




DHARAMPETH M. P. DEO MEMORIAL SCIENCE COLLEGE, NAGPUR

1.2.2 Number of Add on /Certificate programs offered during the year

CERTIFICATE COURSES APPROVALS


RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY
Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1st of August, 1923 & presently a State University governed by Maharashtra Public Universities Act, 2010 (Mah. Act No. VI of 2010)
DEPARTMENT OF LIFELONG LEARNING AND EXTENSION
Gurunanak Bhavan, University Campus, Amravati Road, Nagpur - 440 033. Phone : 2530860
E-mail : doll_rtmnu@gmail.com

To,
The Principal
Dharmapeth M.P. Deo Memorial Science College,
Nagpur.

No.DOLLE/ 323 /22
Dated :23.02. 2022

Subject : Sanction for Conducting Short Term Online Courses under Jeevan Shikshan Abhiyan on No Grant Basis.

Sir/Madam,

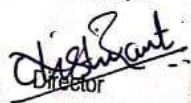
With reference to your proposal for conducting Short Term courses indicated below under Jeevan Shikshan Abhiyan of this Department, this is to inform you that your proposal has been accepted and your College has been granted permission to conduct the online course on the following conditions:

Details of the Course

Sr. No.	Name of the Course	Name of Course Coordinator	Duration	Credit	No. of Candidates to be admitted	Fees to be Charged per Student	Fees to be Deposited With the Deptt.
1	Certificate Course in Communication Skills and Personality Development	Dr. Shraddha Deshpande	43 hrs. T-28 hrs. P-15 hrs.	2	70	1500/-	10%
2	Certificate Course in Fresh Water Fish Culture	Dr. Kishor Waghmare	37 hrs. T-24 hrs. P-13 hrs.	2	70	1500/-	10%

Rules & Regulations of this Department regarding these courses should be strictly followed.

- Owing to Covid-19 situations all the norms of Central & State Government and instructions by R.T.M. Nagpur University, Nagpur should be strictly followed.
- This sanction is valid for this particular Batch only.**
- Fees for the course should be charged as per the norms prescribed.
- Expenditure on the course should be incurred as per norms.
- Course should be started within a Month from **the date of sanction.**
- Please communicate your acceptance within **a month and submit the Initial Report**
Submit the List of Students admitted in the excel format attached herewith.
Also send a soft copy in CD/Pen drive.

Your's faithfully,

Director



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY
Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1st of August, 1923 &
presently a State University governed by Maharashtra Public Universities Act, 2016 (Mah. Act No. VI of 2017)

DEPARTMENT OF LIFELONG LEARNING AND EXTENSION
Gurunanak Bhavan, University Campus, Amravati Road, Nagpur - 440 033. Phone : 2530860
E-mail : doll_rtmnu@gmail.com

To,
The Principal
Dharmapeth M.P. Deo Memorial Science College,
Nagpur.

No.DOLLE/ 299 /22
Dated :17.02. 2022

**Subject : Sanction for Conducting Short Term Online Courses under
Jeevan Shikshan Abhiyan on No Grant Basis.**

Sir/Madam,

With reference to your proposal for conducting Short Term courses indicated below under Jeevan Shikshan Abhiyan of this Department, this is to inform you that your proposal has been accepted and your College has been granted permission to conduct the online course on the following conditions:

Details of the Course

Sr. No.	Name of the Course	Name of Course Coordinator	Duration	Credit	No. of Candidates to be admitted	Fees to be Charged per Student	Fees to be Deposited With the Deptt.
1	1. Certificate Course in Vermicomposting & Vermiculturing	Dr. K.M. Paturkar	43 hrs.	2 (two)	70	1500/-	10%
2	2.Certificate Course in Skill development for Competitive Exams	Dr. Shraddha Deshpande	43 hrs.	3	70	1500/-	10%

Rules & Regulations of this Department regarding these courses should be strictly followed.

1. Owing to Covid-19 situations all the norms of Central & State Government and instructions by R.T.M. Nagpur University, Nagpur should be strictly followed.
2. **This sanction is valid for this particular Batch only.**
3. Fees for the course should be charged as per the norms prescribed.
4. Expenditure on the course should be incurred as per norms.
5. Course should be started within a Month from **the date of sanction.**
Please communicate your acceptance within a **month and submit the Initial Report**
6. **Submit the List of Students admitted in the excel format attached herewith.**
Also send a soft copy in CD/Pen drive.

Your's faithfully,


Director



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY
Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1st of August, 1923 & presently a State University governed by Maharashtra Public Universities Act, 2016 (Mah. Act No. VI of 2017)

DEPARTMENT OF LIFELONG LEARNING AND EXTENSION
Gurunaniak Bhavan, University Campus, Amravati Road, Nagpur - 440 033. Phone : 2530860
E-mail : doll_rtmnu@gmail.com

To,
The Principal
Dharampeth M. P. Deo Memorial
Science College, Nagpur

No.DOLLE/06/22
Dated : 01.04.2022

Subject : Sanction for Conducting Short Term Courses under Jeevan Shikshan Abhiyan on No Grant Basis.

Sir/Madam,

With reference to your proposal for conducting Short Term courses indicated below under Jeevan Shikshan Abhiyan of this Department, this is to inform you that your proposal has been accepted and your College has been granted permission to conduct the course on the following conditions:

Details of the Course

Sr. No.	Name of the Course	Name of Course Coordinator	Duration	Credit	No.of Candidates to be admitted	Fees to be Charged per Student	Fees to be Deposited With the Deptt.
1	Certificate Course in Developing Computational Skills Using Software Packages & online Google Tools.	Dr. Snehal A. Narale	67 hrs. T-37 hrs P-30 hrs	3	70	1500/-	10%

Rules & Regulations of this Department regarding these courses should be strictly followed.

1. Owing to Covid-19 situations all the norms of Central & State Government and instructions by R.T.M. Nagpur University, Nagpur should be strictly followed.
2. **This sanction is valid for this particular Batch only.**
3. Fees for the course should be charged as per the norms prescribed.
4. Expenditure on the course should be incurred as per norms.
5. Course should be started within a Month from **the date of sanction.**
Please communicate your acceptance within **a month and submit the Initial Report**
6. **Submit the List of Students admitted in the excel format attached herewith.**
Also send a soft copy in CD/Pen drive.

Your's faithfully,


Director



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY
Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1st of August, 1923 & presently a State University governed by Maharashtra Public Universities Act, 2016 (Mah. Act No. VI of 2017)

DEPARTMENT OF LIFELONG LEARNING AND EXTENSION

Gurunaniak Bhavan, University Campus, Amravati Road, Nagpur - 440 033. Phone : 2530860
E-mail : doll_rtmnu@gmail.com

To,
The Principal
Dharampeth M. P. Deo Memorial
Science College, Nagpur

No.DOLLE/69/22
Dated : 29.04.2022

**Subject : Sanction for Conducting Short Term Courses under Jeevan Shikshan
Abhiyan on No Grant Basis.**

Sir/Madam,

With reference to your proposal for conducting Short Term courses indicated below under Jeevan Shikshan Abhiyan of this Department, this is to inform you that your proposal has been accepted and your College has been granted permission to conduct the course on the following conditions:

Details of the Course

Sr. No.	Name of the Course	Name of Course Coordinator	Duration	Credit	No. of Candidates to be admitted	Fees to be Charged per Student	Fees to be Deposited With the Deptt.
1	Certificate Course in Pattern Making and Emblishment.	Dr. Manju Deshpande	43 hrs.	2	60	1500/-	10%

Rules & Regulations of this Department regarding these courses should be strictly followed.

1. Owing to Covid-19 situations all the norms of Central & State Government and instructions by R.T.M. Nagpur University, Nagpur should be strictly followed.
2. **This sanction is valid for this particular Batch only.**
3. Fees for the course should be charged as per the norms prescribed.
4. Expenditure on the course should be incurred as per norms.
5. Course should be started within a Month from **the date of sanction.**
Please communicate your acceptance within **a month and submit the Initial Report**
6. **Submit the List of Students admitted in the excel format attached herewith.**
Also send a soft copy in CD/Pen drive.

Your's faithfully,


Director



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY
Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1st of August, 1923 &
presently a State University governed by Maharashtra Public Universities Act, 2016 (Mah. Act No. VI of 2017)

DEPARTMENT OF LIFELONG LEARNING AND EXTENSION

Gururaniak Bhavan, University Campus, Amravati Road, Nagpur - 440 033. Phone : 2530860
E-mail : doll_rtmnu@gmail.com

To,
The Principal
Dharampeth M. P. Deo
Memorial Science College, Nagpur

No.DOLLE/ 377 /22
Dated : 19.03.2022

**Subject : Sanction for Conducting Short Term Courses under Jeevan Shikshan
Abhiyan on No Grant Basis.**

Sir/Madam,

With reference to your proposal for conducting Short Term courses indicated below under Jeevan Shikshan Abhiyan of this Department, this is to inform you that your proposal has been accepted and your College has been granted permission to conduct the course on the following conditions:

Details of the Course

Sr. No.	Name of the Course	Name of Course Coordinator	Duration	Credit	No. of Candidates to be admitted	Fees to be Charged per Student	Fees to be Deposited With the Deptt.
1	Certificate Course in Vedic Mathematics for Competative Exam.	Dr. N. P. Gaikwad	43 hrs. T-25 hrs. P-18 hrs.	2	70	1500/-	10%
2	Certificate Course in Latex.	Dr. N. P. Gaikwad	43 hrs. T-20 hrs. P-23 hrs.	2	45	5000/-	10%
3	Certificate Course in Excel for Banking & Accounts.	Mrs. Ruma R. Kapre	60 hrs. T-30 hrs. P-30 hrs.	3	70	1500/-	10%
4	Certificate Course in "IOT Devices".	Dr. Mrs. V. V. Rangari	43 hrs. T-30 hrs. P-12 hrs.	2	70	1500/-	10%

Rules & Regulations of this Department regarding these courses should be strictly followed.

1. Owing to Covid-19 situations all the norms of Central & State Government and instructions by R.T.M. Nagpur University, Nagpur should be strictly followed.
2. **This sanction is valid for this particular Batch only.**
3. Fees for the course should be charged as per the norms prescribed.
4. Expenditure on the course should be incurred as per norms.
5. Course should be started within a Month from **the date of sanction.**
Please communicate your acceptance within **a month and submit the Initial Report**
6. **Submit the List of Students admitted in the excel format attached herewith.**
Also send a soft copy in CD/Pen drive.

Your's faithfully,
Chishankant



भारतीय प्रौद्योगिकी संस्थान मुंबई
प्लॉट, मुंबई-400 076, भारत
Indian Institute of Technology Bombay
Powai, Mumbai 400 076, India

दूरभाष/Phone : (+ 91-22) 2572 2545
फैक्स/Fax : (+ 91-22) 2572 3480
वेबसाइट/Website : www.iitb.ac.in

IIT Bombay

Letter of Appreciation

To,
Dr. Snehal Narale
Dharampeth M.P.Deo Memorial Science College
Nagpur

Date: 28/12/2021

This is to express thanks and appreciation to **Dr. Snehal Narale**, for spreading awareness and holding Software Training workshops at **Dharampeth M.P.Deo Memorial Science College, Nagpur**.

You are making an outstanding contribution of using ICT based teaching and learning methodology for students of Pune from last one year. Your contributions to the implementation of Spoken Tutorial Project are significant and have played a part in it becoming fastest growing NMEICT Project. Your excellent skills and courteous personality has helped tremendously in spreading awareness of Spoken Tutorial IIT Bombay.

I would like to personally thank you for contributing to the software training and awareness events in your Institute.

This work was done in association with the Spoken Tutorial IIT Bombay. As part of the National Mission on Education through ICT, funded by MHRD, Govt. Of India.

I am sure that we will continue to get your continued support for making India IT literate and spreading project existence in state of Maharashtra.

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

Akanksha Saini



Mrs. Akanksha Saini
National Coordinator
Spoken Tutorial Project, IIT Bombay



DHARAMPETH EDUCATION SOCIETY'S
DHARAMPETH M. P. DEO MEMORIAL SCIENCE COLLEGE, NAGPUR

Session 2021-22

Name of the Course: **UGC's Certificate Course in Bioinformatics**

Name of the coordinator: Dr.Mrs.Archana Kulkarni

Name of the Faculty: Dr. Mrs.Snehal Narale , Dr.Richa Bafna

Students Enrolled: 82

Students Passed: 71

Objective of the course:

- a. This certificate course is targeted towards imparting theoretical as well as practical knowledge and required skills of Bioinformatics to its participants.
- b. It provides basic knowledge of fundamentals of computing & networking and various operating systems like WINDOW, LINUX and UNIX.
- c. To provide insights to programming languages like BioPerl and BioJava in developing Bioinformatics tools.
- d. To introduce the students to Markup languages like HTML and XML.

Outcome of the course:

- a. Students will develop their skills regarding softwares used in Bioinformatics, different computational methods in biostatistics, biological databases for proteins and nucleic acids and its sequence analysis, prediction of protein structure, genome annotation, comparative genomics, health and drug discovery and microarray profiling.
- b. Students gain knowledge about Markup languages to develop basic web page.
- c. Students learn about basics of programming languages like C, CPP, JAVA, Bioperl etc which would help them to develop different tools in bioinformatics.

Prof. P.T Humane
IQAC Coordinator

CO ORDINATOR
INTERNAL QUALITY ASSURANCE CELL
DHARAMPETH, M. P. DEO MEMORIAL &
SCIENCE COLLEGE, NAGPUR

Dr.Mrs.Archana Kulkarni
Name and Signature of Course Coordinator

Dr. Akhilesh Peshwe
Principal

Principal
Dharampeth M.P.Deo Memorial
Science College, Nagpur



DHARAMPETH EDUCATION SOCIETY'S

DHARAMPETH M. P. DEO MEMORIAL SCIENCE COLLEGE, NAGPUR

Session 2021-22

Name of the Course: **UGC's Diploma in Bioinformatics**

Name of the coordinator: Dr.Mrs.Archana Kulkarni

Name of the Faculty: Dr. Mrs.Snehal Narale , Dr.Gouri Vishwanath

Students Enrolled: 43

Students Passed: 35

Objective of the course:

- This certificate course is targeted towards imparting theoretical as well as practical knowledge and required skills of Diploma in Bioinformatics to its participants.
- It provides basic knowledge of Sequence analysis, prediction methods of proteins. Functional Genomics and its applications.
- To provide insights to Derived Databases with its Sequence and Structure.
- To introduce the students to Various Data Models which are used for Data Storage.

Outcome of the course:

- After completion of this course many career opportunities are available for the students as Scientific Curator, Gene Analyst, Protein Analyst, Phylogeneticist, Molecular Modeller, Database Programmer and Structural Analyst.
- Students will understand the concept related to data, Meta data, Algorithms used for Analysis of the Data and representation of data using different data models.
- Students learn about basics of Sequence Analysis, Phylogeny, Protein Structure Prediction, Genome Mapping ,Data bases used for mapping and its applications in bioinformatics.

Prof. P.T Humane
IQAC Coordinator

Dr.Mrs.Archana Kulkarni
Name and Signature of Course Coordinator

Dr.Akhilesh Peshwe
Principal

CO ORDINATOR
INTERNAL QUALITY ASSURANCE CELL
DHARAMPETH, M. P. DEO MEMORIAL &
SCIENCE COLLEGE, NAGPUR

Principal
Dharampeth M.P. Deo Memorial
Science College, Nagpur



**SUMMARY
CERTIFICATE COURSE IN LATEX**

SESSION: 2021-22

Name of the Department	:	Mathematics
Name of Co-Ordinator	:	Dr. N. P. Gaikwad
Name of the Faculty	:	Mr. Swapnil Chandankhede
No. of students Enrolled	:	39
No. of Students Passed	:	39

OBJECTIVES OF CONDUCTING

- Typesetting of journal articles, technical reports, thesis, books, and slide presentations.
- Control over large documents containing sectioning, cross-references, tables and figures.
- Typesetting of complex mathematical formulae.
- Advanced typesetting of mathematics with AMS-LaTeX.
- Automatic generation of table of contents, bibliographies and indexes.

LEARNING OUTCOME

At the end of the course,

- To write mathematical documents via LaTeX.
- To write documents containing mathematical formulas.
- To writes articles in different journal styles.
- To draws graphs and figures in LaTeX.
- To prepare presentation using LaTeX.

Prof. Pitambar Humane
IQAC Co-ordinator

Dr. N. P. Gaikwad
Course Coordinator

Dr. Akhilesh Peshwe
Principal



SUMMARY
CERTIFICATE COURSE IN VEDIC MATHEMATICS

SESSION: 2021-22

Name of the Department	:	Mathematics
Name of Co-Ordinator	:	Dr. N. P. Gaikwad
Name of the Faculty	:	Mr. Swapnil Chandankhede
No. of Students Enrolled	:	14
No. of Students Passed	:	10

OBJECTIVES OF CONDUCTING

- The basic objective of Vedic Mathematics is to make mathematics easy and interesting.
- students become conceptually strong in Mathematics and able to solve complex mathematical problems faster and easier.
- To make mathematics fun filled and arise interest.
- To increase the speed and accuracy in various competitive and placement exams.

LEARNING OUTCOME

At the end of the course,

- Students become conceptually strong in Mathematics
- Increases speed and accuracy;
- Improved academic performance and instant results;
- Sharpens your mind, increases mental agility and intelligence;
- Increases visualization and concentration in children;
- Become a mental calculator.

Prof. Pitambar Humane
IQAC Co-ordinator

Dr. N. P. Gaikwad
Course Coordinator

Dr. Akhilesh Peshwe
Principal



Dharampeth Education Society's
Dharampeth M. P. Deo Memorial Science College, Nagpur
Academic Session: 2021-2022

Name of the Course: Excel for Banking and Accounts

Name of the Course Co-coordinator and Faculty Member: Mrs. Ruma Kapre

Number of Students Enrolled: 67

Number of Students Passed: 63

Objective of the Course:

- 1) Organize data in an easy-to-navigate way
- 2) Do basic and complex mathematical functions
- 3) Turn piles of data into helpful graphics and charts
- 4) Analyze data and make forecasting predictions
- 5) Create, build, and edit pixelated images (yes, creatives use it, too!)

Outcome of the Course: -

- 1) Identify the different components of the Excel worksheet
- 2) Use spreadsheets for creating, storing, and retrieving data.
- 3) Create charts for effectively presenting data
- 4) Representation of data in Pivot Charts and Tables
- 5) Use problem – solving skills to design spreadsheets
- 6) Enter Text, Lookup, Statistical functions and formulas in to an Excel spreadsheet
- 7) Use of applying validation on data
- 8) Generating MIS Reports
- 9) Use of Banking formulas in spreadsheet.

Mrs. Ruma Kapre

Name and Signature of Course Coordinator

Prof. Pitambar Humane

IQAC Coordinator

CO ORDINATOR

INTERNAL QUALITY ASSURANCE CELL
DHARAMPETH, M. P. DEO MEMORIAL &
SCIENCE COLLEGE, NAGPUR

Dr. Akhilesh Peshwe

Principal

Principal

Dharampeth M.P. Deo Memorial
Science College, Nagpur.



DHARAMPETH EDUCATION SOCIETY'S
DHARAMPETH M. P. DEO MEMORIAL SCIENCE COLLEGE, NAGPUR

Session 2021-22

Name of the Course: Basics of Pattern making & Embellishment

Name of the coordinator/Faculty: Mrs Manju Deshpande

Students Enrolled: 58

Students Passed: 55

Objective of the course:

1. Empowering women
2. Basics of Pattern making to be able to start boutique
3. Different Embellishment techniques and embroidery (basic ,regional) for embellishing garment.
4. Knowledge related to Textile Industry.

Outcome of the course:

1. Entrepreneurship.
2. job employability.
3. Hobby classes
4. Grading concept can help in boutique & certain unit of Textile Industry

Principal
Name and signature

IQAC Coordinator
Name and signature

Course Coordinator
Name and signature



DHARAMPETH M. P. DEO MEMORIAL SCIENCE COLLEGE, NAGPUR
Session- 2021-22

Certificate Course Report

Name of the course:	Certificate Course in IoT Devices
Name of the Co-ordinator and Faculty:	Prof. Varsha Rangari & Dr. Ashish Rewatkar
Student Enrolled:	59
Student Passed:	55

OBJECTIVES:

1. To explore the interconnection and integration of the physical world and the cyber space.
2. To develop the ideas and concept about IoT Devices.
3. To develop the skills to design the IoT system and become employable.

LEARNING OUTCOMES:

1. Students will be able to understand the application areas of IoT.
2. Students will be able to realize the revolution of Internet in Mobile Devices, Cloud & Amplifier; Sensor Networks.
3. Students will be able to understand building blocks of Internet of Things and characteristics.

Prof. Pitambar Humane
IQAC Coordinator

Name & Signature of Course Coordinator

Dr. Akhilesh Peshwe
Principal

Principal
Dharampeth M.P. Deo Memorial
Science College, NAGPUR



DHARAMPETH EDUCATION SOCIETY'S

DHARAMPETH M. P. DEO MEMORIAL SCIENCE COLLEGE, NAGPUR

Session 2021-22

Name of the Course: Developing Computational Skills Using Software Packages & Online Google Tools

Name of the coordinator: Dr. Mrs. Snehal Narale

Name of the Faculty: Dr. Mrs. Snehal Narale , Prof. Vineet Anand Pawar

Students Enrolled: 100

Students Passed:

Objective of the Course:

1. To find and evaluate information on the Web (learn how to be critical and evaluate what is valid and reliable).
2. To understand and learn the basics of communication like e-mail : such as sending, forwarding and receiving mail, attaching documents, creating mailboxes, filters, and address books.
3. To understand and practice MS Power point which will help them to improve/enhance their presentation skills
4. To understand the use of Various Google tools.

Outcome of the course:

Upon completion of the course students will be able to:

1. Recognize when to use each of the software packages to create professional and academic documents.
2. Develop the computational skills and concepts using software packages and Google tools for the use of computer hardware, software, networks, and the Internet in the workplace and in future coursework as identified by the internationally accepted Internet and Computing Core (IC3) standards.
3. It helps to enhance their computational Skills.
4. Students can enhance their employ-ability skills at the end of the course.

Prof. P.T Humane
IQAC Coordinator

Dr.Mrs.Snehal Narale

Name and Signature of Course Coordinator

Dr.Akhilesh Peshwe

Principal

**Dharampeth M. P. Deo Memorial
Science College, Nagpur**



DHARAMPETH EDUCATION SOCIETY'S
DHARAMPETH M. P. DEO MEMORIAL SCIENCE COLLEGE, NAGPUR

Session 2021-22

Name of the Course: Developing Computational Skills Using Software Packages & Online Google Tools

Name of the coordinator: Dr. Mrs. Snehal Narale

Name of the Faculty: Dr. Mrs. Snehal Narale , Prof. Vineet Anand Pawar

Students Enrolled: 100

Students Passed:

Objective of the Course:

1. To find and evaluate information on the Web (learn how to be critical and evaluate what is valid and reliable).
2. To understand and learn the basics of communication like e-mail : such as sending, forwarding and receiving mail, attaching documents, creating mailboxes, filters, and address books.
3. To understand and practice MS Power point which will help them to improve/enhance their presentation skills
4. To understand the use of Various Google tools.

Outcome of the course:

After completion of the course students will be able to:

1. Recognize when to use each of the software packages to create professional and academic documents.
2. Develop the computational skills and concepts using software packages and Google tools for the use of computer hardware, software, networks, and the Internet in the workplace and in future coursework as identified by the internationally accepted Internet and Computing Core (IC3) standards.
3. Helps to enhance their computational Skills.
4. Develop their employability skills at the end of the course.

Prof. P.T Humane
IQAC Coordinator

Dr. Snehal Narale
Dr. Mrs. Snehal Narale
Head Department of Computer Science
Dharampeth M. P. Deo Memorial
Science College, Nagpur

Name and Signature of Course Coordinator

Dr. Akhilesh Peshwe

Principal

**Dharampeth M. P. Deo Memorial
Science College, Nagpur**



Dharampeth Education Society's
DHARAMPETH M. P. DEOMEMORIAL SCIENCE COLLEGE, NAGPUR
Session 2021-22

Name of the Course: Certificate course in Vermicomposting And Vermiculturing

Name of Coordinator: Dr. Mrs. Kirti M. Paturkar

Student Enrolled: 23

Student Passed: 23

Objective of the Course:

- 1 Vermicomposting is eco-friendly activity as it does not contain chemical elements, to develop awareness among the people about vermicomposting and increase use of organic product.
- 2 To avoid use of hazardous chemicals and its adverse effect on the environment, soil, and plants.
- 3 To reduce Soil compaction by boosting the soil aeration and improve soil texture.
- 4 Owing to its high organic matter content, it improves the soil's water retention capacity
- 5 Better nutrient absorption and root growth are promoted by it
- 6 To find out both the micro and macronutrients of the different casts
- 7 To develop students interest in research activities.

Outcome of the Course:

- 1 The students will get the knowledge of vermicomposting and culturing
- 2 Students are able to work for oneself or develop business
- 3 Students get knowledge about organic farming.
- 4 Will help to maintain the environment pollution free and will get the knowledge of biodiversity of local earthworms.
- 5 Earthworm were released in the vermibeds by the students
- 6 Student attended workshop on the vermicomposting and vermiculturing in the college premises.
- 7 Waste collected and utilised for the vermicomposting by the students.
- 8 Students maintained the vermibeds throughout the year.
- 9 It develop awareness about solid and nutritional waste management among the students


Prof. P. Y. Humane
IQAC Coordinator


Dr. Akhilesh Peshwe

Principal
Dharampeth M. P. Deo Memorial
Science College, NAGPUR.



Dharampeth Education Society's
DHARAMPETH M. P. DEOMEMORIALSCIENCECOLLEGE, NAGPUR
Session 2021-22

Name of the Course: Certificate course in Fresh Water Fish Culture

Name of Coordinator: Dr. Mrs. Kirti M. Paturkar

Student Enrolled: 51

Student Passed: 49

Objective of the Course:

1. Impart knowledge about fundamentals of inland fisheries practices so as to increase fish production to meet protein malnutrition as well as providing job opportunities
2. Train manpower for the development of inland fisheries.
3. Impart knowledge for developing proficiency and management practices in food fishes
4. Train personnel in natural seed collection and bundh breeding.
5. Train personnel for improving reservoir fisheries.
6. Develop young entrepreneurs for self-employment through different farming schemes.
7. Develop organizational capabilities in fisheries workers for assisting fishermen

Outcome of the Course:

- 1 Students get knowledge about fresh water fisheries, fish breeding and their development.
- 2 Students get opportunities in fisheries sector.
- 3 Students may get involve as hatchery operator.
- 4 It can also open an opportunity as Fish Seed producer and supplier.
- 5 May get employment in central and state fishery departments.
- 6 Students can work as a Fish Breeder and can develop a lab for the same.
- 7 Demonstration on pond ecosystem has been conducted in the college premises.
- 8 Successful fish rearing and feeding has been conducted with the help of the students.

Prof. P. T. Humane
IQAC Coordinator

Dr. Akhilesh Peshwe

Principal

Dharampeth M. P. Deo Memorial
Science College, NAGPUR



DHARAMPETH EDUCATION SOCIETY'S
DHARAMPETH M. P. DEO MEMORIAL SCIENCE COLLEGE, NAGPUR

Session 2021-22

Name of the Course: IIT Spoken Tutorial Certificate Course [NMEICT, MoE Govt. of India]
C and CPP

Name of the coordinator and Faculty: Dr. Mrs. Snehal Narale

Students Enrolled: 35

Students Passed: 26

Objective of the Course:

1. To understand and learn about a particular FOSS (Free and Open Source Software) like, C/C++
2. To analyze the use of software(C and CPP) in short and simple steps.
3. To understand how to replicate the instructions, build and run their own program code.
4. To develop and enhance students reading and listening ability.
5. To understand the use of active learning method through online audio and video tools.

Outcome of the course:

1. After completion of the course students will display the ability to develop their own applications for business and industrial.
2. After Completion of online assessment test students will get passing/completion certificate as well as participation certificate.
3. Students will be able to enhance their reading, listening and programming Skills. They can also understand the Powerful features, simple syntax of these programming languages.
4. Students can enhance their employability skills at the end of the course.
5. Students can widely use this in the process of development of operating systems.

Prof. P.T Humane
IQAC Coordinator

Dr.Mrs.Snehal Narale
Name and Signature of Course Coordinator

Dr.Akhilesh Peshwe
Principal
Dharampeth M.P.Deo Memorial
Science College, Nagpur



DHARAMPETH EDUCATION SOCIETY'S
DHARAMPETH M. P. DEO MEMORIAL SCIENCE COLLEGE, NAGPUR

Session 2021-22

Name of the Course: IIT Spoken Tutorial Certificate Course [NMEICT, MoE Govt. of India]
Inkscape
Name of the coordinator and Faculty: Dr. Mrs.SnehalNarale
Students Enrolled: 23
Students Passed: 16

Objective of the Course:

1. To understand an Open source Graphics art and design software application equivalent of CorelDraw and Illustrator.
2. To analyze the use of active learning method through online audio and video tools.
3. To analyze the use of software in short and simple steps.
4. To understand how to replicate the instructions, build and run their own program code.
5. To develop and enhance students reading and listening ability.

Outcome of the course:

1. After completion of the course students can use Inkscape Graphics art and design software application for the editing and creation of original images, icons, graphical elements of web pages and art for user interface elements.
2. After Completion of online assessment test students will get passing/completion certificate as well as participation certificate.
3. At the end of this course student can work on desktop publishing like creating banners, posters, brochures, CD cover image, artwork for textiles, etc.
4. Students can enhance their employ-ability skills after concluding the course.

Prof. P.T Humane
IQAC Coordinator

Dr.Mrs.Snehal Narale
Name and Signature of Course Coordinator

Dr.Akhilesh Peshwe
Principal
Dharampeth M.P.Deo Memorial
Science College, Nagpur



DHARAMPETH EDUCATION SOCIETY'S

DHARAMPETH M. P. DEO MEMORIAL SCIENCE COLLEGE, NAGPUR

Session 2021-22

Name of the Course: IIT Spoken Tutorial Certificate Course NMEICT, MoE Govt. of India]
LibreOffice Suite [Base]

Name of the Coordinator and Faculty: Dr. Mrs. Snehal Narale

Students Enrolled: 08

Students Passed: 04

Objective of the Course:

1. To understand and learn about a particular FOSS (Free and Open Source Software) like LibreOffice Suite base.
2. To understand the use of active learning method through online audio and video tools.
3. To develop and enhance students reading and listening ability.
4. To understand how Base caters to power users and enterprise requirements and providing native-support drivers for some of the most widely employed multi-user database engines like MySQL, MS Access and PostgreSQL.

Outcome of the course:

1. At the end of this course student trains in computer usage skills in Libreoffice suite base.
2. After the Completion of online assessment test students will get passing/completion certificate as well as participation certificate.
3. Students will be able to enhance their reading, listening and programming Skills.
4. Students can enhance their employ-ability skills at the end of the course.
5. Students will be able to understand full-featured desktop database front end which is designed to meet the needs of a broad array of user's .They can represent and store their information using this in a systematic manner.

Prof. P.T Humane
IQAC Coordinator

Dr. Mrs. Snehal Narale

Name and Signature of Course Coordinator

Dr. Akhilesh Peshwe

Principal

Dharampeth M. P. Deo Memorial
Science College, Nagpur



DHARAMPETH EDUCATION SOCIETY'S
DHARAMPETH M. P. DEO MEMORIAL SCIENCE COLLEGE, NAGPUR

Session 2021-22

Name of the Course: IIT Spoken Tutorial Certificate Course [NMEICT, MoE Govt. of India]
Introduction to Computers

Name of the coordinator and Faculty: Dr. Mrs. Snehal Narale

Students Enrolled: 142

Students Passed: 104

Objective of the Course:

1. To understand and learn about a particular FOSS (Free and Open Source Software) Introduction to computers.
2. To understand the use of active learning method through online audio and video tools.
3. To develop and enhance students reading and listening ability.

Outcome of the course:

1. After the completion of this certificate course students can practically do setup the configuration of output devices like printer with the machine . along with this they will also get the knowledge about the functioning of basic parts of a computer, connecting the parts using cables.
2. Students will be able to work with the computer environment easily. They can enhance their communication computational skills.
3. After Completion of online assessment test students will get passing/completion certificate as well as participation certificate.
4. Students will be able to enhance their reading, listening Skills.
5. Students can enhance their employability skills at the end of the course.

Prof. P.T Humane
IQAC Coordinator

Dr. Mrs. Snehal Narale
Name and Signature of Course Coordinator

Dr. Akhilesh Peshwe
Principal
Dharampeth M. P. Deo Memorial
Science College, Nagpur



DHARAMPETH EDUCATION SOCIETY'S
DHARAMPETH M. P. DEO MEMORIAL SCIENCE COLLEGE, NAGPUR

Session 2021-22

Name of the Course: IIT Spoken Tutorial Certificate Course [NMEICT, MoE Govt. of India]
Php and Mysql

Name of the coordinator and Faculty: Dr. Mrs.Snehal Narale

Students Enrolled: 17

Students Passed: 6

Objective of the Course:

1. To understand an Open source Programming Language which help to build Website .
2. To study the use of active learning method through online audio and video tools.
3. To recognize the process of creation and connection of database in Mysql in easy steps.
4. To develop and enhance students programming ability.
5. To Demonstrate various MySQL database queries.
6. To understand the basic concepts of PHP and its applications.

Outcome of the course:

1. After completion of the course students develop their own applications and website.
2. After Completion of online assessment test students will get passing/completion certificate as well as participation certificate.
3. Students learn to unleash the true power of dynamic page development with MySQL database integration.
4. Students can enhance their employ-ability skills after concluding the course.
5. Students are also taught how to create database connections and to execute SQL statements directly from PHP scripts

Prof. P.T Humane
IQAC Coordinator

Dr.Mrs.Snehal Narale
Name and Signature of Course Coordinator

Dr.Akhilesh Peshwe
Principal
**Dharampeth M. P. Deo Memorial
Science College, Nagpur**



DHARAMPETH EDUCATION SOCIETY'S
DHARAMPETH M. P. DEO MEMORIAL SCIENCE COLLEGE, NAGPUR

Session 2021-2022

Name of the Course: IIT Spoken Tutorial Certificate Course NMEICT, MoE Govt. of India]
RDBMS

Name of the coordinator and Faculty: Dr.Mrs.Snehal Narale

Students Enrolled: 145

Students Passed: 104

Objective of the Course:

1. To understand concepts of Relational Database Management System.
2. To understand the working of PostgreSQL which is a powerful, open source relational database system.
3. To develop and enhance students reading and listening ability.
4. To understand the use of active learning method through online audio and video tools.
5. To understand the various programming interfaces for C/C++, Java, Perl, Python, Ruby etc.

Outcome of the course:

1. After completion of the course students can with all modern database systems like MS SQL Server, IBM DB2, Oracle, MySQL, PostgreSQL and Microsoft Access.
2. After Completion of online assessment test students will get passing/completion certificate as well as participation certificate.
3. Students can work with industry database management after the successful execution of this course.
4. Students can enhance their employ-ability skills at the end of the course.

Prof. P.T Humane
IQAC Coordinator

Dr. Mrs. Snehal Narale
Name and Signature of Course Coordinator

Dr. Akhilesh Peshwe

Principal

**Dharampeth M. P. Deo Memorial
Science College, Nagpur**



DHARAMPETH EDUCATION SOCIETY'S
DHARAMPETH M. P. DEO MEMORIAL SCIENCE COLLEGE, NAGPUR

Session 2021-22

Name of the Course: IIT Spoken Tutorial Certificate Course NMEICT, MoE Govt. of India]
Arduino

Name of the coordinator and Faculty: Dr. Mrs. Snehal Narale

Students Enrolled: 07

Students Passed: 07

Objective of the Course:

1. To understand and learn open source hardware, software and microcontroller tool kit.
2. To understand the use of active learning method through online audio and video tools.
3. To understand how to write, build and run own program code.
4. To develop and enhance students reading and listening ability.
5. To recognize how Arduino empowers creative minds to master technology and intuitively solve everyday problems.

Outcome of the course:

1. After completion of the course students will display the ability to write their own programs which help them for building digital devices and interactive objects that can sense and control physical devices.
2. After Completion of online assessment test students will get passing/completion certificate as well as participation certificate.
3. Students will be able to enhance their reading, listening and programming Skills.
4. Students can enhance their employability skills at the end of the course as hardware professional.

Prof. P.T Humane
IQAC Coordinator

Dr. Mrs. Snehal Narale
Name and Signature of Course Coordinator

Dr. Akhilesh Peshwe

Principal

**Dharampeth M.P. Deo Memorial
Science College, Nagpur**



DHARAMPETH EDUCATION SOCIETY'S
DHARAMPETH M. P. DEO MEMORIAL SCIENCE COLLEGE, NAGPUR

Session 2021-22

Name of the Course: Certificate Course in Skill Development for Competitive examinations

Name of the coordinator: Dr.Mrs.Shraddha Deshpande

Name of the Faculty: Mr. Rahul Vaidya

Students Enrolled: 26

Students Passed: 22

Objective of the course:

- a. To develop students' skills for Competitive examination so that they will get employment.
- b. To develop their ideas and concepts about Competitive Aptitude so that their performance in various Competitive examinations will be improved.
- c. To give them opportunity to appear for various Competitive Examinations for entry in services.

Outcome of the course:

After 43 hrs of coursework:

- a. At the end of the course students will be able to understand concepts of topics which are asked in Competitive examinations
- b. After 43 hours of course students able to manage time to solve the questions.
- c. After completion of training students able to solve questions by various easier methods and get the answers.

Dr. Akhilesh Peshwe
Principal
Principal

**Dharampeth M. P. Deo Memorial
Science College, Nagpur**

Dr. P. T. Humane
IQAC Coordinator

CO ORDINATOR
INTERNAL QUALITY ASSURANCE CELL
DHARAMPETH, M. P. DEO MEMORIAL &
SCIENCE COLLEGE, NAGPUR

Dr. Mrs. Shraddha Deshpande
Course Coordinator



DHARAMPETH EDUCATION SOCIETY'S

DHARAMPETH M. P. DEO MEMORIAL SCIENCE COLLEGE, NAGPUR

Session 2021-22

Name of the Course: Certificate Course in Communication Skills and Personality Development

Name of the coordinator: Dr.S.A.Deshpande

Name of the Faculty: Dr.S.A.Deshpande

Students Enrolled: 79

Students Passed: 74

Objective of the course:

- To introduce students to various levels of organizational communication and communication barriers along with the strategies to overcome them.
- To enable students, have good listening, speaking reading and writing skills
To impart the correct practices of the strategies of effective business communication.
- To develop email writing skills as a part of formal communication.

Outcome of the course:

After 43 hrs of coursework:

- Students will learn effective use of formal and informal use of English language to understand and apply communication theory effectively at workplace.
- Students will be able to understand the concepts and strategies of communication skills with special reference to writing and listening skills.

Principal
Dr. Akhilesh Peshwe

**Dharampeth M. P. Deo Memorial
Science College, Nagpur**

IQAC Coordinator
Dr. P. T. Humane
DesName and signature

Course Coordinator
Dr. Shraddha