and attend in-person at designated centres on specified dates. Eligibility for the certificate will be announced on the course page and learners will get certificates only if this criteria is matched.

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		<b>Criterion II Metric 2.3.2</b>

Universities/colleges approving credit transfer for these courses can use the marks/certificate obtained in these courses for the same.

#### 4.NPTEL

The National Programme on Technology Enhanced Learning (NPTEL) was initiated by seven Indian Institutes of Technology (Bombay, Delhi, Kanpur, Kharagpur, Madras, Guwahati and Roorkee) along with the Indian Institute of Science, Bangalore in 2003. Five core disciplines were identified, namely, civil engineering, computer science and engineering, electrical engineering, electronics and communication engineering and mechanical engineering and 235 courses in web/video format were developed in this phase.

The main goal of NPTEL Phase II (2009-14) was to build on the engineering and core science courses launched previously in NPTEL Phase I. An additional 600 web and video courses were created in all major branches of engineering, physical sciences at the undergraduate and postgraduate levels and management courses at the postgraduate level.

#### SWAYAM-NPTEL Courses Completed by Students and Faculty

Course Run	Present	Gold	Elite	Silver	Successful	Participation	Topper
2020-2021	1120	5	224	43	396	452	8
2019-2020	546	3	151	47	175	170	4
2018-2019	1442	9	212	140	649	432	8
2017-2018	617	3	171	0	325	118	11
2016-2017	58	1	31	0	16	10	2



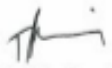
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NAAC  
3<sup>rd</sup> Cycle

Criterion II  
Metric 2.3.2

## NPTEL Awareness Workshop organized

NATIONAL PROGRAMME ON TECHNOLOGY ENHANCED LEARNING							
NPTEL							
<b>Coordinators</b> <b>Prof. Andrew Thangaraj</b> Dept. of Electrical Engg. IIT Madras <b>Prof. Vignesh Muthuvijayan</b> Dept. of Biotechnology, IIT Madras <b>Prof. Ramkrishna Pasumarty</b> Dept. of electrical engg. IIT Madras <b>Prof. Nilot Kalsare</b> Dept. of Chemical Engg. IIT Madras	To, <b>Dr. V. Rajendiran</b> <b>The Principal</b> Dr. N. G. P. Arts and Science College Coimbatore Tamil Nadu - 641048  Sub: NPTEL Awareness E-Workshop in Association with <b>Dr. N. G. P. Arts and Science College, Coimbatore, Tamil Nadu</b>  Dear Sir/Mam,  This is to certify that an NPTEL Awareness E-Workshop was organised in association with <b>Dr. N. G. P. Arts and Science College</b> on <b>January 06, 2022</b> .  The aim of this workshop was to create awareness among students and faculty members about NPTEL and its various initiatives.  <table border="1"><tr><td colspan="2">Dr. N. G. P. Arts and Science College</td></tr><tr><td>Youtube Views</td><td>7653 (as on 06.01.2022)</td></tr><tr><td>Time</td><td>10:00 AM - 12:00 PM</td></tr></table>  We would like to take this opportunity to extend our gratitude to <b>Mr/Ms R. Rajesh Kanna</b> who was instrumental in organizing this workshop in a successful manner.  We hope to continue our collaboration with your esteemed college in the coming days as well!  Thank You.   <b>Prof. Andrew Thangaraj</b> Coordinator IIT Madras Online Degree Program	Dr. N. G. P. Arts and Science College		Youtube Views	7653 (as on 06.01.2022)	Time	10:00 AM - 12:00 PM
Dr. N. G. P. Arts and Science College							
Youtube Views	7653 (as on 06.01.2022)						
Time	10:00 AM - 12:00 PM						
NPTEL Office, IC & SR Building (3 <sup>rd</sup> Floor), IIT Madras, Chennai 600 036   Tel: +91 44 2257 5905, +91 44 2257 5908 E-Mail: <a href="mailto:support@nptel.iitm.ac.in">support@nptel.iitm.ac.in</a>   Web URL: <a href="http://nptel.ac.in">http://nptel.ac.in</a>							







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NAAC  
3<sup>rd</sup> Cycle

Criterion II  
Metric 2.3.2

### NPTEL Awards & Recognitions

#### Best Local Chapter in Arts, Science and Commerce Category among Top 100 Local Chapters



#### Ranked Top 100 Local Chapter among 4300 NPTEL Local Chapter







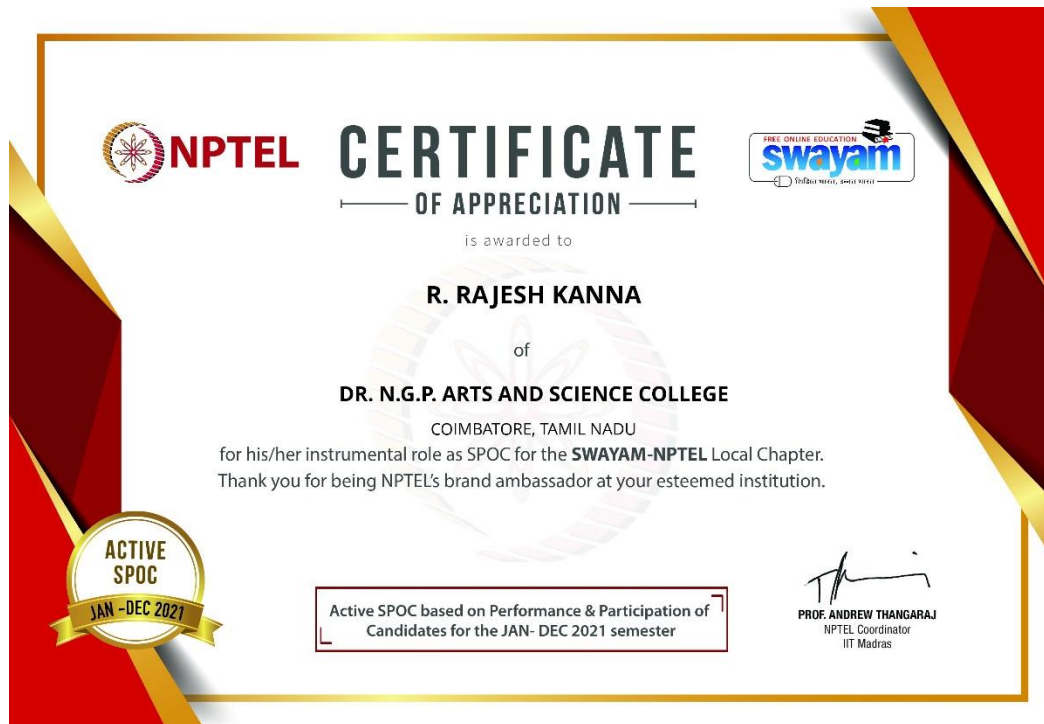
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3<sup>rd</sup> Cycle

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### NPTEL Active SPOC Award





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NAAC  
3<sup>rd</sup> Cycle

Criterion II  
Metric 2.3.2

## Student NPTEL Completion Certificate



**Elite**  
**NPTEL Online Certification**  
(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**DHANUSRI R**  
for successfully completing the course

**Body Language: Key to Professional Success**

with a consolidated score of **81** %

Online Assignments	25/25	Proctored Exam	55.5/75
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Total number of candidates certified in this course: **1571**

  
Prof. V. C. Srivastava  
Coordinator, Continuing Education Centre  
IIT Roorkee

Jul-Aug 2021  
(4 week course)

  
Prof. Priti Maheshwari  
NPTEL Coordinator  
IIT Roorkee

 Indian Institute of Technology Roorkee



Roll No: NPTEL21HS93S13312988 To validate and check scores: <https://nptel.ac.in/noc>



**Elite**  
**NPTEL Online Certification**  
(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SHIMA S**  
for successfully completing the course

**Body Language: Key to Professional Success**

with a consolidated score of **79** %

Online Assignments	25/25	Proctored Exam	53.57/75
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Total number of candidates certified in this course: **1571**

  
Prof. V. C. Srivastava  
Coordinator, Continuing Education Centre  
IIT Roorkee

Jul-Aug 2021  
(4 week course)

  
Prof. Priti Maheshwari  
NPTEL Coordinator  
IIT Roorkee

 Indian Institute of Technology Roorkee



Roll No: NPTEL21HS93S23313116 To validate and check scores: <https://nptel.ac.in/noc>





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NAAC  
3<sup>rd</sup> Cycle

Criterion II  
Metric 2.3.2



(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to  
**VIKRAM M**  
for successfully completing the course  
**Stress Management**  
with a consolidated score of **75 %**

Online Assignments	22.33/25	Proctored Exam	52.5/75
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Total number of candidates certified in this course: **974**



Prof. G P Raja Sekhar  
Dean, Continuing Education  
IIT Kharagpur

Jul-Aug 2021  
(4 week course)







Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21GE18S13310642 To validate and check scores: <https://nptel.ac.in/noc>




(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to  
**SOWMYA S**  
for successfully completing the course  
**Basics in Inorganic Chemistry**  
with a consolidated score of **75 %**


Online Assignments	22.5/25	Proctored Exam	52.01/75
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Total number of candidates certified in this course: **390**




Prof. Sridhar Iyer  
Head CDEEP & NPTEL Coordinator  
IIT Bombay

Jan-Feb 2021  
(4 week course)



Indian Institute of Technology Bombay



Roll No: NPTEL21CY10S22240857 To validate and check scores: <https://nptel.ac.in/noc>



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NAAC  
3<sup>rd</sup> Cycle

Criterion II  
Metric 2.3.2



**Elite**  
**NPTEL Online Certification**  
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to  
**SRINIVASAN N**  
for successfully completing the course

**Body Language: Key to Professional Success**

with a consolidated score of **75** %

Online Assignments	25/25	Proctored Exam	49.5/75
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Total number of candidates certified in this course: **1571**

  
**Prof. V. C. Srivastava**  
Coordinator, Continuing Education Centre  
IIT Roorkee

**Jul-Aug 2021**  
(4 week course)

  
**Prof. Priti Maheshwari**  
NPTEL Coordinator  
IIT Roorkee

**Indian Institute of Technology Roorkee**

Roll No: NPTEL21HS93513312958

To validate and check scores: <https://nptel.ac.in/noc>





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NAAC  
3<sup>rd</sup> Cycle

Criterion II  
Metric 2.3.2

## Staff NPTEL Certificate



**Elite**  
**NPTEL Online Certification**  
(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**DR R VITHYA PRABHA**  
for successfully completing the course

**Effective Writing**

with a consolidated score of **75** %

Online Assignments	24.17/25	Proctored Exam	50.63/75
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Total number of candidates certified in this course: **2785**



**Prof. V. C. Srivastava**  
Coordinator, Continuing Education Centre  
IIT Roorkee

**Jan-Feb 2021**  
(4 week course)



**Prof. Inderdeep Singh**  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL21HS44S11342185

To validate and check scores: <https://nptel.ac.in/noc>



**Elite**  
**NPTEL Online Certification**  
(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**DR S SUDHA**  
for successfully completing the course

**Effective Writing**

with a consolidated score of **75** %

Online Assignments	24.17/25	Proctored Exam	50.51/75
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Total number of candidates certified in this course: **2785**



**Prof. V. C. Srivastava**  
Coordinator, Continuing Education Centre  
IIT Roorkee

**Jan-Feb 2021**  
(4 week course)



**Prof. Inderdeep Singh**  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL21HS44S21340421

To validate and check scores: <https://nptel.ac.in/noc>

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Dr. NGPASC  
COIMBATORE | INDIA






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NAAC  
3<sup>rd</sup> Cycle

Criterion II  
Metric 2.3.2

### Staff NPTEL-FDP Certificate



## NPTEL-AICTE Faculty Development Programme


(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to


**D. PRADEEPA**

for successfully completing the course  
**Biomedical Nanotechnology**

with a consolidated score of **76 %**

  
Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

(Aug-Sep 2019)

  
Prof. Dileep N. Malkhede  
Advisor-I (Research, Institute & Faculty Development)  
All India Council for Technical Education

Roll No: NPTEL19BT28S31232360

To validate and check scores: <http://npTEL.ac.in/noc>

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.  
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.  
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18







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### 5. SPOKEN TUTORIAL

Spoken Tutorial is a multi-award winning educational content portal. Here one can learn various Free and Open Source Software all by oneself. Our self-paced, multi-lingual courses ensure that anybody with a computer and a desire for learning, can learn from any place, at any time and in a language of their choice. All the content published on this website are shared under the CC BY SA license. Our courses are simple and easy to follow even for a beginner but they also meet the growing needs of the learner.

Our engaging digital content ensures that learning happens at all levels - Basic, Intermediate and Advanced. Our content mandates side-by-side practice thereby ensuring that learners are actively learning. Many of the software taught, are used in various disciplines of Engineering, pure Sciences and several other Under-Grad and Post-Grad studies, and can be extended to Commerce, Arts and



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		<b>Criterion II</b> <b>Metric 2.3.2</b>

Management streams as well. These can also be used by Teachers to prepare lesson plans, explain abstract concepts and give digital assignments to students.

The learning can happen in an organized manner as well. Faculty in institutes can organize their batch of students into groups, who will learn a particular software course for an entire semester. The ST course can be mapped to the Course/Lab manuals and systematic learning can take place. If the academic timetable permits, then a single student can learn upto 3 different ST courses in one semester during the designated academic Lab hours.

S.No.	Academic Year	No of Certificates from Spoken Tutorial, IIT Bombay
1	2016-17	11133
2	2017-18	5485
3	2018-19	6704
4	2019-20	4614
5	2020-21	5116

**Spoken Tutorial Course Completion authorized by IIT Bombay**



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IIT Bombay

### **CERTIFICATE OF SPOKEN TUTORIAL(ST) TRAINING**

To,  
The Principal,  
Dr. N. G. P. Arts and Science College,  
Coimbatore – 641035.  
Tamil Nadu

Date: 25-09-2021

**Subject – 2015-21 status of Training done in collaboration with IIT Bombay –ST (Spoken Tutorial)**

As per agreement between **Dr. N. G. P. Arts and Science College** and Spoken Tutorial IT/Software Training Program by IIT Bombay initiated by National Mission on Education through ICT, Ministry of Education, Govt. of India to promote IT literacy through Open Source Software.

The students of **Dr. N. G. P. Arts and Science College** have enrolled in various FOSS (Free and Open Source Software) developed and certified by IIT-Bombay during academic session 2015- 2021.

Details of students enrolled in various FOSS under Spoken Tutorial IT/Software Training Program during academic session 2015- 2021.





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Criterion II  
Metric 2.3.2

Sr. No.	Department	FOSS	Participants
1	B.Com in Banking and Insurance (B.B.I)	Introduction to Computers	59
2	B.Com. with Computer Applications	FrontAccounting-2.4.7	117
3	M.Com. with Computer Applications	C and Cpp	24
4	Faculty Development Programs (FDPs)(PMMMNMNTT)	Biopython	249
5	Bachelor of Science in Information Technology (B.Sc. IT)	Tux Typing	121
6	B.Com Professional Accounting	Introduction to Computers	1
7	B Com (commerce)	LibreOffice Suite Writer	119
8	B Com (commerce)	FrontAccounting-2.4.7	119
9	Bachelor of Science in Information Technology (B.Sc. IT)	Koha Library Management System	121
10	M.Com	FrontAccounting-2.4.7	26
11	Faculty Development Programs (FDPs)(PMMMNMNTT)	Netbeans	249
12	Bachelor of Science in Information Technology (B.Sc. IT)	Netbeans	121
13	B.Sc Food Science	LibreOffice Suite Writer	60
14	Bachelor of Science in Information Technology (B.Sc. IT)	PHP and MySQL	121
15	M.Sc in Physics	LibreOffice Suite Writer	33
16	B.Com. with Computer Applications	HTML	124
17	M.Com. with Computer Applications	FrontAccounting-2.4.7	24
18	B.Sc in Chemistry	Introduction to Computers	58
19	B.Com. with Computer Applications	C and Cpp	118
20	Mathematics	HTML	15
21	B.Com. with Computer Applications	Introduction to Computers	112
22	M.Com	Introduction to Computers	3
23	B Com (commerce)	Introduction to Computers	119
24	M.Sc in Physics	Introduction to Computers	29
25	B.Sc. Mathematics	Introduction to Computers	1
26	M.Com. with Computer Applications	HTML	10
27	M.Com	C and Cpp	26
28	M.Com	Introduction to Computers	23
29	B.Sc. Mathematics (C.A)	LaTeX	58
30	B.Sc Physics (Honours)	LibreOffice Suite Writer	60
31	M.Com	FrontAccounting-2.4.7	9
32	B.Sc BioChemistry	Introduction to Computers	59
33	Faculty Development Programs (FDPs)(PMMMNMNTT)	C and Cpp	249
34	B.Sc Physics (Honours)	Introduction to Computers	60
35	English	Introduction to Computers	53
36	B.Sc BioChemistry	Biopython	59
37	BBA (CA)	Introduction to Computers	124
38	B.Com. with Computer Applications	FrontAccounting-2.4.7	125
39	B.Sc. Biotechnology	ASCEND	60
40	B.Com. with Computer Applications	Introduction to Computers	3
41	B.Com. with Computer Applications	Tux Typing	126
42	Faculty Development Programs (FDPs)(PMMMNMNTT)	Introduction to Computers	17
43	B.com Business Processes Services	Introduction to Computers	57
44	B.Com. with Computer Applications	Firefox	125
45	M.Com. with Computer Applications	FrontAccounting-2.4.7	10
46	B.Com Professional Accounting	Introduction to Computers	52
47	B.Com. (I.T.)	Introduction to Computers	59
48	M.Com. with Computer Applications	Firefox	10
49	B.Sc. Mathematics (C.A)	Introduction to Computers	58
50	B.Sc. Mathematics	Introduction to Computers	60





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Criterion II  
Metric 2.3.2

51	B.Sc. Mathematics	HTML	39
52	Bachelor of Science in Information Technology (BSc. IT)	Introduction to Computers	121
53	Bachelor of Science in Information Technology (BSc. IT)	HTML	121
54	B.SC. M.S.CS (Maths-Statistics-ComputerScience)	R	15
55	B.Com Professional Accounting	Introduction to Computers	95
56	B.COM. (I.B.)(International Business)	Introduction to Computers	51
57	B.Com Corporate Secretaryship and Computer Applications	HTML	119
58	B.Com Finance	FrontAccounting-2.4.7	49
59	B.Sc. Mathematics	LaTeX	61
60	M.Sc., Biotechnology	ASCEND	28
61	B.Com in Banking and Insurance (B.B.I)	Introduction to Computers	61
62	B.Com Corporate Secretaryship and Computer Applications	GIMP	118
63	Bachelor of Science in Information Technology (BSc. IT)	Java	2
64	B.Sc. Biotechnology	Introduction to Computers	63
65	B.Sc Food Science	Introduction to Computers	63
66	B.Sc. Mathematics (C.A)	Applications of GeoGebra	59
67	Faculty Development Programs (FDPs)(PMMMNMTT)	ASCEND	7
68	Bachelor of Science in Information Technology (BSc. IT)	Android app using Kotlin	121
69	M.Sc., Biotechnology	Introduction to Computers	28
70	M.Sc in Food & Nutrition	Introduction to Computers	30
71	B.Sc. Biotechnology	ASCEND	49
72	Bachelor of Science in Information Technology (BSc. IT)	Linux	121
73	Faculty Development Programs (FDPs)(PMMMNMTT)	Scilab	256
74	Faculty Development Programs (FDPs)(PMMMNMTT)	Xfig	8
75	B.SC. M.S.CS (Maths-Statistics-ComputerScience)	Introduction to Computers	15
76	Faculty Development Programs (FDPs)(PMMMNMTT)	PHP and MySQL	381
77	Faculty Development Programs (FDPs)(PMMMNMTT)	Moodle Learning Management System	250
78	Faculty Development Programs (FDPs)(PMMMNMTT)	R	209
79	B.Sc. Biotechnology	Tux Typing	51
80	Faculty Development Programs (FDPs)(PMMMNMTT)	Python 3.4.3	242
81	M.Sc., Biotechnology	Tux Typing	28
82	Faculty Development Programs (FDPs)(PMMMNMTT)	Arduino	381
83	Faculty Development Programs (FDPs)(PMMMNMTT)	Jmol Application	250
84	Faculty Development Programs (FDPs)(PMMMNMTT)	Biopython	209
85	B.Sc. Biotechnology	Tux Typing	44
86	Faculty Development Programs (FDPs)(PMMMNMTT)	LaTeX	242
87	Faculty Development Programs (FDPs)(PMMMNMTT)	FrontAccounting-2.4.7	256
88	B.Sc. Biotechnology	Tux Typing	60
89	B.Com in Banking and Insurance (B.B.I)	Moodle Learning Management System	47
90	B.Sc. Biotechnology	Xfig	44
91	B.SC. M.S.CS (Maths-Statistics-ComputerScience)	C and Cpp	15
92	B.Com. with Computer Applications	Firefox	84
93	Bachelor of Science in Information Technology (BSc. IT)	PHP and MySQL	113
94	M.Sc., Biotechnology	ExpEYES	28
95	B.Com Corporate Secretaryship and Computer Applications	HTML	117
96	Bachelor of Science in Information Technology (BSc. IT)	HTML	113
97	Bachelor of Science in Information Technology (BSc. IT)	Introduction to Computers	108
98	Faculty Development Programs (FDPs)(PMMMNMTT)	KTtouch	9
99	B.Com Corporate Secretaryship and Computer Applications	LibreOffice Suite Calc	119
100	Information Technology	Python 3.4.3	7





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101	Faculty Development Programs (FDPs)(PMMMNMTT)	Firefox	17
102	Bachelor of Science in Information Technology (BSc. IT)	RDBMS PostgreSQL	122
103	Faculty Development Programs (FDPs)(PMMMNMTT)	Firefox	15
104	Faculty Development Programs (FDPs)(PMMMNMTT)	PHP and MySQL	14
105	Bachelor of Science in Information Technology (BSc. IT)	Python 3.4.3	115
106	Information Technology	PHP and MySQL	7
107	B.Sc. Biotechnology	ExpEYES	60
108	Bachelor of Science in Information Technology (BSc. IT)	Java	119
109	BBA (CA)	Introduction to Computers	138
110	B.Com. with Computer Applications	Introduction to Computers	125
111	B.Com. with Computer Applications	Introduction to Computers	84
112	Bachelor of Business Administration (BBA)	Introduction to Computers	100
113	M.Com. with Computer Applications	Introduction to Computers	11
114	B.Com. with Computer Applications	Introduction to Computers	115
115	Faculty Development Programs (FDPs)(PMMMNMTT)	Java	13
116	Faculty Development Programs (FDPs)(PMMMNMTT)	LibreOffice Suite Base	17
117	M.Com. with Computer Applications	Introduction to Computers	18
118	Faculty Development Programs (FDPs)(PMMMNMTT)	Python 3.4.3	13
119	B.Com Corporate Secretaryship and Computer Applications	LibreOffice Suite Writer	118
120	Faculty Development Programs (FDPs)(PMMMNMTT)	Tux Typing	7
121	B.Sc. Biotechnology	GIMP	55
122	B.Com Finance	Introduction to Computers	52
123	B.Com. with Computer Applications	Tux Typing	83
124	B.Com Corporate Secretaryship and Computer Applications	LibreOffice Suite Base	107
125	M.Sc., Biotechnology	LibreOffice Writer on BOSS Linux	19
126	B.Com Professional Accounting	Linux	100
127	Bachelor of Computer Application (BCA)	Java	59
128	Bachelor of Computer Application (BCA)	Python 3.4.3	111
129	Computer Technology	C and Cpp	119
130	Bachelor of Science in Information Technology (BSc. IT)	BOSS Linux	114
131	B.Com. with Computer Applications	Tux Typing	120
132	Computer Technology	LibreOffice Suite Writer	94
133	Computer Technology	Advanced Cpp	121
134	M.Com. with Computer Applications	Tux Typing	17
135	Faculty Development Programs (FDPs)(PMMMNMTT)	Firefox	7
136	Bachelor of Science in Information Technology (BSc. IT)	Tux Typing	114
137	Bachelor of Science in Information Technology (BSc. IT)	Netbeans	114
138	B.Sc. Biotechnology	KTTouch	44
139	Faculty Development Programs (FDPs)(PMMMNMTT)	Tux Typing	13
140	B.Com. with Computer Applications	Tux Typing	118
141	M.Com. with Computer Applications	Tux Typing	9
142	B.Com Professional Accounting	Introduction to Computers	86
143	B.Com Finance	Introduction to Computers	9
144	B.com Business Processes Services	FrontAccounting 3.4.7	23
145	Bachelor of Computer Application (BCA)	Python	51
146	Computer Technology	LibreOffice Suite Writer	112
147	Computer Technology	C and Cpp	108
148	Computer Technology	Java	111
149	Bachelor of Computer Application (BCA)	Introduction to Computers	51
150	Computer Technology	Advanced Cpp	112





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Criterion II  
Metric 2.3.2

151	B.Sc. Mathematics (C.A)	Geogebra	54
152	Computer Technology	Linux	112
153	B.Sc. Mathematics (C.A)	Scilab	61
154	Computer Technology	Advance C	108
155	B.Sc. Mathematics (C.A)	LibreOffice Suite Base	61
156	Computer Technology	PHP and MySQL	11
157	Computer Technology	Introduction to Computers	108
158	B.Sc. Mathematics (C.A)	Geogebra	52
159	B.Com Professional Accounting	Tux Typing	96
160	B.Sc. Mathematics (C.A)	Tux Typing	54
161	B.Sc. Mathematics (C.A)	Introduction to Computers	61
162	B.Sc. Mathematics (C.A)	PHP and MySQL	54
163	Bachelor of Science in Information Technology (BSc. IT)	Introduction to Computers	1
164	Bachelor of Science in Information Technology (BSc. IT)	Java	1
165	B.Sc. Mathematics (C.A)	KTouch	52
166	B.com Business Processes Services	Introduction to Computers	23
167	Computer Science	Introduction to Computers	122
168	Bachelor of Computer Application (BCA)	LibreOffice Suite Writer	48
169	Computer Science	C and Cpp	122
170	B.Com Professional Accounting	KTouch	48
171	B.Com Professional Accounting	Firefox	109
172	B.Com. with Computer Applications	KTouch	108
173	B.Com Professional Accounting	Tux Typing	109
174	B.Sc in Physics	Java Business Application	50
175	BA English Literature	Introduction to Computers	51
176	B.Com Corporate Secretaryship and Computer Applications	Linux	46
177	B.Com Professional Accounting	Firefox	96
178	B.Com Corporate Secretaryship and Computer Applications	GChemPaint	46
179	B.Com Business Analytics	LibreOffice Suite Math	17
180	Bachelor of Computer Application (BCA)	Java	51
181	Bachelor of Computer Application (BCA)	PHP and MySQL	107
182	B.Com Professional Accounting	Introduction to Computers	109
183	Bachelor of Computer Application (BCA)	Java Business Application	108
184	B.Com Business Analytics	PHP and MySQL	14
185	B.Sc BioChemistry	CellDesigner	51
186	Bachelor of Computer Application (BCA)	GIMP	108
187	Computer Science	Netbeans	119
188	B.Com in Banking and Insurance (B.B.I)	BOSS Linux	47
189	BBA (CA)	BOSS Linux	93
190	Computer Science	Introduction to Computers	117
191	Computer Science and Technology	PHP and MySQL	112
192	Computer Science	Introduction to Computers	110
193	Computer Applications	Java	53
194	B.Sc. Mathematics	Geogebra	46
195	M.Sc in Computer Science and Technology	PHP and MySQL	28
196	B.Sc. Mathematics	Geogebra	59
197	B.Com (commerce)	Linux	100
198	Bachelor of Computer Application (BCA)	Drupal	108
199	B.Com (commerce)	Linux	93
200	B.Sc. Mathematics	Scilab	46





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3<sup>rd</sup> Cycle

Criterion II  
Metric 2.3.2

201	B Com (commerce)	Drupal	100
202	Bachelor of Computer Application (BCA)	Advance C	107
203	B Com (commerce)	Drupal	93
204	B.Com Professional Accounting	Introduction to Computers	48
205	M.Sc. Mathematics	LaTeX	39
206	B.Com. with Computer Applications	Drupal	96
207	Computer Science	Java	108
208	Bachelor of Computer Application (BCA)	Java Business Application	51
209	Bachelor of Computer Application (BCA)	C and Cpp	51
210	Computer Science	Python	115
211	B.Com. with Computer Applications	PHP and MySQL	96
212	B.Sc. Mathematics (C.A)	Python	54
213	B.Sc in Physics	Introduction to Computers	50
214	B.Com. (I.T.)	C and Cpp	48
215	Computer Science and Technology	Python	101
216	B.Sc. Mathematics (C.A)	Scilab	54
217	B.Com. (I.T.)	Java	48
218	Computer Science and Technology	Advance C	112
219	B.Sc. Mathematics (C.A)	Java	52
220	B.Com. (I.T.)	C and Cpp	55
221	B.Sc. Mathematics (C.A)	Scilab	52
222	Computer Technology	LibreOffice Suite Base	99
223	B.Sc. Mathematics (C.A)	Python	52
224	Computer Technology	PHP and MySQL	101
225	B.Sc. Mathematics (C.A)	LibreOffice Suite Impress	54
226	B.Sc. Mathematics (C.A)	LibreOffice Suite Writer	54
227	B.Sc. Mathematics (C.A)	LibreOffice Suite Writer	52
228	B.Sc Catering and Hotel Management	LibreOffice Suite Calc	32
229	B.Sc Catering and Hotel Management	LibreOffice Suite Base	32
230	B.Sc Catering and Hotel Management	LibreOffice Suite Base	34
231	B.Sc. Mathematics (C.A)	LibreOffice Suite Impress	52
232	BA English Literature	LibreOffice Suite Impress	60
233	M.Sc. Mathematics	LibreOffice Suite Calc	39
234	M.A. English	LibreOffice Suite Impress	30
235	Computer Science	LibreOffice Suite Base	92
236	B.Com Corporate Secretaryship and Computer Applications	LibreOffice Suite Calc	56
237	B.Com Corporate Secretaryship and Computer Applications	LibreOffice Suite Calc	46
238	M.A in English	LibreOffice Suite Calc	11
239	M.Sc. Mathematics	LibreOffice Suite Base	39
240	Computer Science	LibreOffice Suite Writer	92
241	M.Com Corporate Secretaryship and Computer Applications	LibreOffice Suite Calc	17
242	M.A in English	LibreOffice Suite Impress	11
243	Computer Science and Technology	LibreOffice Suite Writer	95
244	Computer Science	LibreOffice Suite Impress	92
245	M.Com Corporate Secretaryship and Computer Applications	LibreOffice Suite Base	17
246	M.A. English	LibreOffice Suite Writer	30
247	Computer Science	LibreOffice Suite Base	108
248	Computer Science	LibreOffice Writer on BOSS Linux	108
249	B.Com Corporate Secretaryship and Computer Applications	LibreOffice Suite Base	92
250	M.A. English	LibreOffice Suite Calc	30





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3<sup>rd</sup> Cycle

Criterion II  
Metric 2.3.2

251	Computer Science	LibreOffice Suite Impress	108
252	M.A in English	LibreOffice Suite Writer	11
253	B.Com (commerce)	LibreOffice Suite Calc	39
254	B.Com Corporate Secretaryship and Computer Applications	LibreOffice Suite Writer	56
255	B.Com Corporate Secretaryship and Computer Applications	LibreOffice Suite Base	46
256	M.Sc. Mathematics	LibreOffice Suite Base	20
257	B.Com Corporate Secretaryship and Computer Applications	LibreOffice Suite Writer	46
258	M.Sc. Mathematics	LibreOffice Suite Calc	20
259	B.Com Corporate Secretaryship and Computer Applications	LibreOffice Suite Base	56
260	M.Sc Biochemistry	LibreOffice Suite Writer	29
261	BA English Literature	LibreOffice Suite Calc	60
262	B.Com Corporate Secretaryship and Computer Applications	LibreOffice Suite Calc	92
263	B.Sc. Mathematics	LibreOffice Suite Calc	59
264	M.Com Corporate Secretaryship and Computer Applications	LibreOffice Suite Writer	17
265	B.Com Corporate Secretaryship and Computer Applications	LibreOffice Suite Writer	92
266	BA English Literature	LibreOffice Suite Impress	57
267	M.Sc. Mathematics	LibreOffice Suite Writer	39
268	B.Sc. Mathematics	LibreOffice Suite Writer	59
269	B.Sc. Mathematics (C.A)	LibreOffice Suite Calc	52
270	BBA (CA)	LibreOffice Suite Calc	85
271	BBA (CA)	LibreOffice Suite Writer	110
272	BBA (CA)	LibreOffice Suite Impress	85
273	BBA (CA)	LibreOffice Suite Calc	110
274	BBA (CA)	LibreOffice Suite Writer	109
275	BBA (CA)	LibreOffice Suite Impress	110
276	BBA (CA)	LibreOffice Suite Calc	109
277	BBA (CA)	LibreOffice Suite Writer	85
278	BBA (CA)	LibreOffice Suite Impress	109
279	BA English Literature	LibreOffice Suite Writer	60
280	Bachelor of Science in Information Technology (BSc. IT)	LibreOffice Suite Base	101
281	B.Com (commerce)	LibreOffice Suite Calc	116
282	Bachelor of Science in Information Technology (BSc. IT)	LibreOffice Suite Calc	101
283	Bachelor of Science in Information Technology (BSc. IT)	LibreOffice Suite Writer	115
284	B.Com Finance	LibreOffice Suite Impress	42
285	B.Sc. Mathematics (C.A)	LibreOffice Suite Writer	54
286	Bachelor of Science in Information Technology (BSc. IT)	LibreOffice Suite Base	1
287	Bachelor of Science in Information Technology (BSc. IT)	LibreOffice Suite Writer	125
288	M.Sc Biochemistry	LibreOffice Suite Draw	29
289	B.Com Finance	LibreOffice Suite Impress	9
290	Bachelor of Science in Information Technology (BSc. IT)	LibreOffice Suite Calc	1
291	BA English Literature	LibreOffice Suite Calc	57
292	Bachelor of Science in Information Technology (BSc. IT)	LibreOffice Suite Base	1
293	Bachelor of Science in Information Technology (BSc. IT)	LibreOffice Suite Calc	1
294	Bachelor of Science in Information Technology (BSc. IT)	LibreOffice Suite Writer	1
295	B.Sc Catering and Hotel Management	LibreOffice Suite Writer	34
296	Information Technology	LibreOffice Suite Impress	101
297	B.Sc. Mathematics (C.A)	LibreOffice Suite Impress	54
298	Biotechnology	LibreOffice Suite Writer	60
299	Biochemistry	LibreOffice Suite Base	57
300	B.Sc BioChemistry	LibreOffice Suite Base	51







# Dr. N.G.P. ARTS AND SCIENCE COLLEGE

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Criterion II  
Metric 2.3.2

301	Biochemistry	LibreOffice Suite Base	48
302	BA English Literature	LibreOffice Suite Writer	59
303	B.Sc. Mathematics (C.A)	LibreOffice Suite Calc	54
304	B.Sc BioChemistry	LibreOffice Suite Draw	51
305	M.Sc BioChemistry	LibreOffice Suite Base	13
306	B.Com. (I.T.)	Linux	48
307	B.Com (commerce)	LibreOffice Suite Writer	116
308	Biochemistry	LibreOffice Suite Draw	48
309	B.Com Business Analytics	LibreOffice Suite Calc	14
310	BA English Literature	LibreOffice Suite Writer	57
311	B.Com (commerce)	LibreOffice Suite Writer	117
312	B.Com. (I.T.)	LibreOffice Suite Impress	48
313	Biochemistry	LibreOffice Suite Draw	57
314	B.Sc. Mathematics (C.A)	LibreOffice Suite Calc	54
315	M.Sc BioChemistry	LibreOffice Suite Draw	13
316	Biochemistry	LibreOffice Suite Writer	48
317	M.Sc BioChemistry	LibreOffice Suite Base	29
318	B.Com. (I.T.)	PHP and MySQL	45
319	M.Sc BioChemistry	LibreOffice Suite Writer	13
320	Biochemistry	LibreOffice Suite Writer	57
321	B.Com. (I.T.)	Advance C	48
322	B.Com in Banking and Insurance (B.B.I)	LibreOffice Suite Calc	47
323	B.Sc BioChemistry	LibreOffice Suite Writer	51
324	B.com Business Processes Services	LibreOffice Suite Impress	23
325	B.Com Business Analytics	LibreOffice Suite Impress	14
326	B.Com Professional Accounting	LibreOffice Suite Impress	48
327	B.Com. (I.T.)	LibreOffice Suite Base	48
328	Commerce	LibreOffice Writer on BOSS Linux	105
329	B.Com in Banking and Insurance (B.B.I)	LibreOffice Suite Math	37
330	B.Com. (I.T.)	LibreOffice Suite Writer	48
331	B.Com in Banking and Insurance (B.B.I)	LibreOffice Suite Writer	47
332	B.Com in Banking and Insurance (B.B.I)	LibreOffice Suite Math	47
333	B.Com. (I.T.)	LibreOffice Suite Writer	48
334	B.Com Finance	LibreOffice Suite Writer	42
335	B.Com in Banking and Insurance (B.B.I)	LibreOffice Suite Writer	37
336	B.Com. with Computer Applications	LibreOffice Suite Draw	108
337	Information Technology	LibreOffice Suite Math	101
338	B.Com. with Computer Applications	LibreOffice Suite Writer	108
339	Commerce	LibreOffice Suite Writer	51
340	Computer Science	LibreOffice Suite Writer	108
341	Computer Science	LibreOffice Suite Math	108
342	Bachelor of Computer Application (BCA)	LibreOffice Suite Impress	98
343	B.Com. with Computer Applications	LibreOffice Suite Impress	96
344	B.Com Professional Accounting	LibreOffice Suite Writer	54
345	Information Technology	LibreOffice Suite Writer	101
346	Computer Science and Technology	LibreOffice Suite Draw	100
347	Computer Science and Technology	LibreOffice Suite Writer	111
348	Computer Science and Technology	LibreOffice Suite Calc	105
349	B.Com Professional Accounting	LibreOffice Suite Writer	48
350	Computer Applications	Python	52





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Criterion II  
Metric 2.3.2

351	Bachelor of Computer Application (BCA)	LibreOffice Suite Writer	98
352	Computer Science and Technology	LibreOffice Suite Draw	94
353	Computer Applications	Netbeans	52
354	B.com Business Processes Services	LibreOffice Suite Writer	23
355	Computer Science and Technology	Java	101
356	B.Com. (I.T.)	LibreOffice Suite Impress	48
357	B.Com Finance	BOSS Linux	42
358	B.com Business Processes Services	LibreOffice Suite Calc	23
359	Computer Science and Technology	LibreOffice Suite Base	93
360	Master of Business Management (MBM)	Linux	45
361	B.Com. with Computer Applications	LibreOffice Suite Writer	96
362	Computer Science and Technology	LibreOffice Suite Draw	111
363	B.Com Business Analytics	LibreOffice Suite Writer	14
364	Computer Science and Technology	LibreOffice Suite Calc	100
365	Computer Science	Java	115
366	B.Com in Banking and Insurance (B.B.I)	Linux	57
367	Computer Science	C and Cpp	115
368	B.Com. with Computer Applications	Linux	117
369	B.Com in Banking and Insurance (B.B.I)	LibreOffice Suite Calc	43
370	B.Com. (I.T.)	Introduction to Computers	59
371	B.Com in Banking and Insurance (B.B.I)	LibreOffice Writer on BOSS Linux	57
372	B.Com. with Computer Applications	LibreOffice Writer on BOSS Linux	118
373	B.Com. (I.T.)	Introduction to Computers	59
374	B.Com. with Computer Applications	Linux	118
375	Computer Science	C and Cpp	115
376	B.Com. (I.T.)	C and Cpp	58
377	Bachelor of Computer Application (BCA)	C and Cpp	110
378	B.Com. (I.T.)	C and Cpp	58
379	B.Com. (I.T.)	Introduction to Computers	58
380	B.Com. (I.T.)	Linux	58
381	Computer Science	C and Cpp	115
382	B.Com Finance	LibreOffice Suite Calc	48
383	Computer Applications	PHP and MySQL	60
384	B.Com Finance	Linux	48
385	Bachelor of Computer Application (BCA)	Advanced Cpp	58
386	B.Com in Banking and Insurance (B.B.I)	Linux	43
387	B.Com. with Computer Applications	Introduction to Computers	117
388	Computer Science	Java	115
389	Bachelor of Computer Application (BCA)	PHP and MySQL	58
390	Bachelor of Computer Application (BCA)	Java	110
391	Bachelor of Computer Application (BCA)	PHP and MySQL	58
392	B.Com Professional Accounting	Linux	58
393	B.Com Professional Accounting	LibreOffice Suite Base	58
394	B.Com Professional Accounting	LibreOffice Suite Base	58
395	Computer Science and Technology	PHP and MySQL	103
396	Bachelor of Computer Application (BCA)	Java	110
397	Computer Applications	Java	57
398	Computer Applications	PHP and MySQL	57
399	Computer Science and Technology	PHP and MySQL	103
400	Computer Applications	Geogebra	59







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Criterion II  
Metric 2.3.2

401	Bachelor of Computer Application (BCA)	Blender	105
402	B.Com Professional Accounting	LibreOffice Suite Calc	58
403	B.Com Professional Accounting	LibreOffice Writer on BOSS Linux	58
404	Information Technology	BOSS Linux	116
405	Computer Science	Geogebra	115
406	Master of Business Management (MBM)	LibreOffice Suite Writer	45
407	Others	LibreOffice Suite Impress	47
408	B.Com Professional Accounting	LibreOffice Suite Writer	58
409	Commerce	C and Cpp	106
410	Commerce	Introduction to Computers	165
411	Computer Science	LibreOffice Suite Calc	115
412	B.Com Professional Accounting	Linux	58
413	B.Com Professional Accounting	LibreOffice Suite Draw	58
414	Commerce	Java	113
415	Computer Applications	Java Business Application	60
416	Commerce	Linux	165
417	Computer Science and Technology	Linux	103
418	Master of Business Management (MBM)	Introduction to Computers	45
419	Computer Science	Linux	115
420	Others	BOSS Linux	47
421	Bachelor of Computer Application (BCA)	PHP and MySQL	105
422	Commerce	BOSS Linux	54
423	Information Technology	Java	116
424	Information Technology	Java	116
425	Commerce	Introduction to Computers	113
426	Bachelor of Computer Application (BCA)	Linux	105
427	Commerce	LibreOffice Suite Writer	165
428	Others	Geogebra	47
429	Computer Science and Technology	Advanced Cpp	102
430	Computer Applications	Java	60
431	Computer Science and Technology	Java	56
432	Bachelor of Computer Application (BCA)	Java	103
433	Bachelor of Computer Application (BCA)	C and Cpp	47
434	Bachelor of Computer Application (BCA)	C and Cpp	57
435	Commerce	C and Cpp	54
436	Bachelor of Computer Application (BCA)	LibreOffice Suite Writer	105
437	Commerce	Linux	54
438	Commerce	PHP and MySQL	106
439	Information Technology	Advanced Cpp	101
440	Computer Applications	C and Cpp	60





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Criterion II  
Metric 2.3.2

441	Information Technology	C and Cpp	116
442	Computer Applications	C and Cpp	60
443	Computer Applications	BOSS Linux	60
444	Computer Applications	C and Cpp	44
445	Information Technology	Advance C	105
446	Information Technology	C and Cpp	101
447	Computer Science and Technology	C and Cpp	53
448	Computer Science and Technology	C and Cpp	7

*For and On behalf of*  
**Spoken Tutorials,**  
**Indian Institute of Technology Bombay**

*Shyama Iyer.*



**Mrs. Shyama Iyer**  
**National Coordinator**  
**Spoken Tutorial Project, IIT Bombay**



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### Sample Certificates





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Criterion II  
Metric 2.3.2



Spoken Tutorial

### Certificate of Learning



Talk To A Teacher

This is to certify that **SARANYA R** participated in the **Java Business Application** training organized at **Dr. N. G. P. Arts and Science College** by **Rajeshkanna Rajendran** on **January 25th 2016** with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Java Business Application** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt. of India.

January 25th 2016

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial

### Certificate of Learning



Talk To A Teacher

This is to certify that **ARAVINTH.S C.SELVARAJ** participated in the **LibreOffice Suite Writer** training organized at **Dr. N. G. P. Arts and Science College** by **Rajeshkanna Rajendran** on **January 4th 2016** with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **LibreOffice Suite Writer** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt. of India.

January 4th 2016

Prof. Kannan M Moudgalya  
IIT Bombay



## 6. MOOCs Courses Completed by Student and Faculty(Udemy, Alision,etc..)

Massive Open Online Courses (MOOCs) are free online courses available for anyone to enroll. MOOCs provide an affordable and flexible way to learn new skills, advance your career and deliver quality educational experiences at scale.

Millions of people around the world use MOOCs to learn for a variety of reasons, including: career development, changing careers, college preparations, supplemental learning, lifelong learning, corporate eLearning & training, and more.

The following table shows the MOOC courses completed by both students and Faculty from 2016-21:

S. No.	Academic Year	No. of Certificates
1	2016-17	2659
2	2017-18	2308
3	2018-19	2260
4	2019-20	5296
5	2020-21	4978

The following MOOC Course Platforms are used by Students and Faculty Members:

- Coursera
- Udemy
- Alision
- Khan Academy
- EDX
- Open 2 Study
- Future Learn
- Udacity
- The Open University
- Big Data University





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### Sample MOOC Certificates







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Criterion II  
Metric 2.3.2



#### Learner Details



Name: Nithya Ramachandran  
E-mail: [nithya2012.2016@gmail.com](mailto:nithya2012.2016@gmail.com)  
Country: India

Total Study Time:  
**13:23:31**

#### Certified Courses



Score  
94%

Completed On  
2020-04-03

#### Introduction to R

This free online course Introduction to R will provide you with an understanding of the basics of the R coding language. R is an integrated suite of software facilities for data manipulation. This course will be of great interest to those who work in statistics and data mining. You will learn about what the R coding language is. You will be able to explain variables, including basic types of variables, data, and missing values. Next, the course introduces you to RStudio and workspaces.

*Dr. Sini Corbett*  
Director of Certification



## CERTIFICATE OF COMPLETION

04 April, 2020

**Nithya Ramachandran**

Has successfully completed **Introducing Coding for Beginners: an HTML and CSS Online Course**

BitDegree Foundation VSI ©

INSTRUCTOR

ID-2292981





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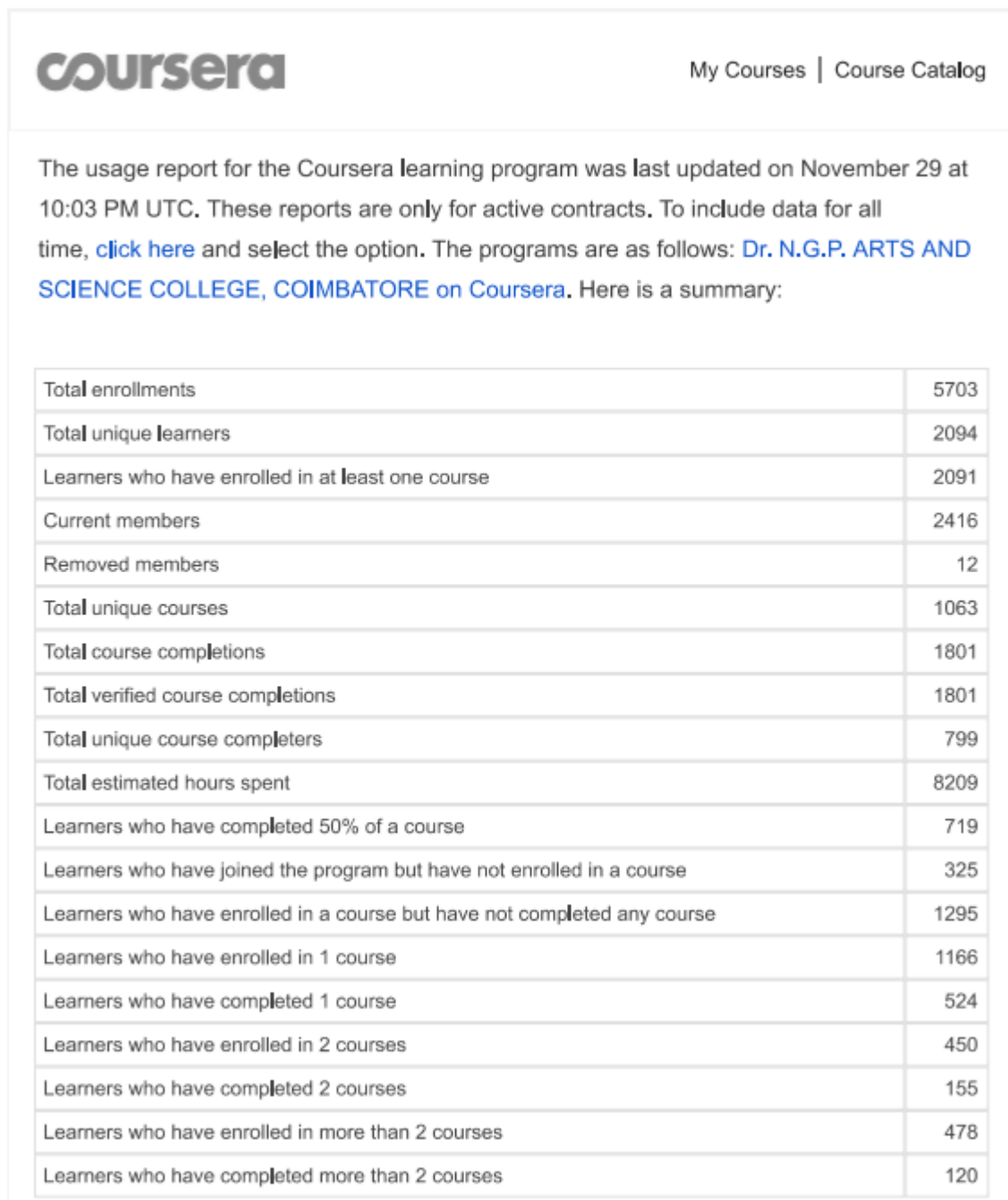
NAAC  
3<sup>rd</sup> Cycle

Criterion II  
Metric 2.3.2

### 7. Coursera

Coursera Inc. is a U.S.-based massive open online course provider founded in 2012 by Stanford University computer science professors Andrew Ng and Daphne Koller. Coursera works with universities and other organizations to offer online courses, certifications, and degrees in a variety of subjects.

The following figure shows the Students and Faculty completion of Coursera Courses:





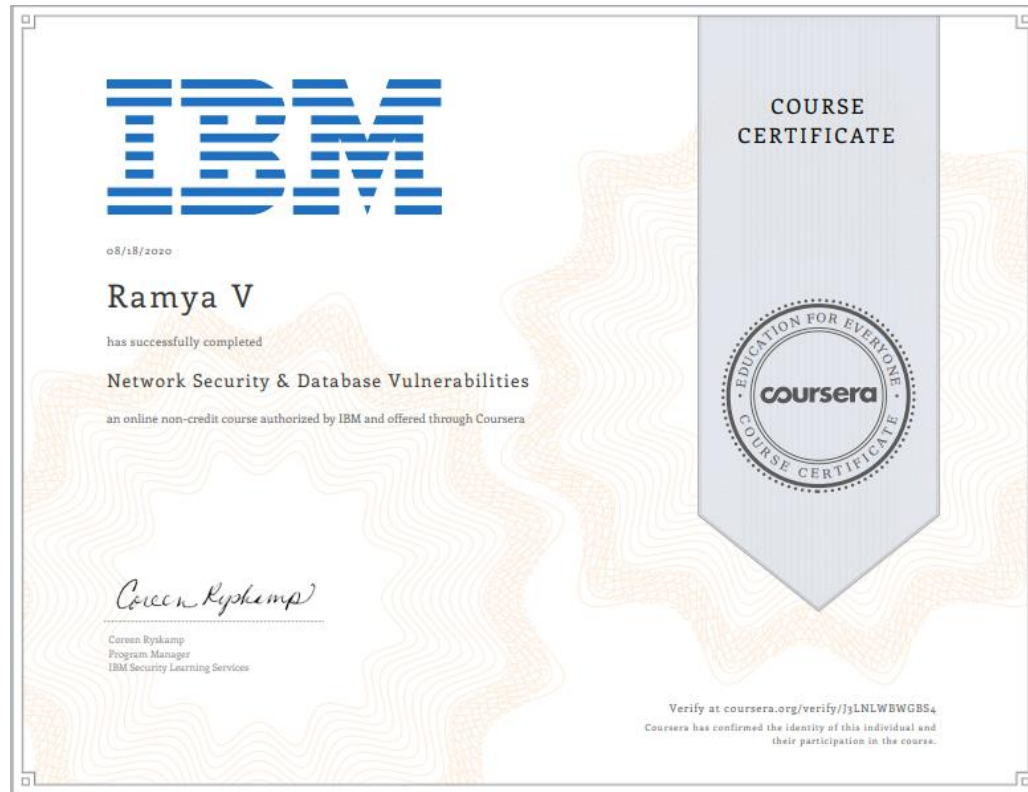
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Metric 2.3.2

## Sample Certificates







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		<b>Criterion II</b> <b>Metric 2.3.2</b>

## 8. VALUE VIRTUAL LAB

**Virtual Lab experiments used at Dr.N.G.P. ARTS AND SCIENCE COLLEGE**

S. No.	Name of the Experiment from <a href="http://vlab.amrita.edu">vlab.amrita.edu</a>	Course & Branch	Year	No. of Students	No. of hours using Virtual lab per week
1.	Microbiology Virtual Lab I & II	B.Sc / M.Sc Biotech/Micro	I,II and III	503	4 hours per week
2	Organic and inorganic chemistry virtual lab	B.Sc / M.Sc Phy / Chem/Bio-Chem / Micro	I,II and III	1026	4 hours per week
3	Molecular Biology Virtual Lab I & II	B.Sc / M.Sc Biotech/Micro	I,II and III	503	4 hours per week
4	Cell biology Virtual Lab I and II	B.Sc / M.Sc Biotech/Micro	I,II and III	503	4 hours per week
5	Bioinformatics Virtual Lab I , II and III	B.Sc Phy/Chem/Bio-Chem / Micro	I,II and III	1026	4 hours per week
6	Cell biology Virtual Lab I and II	B.Sc / M.Sc Biotech/Micro	I,II and III	503	4 hours per week
7	Biochemistry Virtual Lab I and II	Bio Chemistry	I,II and III	340	4 hours per week
8	Wireless sensor networks transmission aggregation	BSc CS,IT,CT/ M.Sc CS and BCA	I,II and III	1430	4 hours per week
9	Web Application Security Lab	BSc CS,IT,CT/ M.Sc CS and BCA	I,II and III	1430	4 hours per week
10	Neurophysiology	B.Sc / M.Sc Biotech/Micro	I,II and III	266	4 hours per week

**Total no of students using virtual labs = 2865 STUDENTS**

**Name of the Nodal Coordinators**

**1. Mr.R.Rajeshkanna**

**2. Dr.Radha Palaniswami**





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Metric 2.3.2

## Value Virtual Lab Submission of Proposal

### VIRTUAL LABS NODAL CENTRE PROGRAMME AMRITA VISHWA VIDYAPEETHAM An initiative of NME-ICT, MHRD

#### FORM FOR EXPRESSION OF INTEREST

1. Name of Institution: **Dr.N.G.P. Arts and Science College (Autonomous)**
2. Address : **Dr.N.G.P. Nagar, Kalapatty, Coimbatore**
3. Affiliated to **Bharathiar University**
4. AICTE/UGC approval : **UGC Approved**
5. Branch of Science or Engineering/Student Population

a).BSc Chemistry/MSc Chemistry	<b>340</b>
b).BSc Physics/MSc Physics	<b>183</b>
c).B.Sc /M.Sc Bio Tech	<b>237</b>
d).B.Sc CS/CT/IT/BCA	<b>1430</b>
e). B.Sc /M.Sc Micro Biology	<b>266</b>
6. Name of the Proposed Nodal Coordinator **Mr.R.Rajeshkanna**  
Department **Computer Applications**  
Area of Interest **Wireless Communications, Data Analytics**  
Address **Dr.NGP Arts and Science College, Dr.N.G.P. Nagar, Kalapatty, Coimbatore**  
Contact Details **Mobile: 7402395860 email:rrajeshkannacbe@gmail.com**
7. Name of the Second Nodal Coordinator **Dr.Radha Palaniswamy**  
Department **Biotechnology**  
Area of Interest **Cancer Biology**  
Address **Dr.NGP Arts and Science College, Dr.N.G.P. Nagar, Kalapatty, Coimbatore**  
Contact Details : **Mobile: 8870940517 Email: radhapalaniswamy@drngpasc.ac.in**
8. Name of the Director/Principal **Dr.P.R.Muthuswamy**
9. Certified that:
  1. The institute is recognized by AICTE/UGC.
  2. We have the necessary infrastructure (dedicated time on 5-10 personal computers with A broadband internet connection) for implementation of Virtual Labs.
  3. Students will not be charged an extra fee to use the Virtual Lab facility.
  4. Strict adherence to standard laid down laboratory procedures will be followed.
  5. A Technical Evaluation team may visit our institution on or after **12.07.2017** (date) for feasibility studies.

16.07.2017  
Date



Signature of the Head of the Institution

Principal  
Dr. N.G.P. Arts and Science College  
Dr. N.G.P. - Kalapatti Road  
Coimbatore - 641 048  
Tamilnadu, India





## Dr. N.G.P. ARTS AND SCIENCE COLLEGE

(An Autonomous Institution, Affiliated to Bharathiar University, Coimbatore)  
Approved by Government of Tamil Nadu and Accredited by NAAC with 'A' Grade (2<sup>nd</sup> Cycle)  
Dr. N.G.P. – Kalapatti Road, Coimbatore-641048, Tamil Nadu, India  
Web: [www.dnrgpasc.ac.in](http://www.dnrgpasc.ac.in) | Email: [info@dnrgpasc.ac.in](mailto:info@dnrgpasc.ac.in) | Phone: +91-422-2369100

NAAC  
3<sup>rd</sup> Cycle

Criterion II  
Metric 2.3.2

### VALUE Nodal Centre program

5 messages

VALUE Virtual Labs <[valuevirtuallabs@gmail.com](mailto:valuevirtuallabs@gmail.com)>

Fri, Jul 21, 2017 at 2:23 PM

To: Rajeshkanna Rajendran <[rrojeshkannacbe@gmail.com](mailto:rrojeshkannacbe@gmail.com)>, [radhapalaniswamy@dnrgpasc.ac.in](mailto:radhapalaniswamy@dnrgpasc.ac.in)

Dear Sir/Madam,

Greetings from **VALUE Virtual Labs!**

Thanks for your interest. We have received the hard copy of expression of interest (EOI) and MHRD supporting document.

Your request for the nodal center program has been reviewed and your Institute, Dr. N. G. P. Arts and Science College, Coimbatore, has been selected for the VALUE Nodal Centre Program. You can submit the list of students/faculty member in the prescribed format ([click here](#)) for getting unique login ids for assessing virtual labs. Institute name will be displayed on the Amrita Virtual Lab website as soon as start using it.

Click [here](#) to know about the nodal center program.

Feel free to contact us for any queries related to virtual labs.

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Thanks & Regards,  
VALUE Team

**Virtual Amrita Laboratories Universalizing Education**  
Amrita Vishwa Vidyapeetham University  
<http://vlab.amrita.edu/>  
0476-280-4528, 09446007135

~*broadening perspectives*~



	<b>Dr. N.G.P. ARTS AND SCIENCE COLLEGE</b> (An Autonomous Institution, Affiliated to Bharathiar University, Coimbatore) Approved by Government of Tamil Nadu and Accredited by NAAC with 'A' Grade (2 <sup>nd</sup> Cycle) Dr. N.G.P. – Kalapatti Road, Coimbatore-641048, Tamil Nadu, India Web: www.drngpsc.ac.in   Email: info@drngpsc.ac.in   Phone: +91-422-2369100	<b>NAAC</b> <b>3<sup>rd</sup> Cycle</b>
		<b>Criterion II</b> <b>Metric 2.3.2</b>

## 9.e-Learning Time Table

### Dr.N.G.P.Arts and Science College (Autonomous), Coimbatore - 641048 Center for E-Learning Time Table

#### Lab No: XIII

Day \ Hour	1	2	3	4	5	6
I	III BSC IT 'B'		III BSC CT 'B'		III BSC MATHS	
II	III BCA 'A'		III BSC CT 'A'		III BSC MATHS CA	
III	III BSC MB		III BSC BT		III BSC CDF	
IV	III BSC CS 'B'		III BSC F&N		III BSC CLT	
V	III BSC BC		III BA ENG		III BCA 'B'	
VI	III BSC PHY		III BSC IT 'A'		III BSC CS 'A'	

#### Lab No: IX

Day \ Hour	1	2	3	4	5	6
I	III BCOM B&I		III BCOM CS CA 'B'		II MSC MB	
II	II MSC MP		II MSC BT		III BCOM CS CA 'A'	
III			II MSC MATHS		II MSC N&D	
IV	II MSC MHM		II MSC CS & II MCOM CS		III BCOM CA 'A'	
V	III BCOM FIN		III BCOM CA 'B'			
VI			III BSC C&HM		II MSC BC	

#### Lab No: Cisco lab

Day \ Hour	1	2	3	4	5	6
I	II BSC CLT		II BCOM B&I		II BSC BC	
II	II BSC PHY		II BCOM FINANCE		II BSC MATHS CA	
III	II BSC CS B		II MA ENGLISH		II BCA B	
IV	II BSC IT A		II BSC CT B		II BCOM BA & BPS	
V	II BCOM CSCA 'A'		II B.COM CA 'A'		II B.COM CA 'B'	
VI	II BCOM CSCA 'B'		II BSC MATHS		II BA ENGLISH	





	<p align="center"><b>Dr. N.G.P. ARTS AND SCIENCE COLLEGE</b>          (An Autonomous Institution, Affiliated to Bharathiar University, Coimbatore)          Approved by Government of Tamil Nadu and Accredited by NAAC with 'A' Grade (2<sup>nd</sup> Cycle)          Dr. N.G.P. – Kalapatti Road, Coimbatore-641048, Tamil Nadu, India          Web: <a href="http://www.drnpgasc.ac.in">www.drnpgasc.ac.in</a>   Email: <a href="mailto:info@drnpgasc.ac.in">info@drnpgasc.ac.in</a>   Phone: +91-422-2369100</p>	<p align="center"><b>NAAC 3<sup>rd</sup> Cycle</b></p>
		<p align="center"><b>Criterion II Metric 2.3.2</b></p>

## OUTCOME

- Promotes the self-learning spirit and provides access to insightful lectures of distinguished faculty from IITs/IISc
- Adds value to resumes and professional upliftment
- Promotes self-learning among the faculty members
- Students able to avail internship opportunity in companies and research centers which recognize the NPTEL courses
- Enables the access to high quality lectures and study materials form eminent institutes across the country

S. No.	SWAYAM-NPTEL	SPOKEN TUTORIAL	MOOC COURSES
<b>2020-21</b>	1120	5116	4978
<b>2019-20</b>	546	4614	5296
<b>2018-19</b>	1442	6704	2260
<b>2017-18</b>	617	5485	2308
<b>2016-17</b>	58	11133	2659
<b>Total</b>	<b>3783</b>	<b>33052</b>	<b>17501</b>