

DHARAMPETH M. P. DEO MEMORIAL SCIENCE COLLEGE, NAGPUR



6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

Report of Online Short Term Certificate Courses Under Jeevan Shikshan Abhiyan

- Certification Courses and skill based courses helps an individual to showcase his competency, commitment for the profession, build expertise in his professional subject area, and helps with job advancement.
- In the age of competition, the hiring authorities demand their future employees to be competent in subject area as well as life skills.
- It is observed that learning these skills through well designed certificate courses which involves specific duration and objectives can enhance their employability skills.
- In order to motivate learners for their professional development and sustainability in future, there is a need to provide them knowledge and training in these areas through appropriate certifications.
- Considering the above factors, the college re-introduced Online Short-Term Certificate Courses under Jeevan Shikshan Abhiyan of Department of Lifelong Learning and Extension of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur from the session 2021-2022. Ten courses were sanctioned with two new add-on courses to develop students' life skills, update subject skills and improve communication skills.

The list of the following courses is as follows:

1. Certificate Course in Communication Skill and Personality Development
2. Certificate Course in Skill Development in Competitive Exam
3. Certificate Course in Vedic Mathematics
4. Certificate Course in Latex
5. Certificate Course Water Fish Culture
6. Certificate Course in Vermiculturing and Vermicomposting
7. Certificate Course in Developing Computation Skills Using Software Packages And Online Google Tools
8. Certificate Course in Pattern Making & Embellishment
9. Certificate Course in 'IoT Devices'.
10. Certificate Course in Excel for Banking and Accounts

The report of Online Short Term Certificate Courses is given below.

Sr. No.	Year	No. of students enrolled	Percentage of student passed
1	2017-2018	00	-
2	2018-2019	00	-
3	2019-2020	00	-
4	2020-2021	768	98.95%
5.	2021-2022	517	89.74%

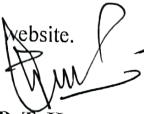
The report of Online Short Term Certificate Courses (2020-2021) is given below:

Sr. No.	Name of the Course	No. of students enrolled	Percentage of student passed
1	Certificate Course in Communication Skill and Personality Development	79	74
2	Certificate Course in Skill Development in Competitive Exam	26	22
3	Certificate Course in Vedic Mathematics	14	10
4	Certificate Course in Latex	39	39
5	Certificate Course Water Fish Culture	51	49
6	Certificate Course in Vermiculturning and Vermicomposting	23	23
7	Certificate Course in Developing Computation Skills Using Software Packages and Online Google Tools	100	70
8	Certificate Course in Pattern Making & Embellishment	59	59
9	Certificate Course in 'IoT Devices'.	59	55
10	Certificate Course in Excel for Banking and Accounts	67	63
	Total	517	464

More details are available on college website.


Dr. S.A. Deshpande

Director


Prof. P. T. Humane

IQAC coordinator


Dr. Akkilesh Peshwe

Principal
Principal

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

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



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The Progress Report of IIT Spoken Tutorial Certificate Course

- In the world of digitization, the implementation of ICT in higher education is the need and demand of this era. The Spoken Tutorial project takes an initiative of the "Talk to a Teacher" activity of the National Mission on Education through Information and Communication Technology (ICT), MoE, Government of India to promote IT literacy through Open Source Software.
- The Spoken Tutorial Project is about teaching and learning a particular FOSS (Free and Open Source Software) like Linux, Scilab, LaTeX, PHP & MySQL, Java, C/C++, LibreOffice etc. via an easy Video tool - Spoken Tutorials.
- It is envisaged that professionally qualified graduates with a sound knowledge of their core discipline and expertise in a concerned skill will have openings in service, industry and self-employment sectors.
- Demand and scope for such professionally trend graduates are visible in the applied fields of almost all basic and core disciplines and faculty in the changing global scenario and are likely to increase in the future.
- Under IIT Spoken Tutorial project the college was introduced the certificate course in the year, 2017-2018. At the initial stage the course (C and CPP) was introduced for computer science students only. Later on that all the students from the college benefited with various courses of IIT Spoken Tutorial. These courses help the students to gain basic and detail knowledge about the subject.
- For the advancement of the students, progressively some courses were newly introduced and offered to the students. Since then the course is running smoothly, Dr.Snehal Narale Head, Computer Science Department of the college works as a College course coordinator and provides training to the students on various courses. The faculty trained the students in offline as online mode. But in COVID-19 pandemic situation due to online mode of teaching, learning and flexibility of timing a sudden spurt in the no. of students getting benefited from this course.

- Many students get benefited with more than one certificate course which will help them to enhance and increase their concept clarity of the subject. College was introduced basic to advance level courses to the students starting from introduction to Computers to PHP,MYSQL.
- Students select the courses of IIT Spoken Tutorial as per their choice and interest of the subject. Many students those who scored good in final online examination received Job offer letter from IIT spoken.
- In the year 2021-2022 new course Php and Mysql was newly introduced to the students which help them to enhance their programming skills. With PHP, students understood how to implant vibrant activity in web pages as well as to create our own business logic . While MySQL is a relational database management system.

Year Wise List of the courses under IIT Spoken Tutorial:

S. No.	Year	Course Name
1	2017-2018	1. C and CPP
2	2018-2019	1. Java 2. Linux 3. C & CPP 4. Libreoffice Suite [Base]
3	2019-2020	1. Introduction to Computers 2. C and CPP 3. Arduino 4. Inkscape 5. Python 6. Latex 7. Advanced CPP
4	2020-2021	1. Introduction to Computers 2. C and CP 3. Arduino 4. Latex 5. Inkscape 6. Libreoffice Suite [Base] 7. RDBMS
5	2021-2022	1. Introduction to Computers 2. C and CP 3. Arduino 4. Libreoffice Suite[Base] 5. Php and Mysql 6. Inkscape 7. RDBMS

The progress report of this IIT Spoken Tutorial Certificate course is given below.

Sr. No.	Year	No. of students Enrolled	Percentage of Student Passed
1	2017-2018	46	36.66
2	2018-2019	63	69.04
3	2019-2020	164	51.42
4	2020-2021	229	67.19
5	2021-2022[SEM I]	192	84.93
	2021-2022[SEM II]	185	75.90

- The more details are available on college website.



Dr. Snehal A. Narale
Programme Coordinator



Prof. P. T. Humane
IQAC coordinator



Dr. Akhilesh Peshwe
Principal

CO ORDINATOR
INTERNAL QUALITY ASSURANCE CELL
DHARAMPETH, M. P. DEO MEMORIAL &
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The Progress Report of Certificate Course in Bio-informatics


- Globalization of education and economy has led the HEI to reorient its existing programmes to make the education system more relevant and career oriented with focus on quality and excellence.
- It is envisaged that professionally qualified graduates with a sound knowledge of their core discipline and expertise in a concerned skill will have openings in service, industry and self-employment sectors.
- Demand and scope for such professionally trend graduates are visible in the applied fields of almost all basic and core disciplines and faculty in the changing global scenario and are likely to increase in the future.
- To meet these challenges in the XI th plan of UGC various career oriented Add-on skill based certificate courses were introduced, inline of this, our college opted for COC in Bio-informatics. This course was introduced in the year, 2008 in the college. Since then the course is running smoothly, however some problem were faced by the students for getting enrolled in the subject. This was due to offline mode of teaching and timetable constraints. But in COVID-19 pandemic situation due to online mode of teaching and flexibility of timing a sudden spurt in the no. of students getting enrolled was observed.

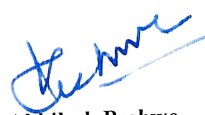
The progress report of this COC course is given below.

S. No.	Year	No. of students enrolled	Percentage of student passed
1	2017-2018	09	100 %
2	2018-2019	00	--
3	2019-2020	09	100%
4	2020-2021	79	100%
4	2021-2022	82	86.58%

The more details are available on college website.


Dr. A.S. Kulkarni
Programme Coordinator


Prof. P. T. Humane
IQAC coordinator
CO ORDINATOR
INTERNAL QUALITY ASSURANCE CELL
DHARAMPETH, M. P. DEO MEMORIAL &
SCIENCE COLLEGE, NAGPUR


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



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 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
Dharmath 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.

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.**
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



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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
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:

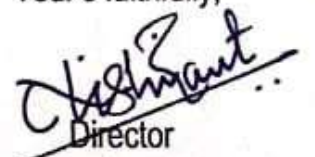
Details of the Course

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**
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Your's faithfully,


Director



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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
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.
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Your's faithfully,


Director



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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
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.

- 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.**
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