

Kamla Nehru Mahavidyalaya, Nagpur

Affiliated to RTM Nagpur University, Nagpur, Recognised by State Government

Re-accredited by NAAC with (A+) grade (CGPA 3.53)



Amar Sewa Mandali's

Department of Biochemistry organising the Skilled based certificate course on

2019-20

"MEDICAL LABORATORY TECHNOLOGY"

Topics to be covered:

Theory and practical based on-

- Pathology Aspects
- Clinical Pathology
- Haematology
- Microbiology
- Clinical Microbiology
- Biochemistry
- Immunology
- Parasitology

Eligibility:

Any students of B.Sc. Sem I students of life sciences stream

Course Duration:

5th Mar 2020 to 20th Mar 2020

Last date of registration:

Registration can be done till before 5th Mar 2020

Course Fee:

500 INR only for B.Sc. Sem I students

Venue:

Department of Biochemistry
Laboratory, Kamla Nehru
Mahavidyalaya, Nagpur

Course Co-ordinator:

Dr. Shardul S. Wagh
(Head Department of Biochemistry)

Contact details:

Mob. 9423403985



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, 2019 (Mah. Act No. 21 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
Kamla Nehru Mahavidyalaya,
Nagpur.

No. DOLLEB37/20
Dated : 31.01.2020

**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, I am to inform you that your proposal has been accepted by the Department 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	Duration	No. of Candidates to be admitted	Fees to be Charged per Student	Fees to be Deposited With the Deptt.
1	Certificate Course in Embedded System Basic and 8051 Microcontroller Interfacing	15 days	40	200/-	10%
2	Certificate Course in Nursery Technique with Special reference to Floriculture	15 days	50	200/-	10%
3	Certificate Course in Skilled Based on Medical Laboratory Technology	15 days	100	500/-	10%

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

1. This sanction is valid for this particular Batch only.
2. Fees for the course should be charged as per the norms prescribed.
3. Expenditure on the course should be incurred as per norms.
4. Course should be started within a Month from the date of sanction.
Please communicate your acceptance within a month and submit the Initial Report
5. Submit the List of Students admitted in the excel format attached herewith.
Also send a soft copy in CD/Pen drive

Your's faithfully,

Phattar
Director

Kamla Nehru Mahavidyalaya, Nagpur

Circular

This is for information of all the head of department (HOD), science faculty, that Department of Biochemistry is organizing RTMNU recognized Skilled Based Certificate Course on **"Medical Laboratory Technology"** under Jeevan Shiksha Abhiyan during **5th March to 20th March 2020**. Registration Fess for this workshop is **Rs.500/-**. Interested students must register **before 5th March 2020**, So kindly inform the interested students for the above Certificate Course.

Departments:

Chemistry

Biotechnology

Microbiology

Biochemistry

Environmental Sciences

Botany

Zoology

Cosmetic Technology

[Handwritten signatures and initials]

[Handwritten signature]

[Handwritten signature]

[Handwritten signature]
Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

SR, NO.	TOPICS	NO.OF LECTURES.
1.	PATHOLOGY • INTRODUCTION • HUMAN BLOOD GROUP ANTIGEN • ABO BLOOD GROUP SYSTEM AND INCOMPATIBILITY • Rh BLOOD GROUP AND INCOMPATIBILITY • ANTIGEN COAGULANT PRACTICAL • ABO BLOOD GROUP SLIDE TECHNIQUE AND CROSS MATCHING	3
2.	CLINICAL PATHOLOGY • INTRODUCTION PRACTICAL • URINE ANALYSIS PHYSICAL CHEMICAL • MICROSCOPIC • SUGAR ALBUMIN , BILE SALT	3
3.	HEAMATOLOGY • ESTIMATION OF HAEMOGLOBIN • HEAMOCYTOMETER (SAHLIS METHOD) • SERUM/PLASMA(CENTRIFUGATION) PRACTICAL • TLC • DLC	3
4.	MICROBIOLOGY • HISTORY • MICROBES AND THEIR CLASSIFICATION • STUDY OF MICROSCOPE • CULTURE AND IDENTIFICATION • STERILIZATION AND DISINFECTION PRACTICAL • . COMMAN LABORATORY EQUIPMENT AND USES • MICROSCOPE • INCUBATOR • HOT AIR OVEN AUTOCLAVE • ANAROBIC CULTURE INOCULATION TECHNIQUES.	6
5.	CLINICAL MICROBIOLOGY • NORMAL FLORA OF HUMAN BODY • SEPTICEMIA • PYAEMIA • FOOD POISONING • OPPORTUNISTIC INFECTION	6

	PRACTICAL • STAINING TECHNIQUE • SIMPLE STAIN • GRAM STAIN • ACID FAST STAINING • ANTIBIOTIC SENSITIVITY	
6.	BIOCHEMISTRY • CARBOHYDRATE FATS AMINO ACID AND PROTEINS PRACTICAL • TEST FOR CARBOHYDRATE • TEST FOR PROTEINS AND AMINO ACID	3
7.	IMMUNOLOGY • IMMUNITY • ANTIGEN AND ANTIBODY • TYPES OF IMMUNITY • ANTIGEN ANTIBODY REACTION PRACTICAL • SEROLOGY • WIDAL TEST • VDRL TEST • AGGLUTINATION TEST • ELISA TEST	3
8.	PARASITOLOGY • STUDY OF PARASITE PRACTICAL • DETECTION OF ANTIGEN/ANTIBODY FOR MALARIA PARASITE	3

Kamla Nehru Mahavidyalaya
Department of Biochemistry
Certificate Course on Medical Laboratory Technology
Session 2019-2020
Time Table

Sr. No.	Date	Time	Theory	Time	Practical
1	05-03-20	9.30-12.30	Dr. Deoghare	12.00- 2.00	
2	06-03-20	11.00-12.00	Mr. Palash Thakare	12.00-2.00	Mr. Palash Thakare
3	07-03-20	11.00-12.00	Mrs. Bharti Vaidhya	12.00-2.00	Dr. S. S. Wagh
	09-03-20	11.00-1.00	Dr. Deoghare	12.00-2.00	Dr. S.S. Wagh
4	11-03-20	11.00-1.00	Dr. Sunita Soni	12.00-2.00	Mr. Palash Thakare
5	12-03-20	11.00-2.00	Ms. Pooja Kadu	12.00-2.00	Ms. Pooja Kadu
	13-03-20	11.00-12.00	Mrs. Bharti Vaidhya	12.00-2.00	Mrs. Manisha Kapse
6	14-03-20	11.00-12.00	Ms. Pooja Kadu	12.00-2.00	Ms. Pooja Kadu
7	16-03-20	11.00-12.00	Dr. Pallavi Dhande	12.00-2.00	Ms. Pooja Kadu
8	17-03-20	11.00-12.00	Dr. Pallavi Dhande	12.00-2.00	Mrs. Manisha Kapse
9	18-03-20	11.00-12.00	Dr. Sunita Soni	12.00-2.00	Mr. Palash Thakare
10	19-03-20	11.00-12.00	Dr. Nitin Shende	12.00-2.00	Mr. Palash Thakare
11	20-03-20	11.00-1.00	Exam		



Dr. Shardul S. Wagh
Course Co-ordinator
Head , Department of Biochemistry
Kamla Nehru Mahavidyalaya
Nagpur Head
Department of Biochemistry
Kamla Nehru Mahavidyalaya
Nagpur.



Dr. Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya
Nagpur
Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Kamla Nehru Mahavidyalaya

Department of Biochemistry

Certificate Course on Medical Laboratory Technology

Session 2019-2020

Sr. No.	Name	Topic to be Taught	Full Postal Address	Phone No.
1	Dr. K.W.Deoghare	Adolescence, HIV-AIDS	Adv. V.R. Manohar Institute of DMLT, Nagpur	9823095871
2	Dr. Sunita Soni	Carbohydrates and Proteins	Adv. V.R. Manohar Institute of DMLT, Nagpur	9730514465
3.	Mrs. Bharti Vaidhya	Haematology and Immunology	Government Medical College, Nagpur	7972188470
4	Dr. Pallavi Wanjari	Clinical Microbiology	Vishakha Pathology Lab, Nagpur	9021089993


Dr. Shardul S. Wagh
Course Co-ordinator
Head , Department of Biochemistry
Kamla Nehru Mahavidyalaya
Nagpur

Head
Department of Biochemistry
Kamla Nehru Mahavidyalaya
Nagpur.


Dr. Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya
Nagpur
Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Attendance Sheet

[illegible]

	3	4	5	6	7	8	9	11	12	13	14	15
39. Sakshi Y. Bhorkar	Sakshi Y. Bhorkar	Sakshi Y. Bhorkar	Sakshi Y. Bhorkar	Sakshi Y. Bhorkar	Sakshi Y. Bhorkar	Sakshi Y. Bhorkar	Sakshi Y. Bhorkar	Sakshi Y. Bhorkar				
40. Prival P. Lonare	Prival P. Lonare	Prival P. Lonare	Prival P. Lonare	Prival P. Lonare	Prival P. Lonare	Prival P. Lonare	Prival P. Lonare	Prival P. Lonare				
41. Vedika R. Dhamankar	Vedika R. Dhamankar	Vedika R. Dhamankar	Vedika R. Dhamankar	Vedika R. Dhamankar	Vedika R. Dhamankar	Vedika R. Dhamankar	Vedika R. Dhamankar	Vedika R. Dhamankar				
42. Komal Ladke	Komal Ladke	Komal Ladke	Komal Ladke	Komal Ladke	Komal Ladke	Komal Ladke	Komal Ladke	Komal Ladke				
43. Zeba N. Khan	Zeba N. Khan	Zeba N. Khan	Zeba N. Khan	Zeba N. Khan	Zeba N. Khan	Zeba N. Khan	Zeba N. Khan	Zeba N. Khan				
44. Uddesh R. Wanjari	Uddesh R. Wanjari	Uddesh R. Wanjari	Uddesh R. Wanjari	Uddesh R. Wanjari	Uddesh R. Wanjari	Uddesh R. Wanjari	Uddesh R. Wanjari	Uddesh R. Wanjari				
45. Kalyani D. Karemore	Kalyani D. Karemore	Kalyani D. Karemore	Kalyani D. Karemore	Kalyani D. Karemore	Kalyani D. Karemore	Kalyani D. Karemore	Kalyani D. Karemore	Kalyani D. Karemore				
46. Shital L. Chandel	Shital L. Chandel	Shital L. Chandel	Shital L. Chandel	Shital L. Chandel	Shital L. Chandel	Shital L. Chandel	Shital L. Chandel	Shital L. Chandel				
47. Sanskriti N. Pethe	Sanskriti N. Pethe	Sanskriti N. Pethe	Sanskriti N. Pethe	Sanskriti N. Pethe	Sanskriti N. Pethe	Sanskriti N. Pethe	Sanskriti N. Pethe	Sanskriti N. Pethe				
48. Pranali A. Somsare	Pranali A. Somsare	Pranali A. Somsare	Pranali A. Somsare	Pranali A. Somsare	Pranali A. Somsare	Pranali A. Somsare	Pranali A. Somsare	Pranali A. Somsare				
49. Aditya A. Dawle	Aditya A. Dawle	Aditya A. Dawle	Aditya A. Dawle	Aditya A. Dawle	Aditya A. Dawle	Aditya A. Dawle	Aditya A. Dawle	Aditya A. Dawle				
50. Atharva S. Selokar	Atharva S. Selokar	Atharva S. Selokar	Atharva S. Selokar	Atharva S. Selokar	Atharva S. Selokar	Atharva S. Selokar	Atharva S. Selokar	Atharva S. Selokar				
51. Prachi P. Thakur	Prachi P. Thakur	Prachi P. Thakur	Prachi P. Thakur	Prachi P. Thakur	Prachi P. Thakur	Prachi P. Thakur	Prachi P. Thakur	Prachi P. Thakur				
52. Bhumika B. Likhari	Bhumika B. Likhari	Bhumika B. Likhari	Bhumika B. Likhari	Bhumika B. Likhari	Bhumika B. Likhari	Bhumika B. Likhari	Bhumika B. Likhari	Bhumika B. Likhari				
53. Vishakha J. Jain	Vishakha J. Jain	Vishakha J. Jain	Vishakha J. Jain	Vishakha J. Jain	Vishakha J. Jain	Vishakha J. Jain	Vishakha J. Jain	Vishakha J. Jain				
54. Khushboo D. Khapekar	Khushboo D. Khapekar	Khushboo D. Khapekar	Khushboo D. Khapekar	Khushboo D. Khapekar	Khushboo D. Khapekar	Khushboo D. Khapekar	Khushboo D. Khapekar	Khushboo D. Khapekar				
55. Mansi M. Gujarkar	Mansi M. Gujarkar	Mansi M. Gujarkar	Mansi M. Gujarkar	Mansi M. Gujarkar	Mansi M. Gujarkar	Mansi M. Gujarkar	Mansi M. Gujarkar	Mansi M. Gujarkar				
56. Ishra R. Paraskar	Ishra R. Paraskar	Ishra R. Paraskar	Ishra R. Paraskar	Ishra R. Paraskar	Ishra R. Paraskar	Ishra R. Paraskar	Ishra R. Paraskar	Ishra R. Paraskar				
57. Vilaysingh O. Rathod	Vilaysingh O. Rathod	Vilaysingh O. Rathod	Vilaysingh O. Rathod	Vilaysingh O. Rathod	Vilaysingh O. Rathod	Vilaysingh O. Rathod	Vilaysingh O. Rathod	Vilaysingh O. Rathod				
58. Harshal R. Ghatole	Harshal R. Ghatole	Harshal R. Ghatole	Harshal R. Ghatole	Harshal R. Ghatole	Harshal R. Ghatole	Harshal R. Ghatole	Harshal R. Ghatole	Harshal R. Ghatole				
59. Sakshi J. Pokale	Sakshi J. Pokale	Sakshi J. Pokale	Sakshi J. Pokale	Sakshi J. Pokale	Sakshi J. Pokale	Sakshi J. Pokale	Sakshi J. Pokale	Sakshi J. Pokale				
60. Sweetv R. Hinge	Sweetv R. Hinge	Sweetv R. Hinge	Sweetv R. Hinge	Sweetv R. Hinge	Sweetv R. Hinge	Sweetv R. Hinge	Sweetv R. Hinge	Sweetv R. Hinge				
61. Pratishtha M. Lokhande	Pratishtha M. Lokhande	Pratishtha M. Lokhande	Pratishtha M. Lokhande	Pratishtha M. Lokhande	Pratishtha M. Lokhande	Pratishtha M. Lokhande	Pratishtha M. Lokhande	Pratishtha M. Lokhande				
62. Rebecca S. Kapure	Rebecca S. Kapure	Rebecca S. Kapure	Rebecca S. Kapure	Rebecca S. Kapure	Rebecca S. Kapure	Rebecca S. Kapure	Rebecca S. Kapure	Rebecca S. Kapure				
63. Mahima S. Mankar	Mahima S. Mankar	Mahima S. Mankar	Mahima S. Mankar	Mahima S. Mankar	Mahima S. Mankar	Mahima S. Mankar	Mahima S. Mankar	Mahima S. Mankar				
64. Kajal Khatri	Kajal Khatri	Kajal Khatri	Kajal Khatri	Kajal Khatri	Kajal Khatri	Kajal Khatri	Kajal Khatri	Kajal Khatri				
65. Anjali K. Khadse	Anjali K. Khadse	Anjali K. Khadse	Anjali K. Khadse	Anjali K. Khadse	Anjali K. Khadse	Anjali K. Khadse	Anjali K. Khadse	Anjali K. Khadse				
66. Ananksha Ghodsewar	Ananksha Ghodsewar	Ananksha Ghodsewar	Ananksha Ghodsewar	Ananksha Ghodsewar	Ananksha Ghodsewar	Ananksha Ghodsewar	Ananksha Ghodsewar	Ananksha Ghodsewar				
67. Ishika S. Barnage	Ishika S. Barnage	Ishika S. Barnage	Ishika S. Barnage	Ishika S. Barnage	Ishika S. Barnage	Ishika S. Barnage	Ishika S. Barnage	Ishika S. Barnage				
68. Ujjwala R. Thakre	Ujjwala R. Thakre	Ujjwala R. Thakre	Ujjwala R. Thakre	Ujjwala R. Thakre	Ujjwala R. Thakre	Ujjwala R. Thakre	Ujjwala R. Thakre	Ujjwala R. Thakre				
69. Adarsh S. Morghare	Adarsh S. Morghare	Adarsh S. Morghare	Adarsh S. Morghare	Adarsh S. Morghare	Adarsh S. Morghare	Adarsh S. Morghare	Adarsh S. Morghare	Adarsh S. Morghare				
70. Kalpani S. Kallhe	Kalpani S. Kallhe	Kalpani S. Kallhe	Kalpani S. Kallhe	Kalpani S. Kallhe	Kalpani S. Kallhe	Kalpani S. Kallhe	Kalpani S. Kallhe	Kalpani S. Kallhe				
71. Sadchita shende	Sadchita shende	Sadchita shende	Sadchita shende	Sadchita shende	Sadchita shende	Sadchita shende	Sadchita shende	Sadchita shende				
72. Bejal a. kakde	Bejal a. kakde	Bejal a. kakde	Bejal a. kakde	Bejal a. kakde	Bejal a. kakde	Bejal a. kakde	Bejal a. kakde	Bejal a. kakde				
73. Sakshi D. Phonde	Sakshi D. Phonde	Sakshi D. Phonde	Sakshi D. Phonde	Sakshi D. Phonde	Sakshi D. Phonde	Sakshi D. Phonde	Sakshi D. Phonde	Sakshi D. Phonde				
74. Rajat. A. Schwatkar	Rajat. A. Schwatkar	Rajat. A. Schwatkar	Rajat. A. Schwatkar	Rajat. A. Schwatkar	Rajat. A. Schwatkar	Rajat. A. Schwatkar	Rajat. A. Schwatkar	Rajat. A. Schwatkar				
75. Pallavi A. Chavhan	Pallavi A. Chavhan	Pallavi A. Chavhan	Pallavi A. Chavhan	Pallavi A. Chavhan	Pallavi A. Chavhan	Pallavi A. Chavhan	Pallavi A. Chavhan	Pallavi A. Chavhan				

Chavhan, P. D. Chavhan, P. D.



Rashtrasant Tukadoji Maharaj Nagpur University Board of Lifelong Learning and Extension



Awards this certificate to Shri/Smt./Miss. Kalyani Karmore on
Satisfactory completion of the Certificate Course in Medical Laboratory Technology
..... Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong
Learning and Extension in collaboration with Department of Biotechnology
Kamla Nehru Mahavidyalaya, Nagpur from 5th March - 20th March 2020

He/She Passed at the Examination in Grade A⁺.....

Course Co-ordinator

Principal
Kamla Nehru Mahavidyalaya,
Nagpur

Director
Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University





Rashtrasant Tukadoji Maharaj Nagpur University Board of Lifelong Learning and Extension



Awards this certificate to *Shri/Smt./Miss.* *Rupali M. Uike* on
Satisfactory completion of the *Certificate Course in Medical Laboratory Technology*
..... *Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong*
Learning and Extension in collaboration with Department of *Biochemistry*
Kamla Nehru Mahavidyalaya, Nagpur from *1st April - 15th April 2021*

He/She Passed at the Examination in Grade *A +*

Course Co-ordinator

Principal
Kamla Nehru Mahavidyalaya,
Nagpur

Director
Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University





Rashtrasant Tukadoji Maharaj Nagpur University Board of Lifelong Learning and Extension



Awards this certificate to Shri/Smt./Miss. Bhuminika B. Balanrao Lakhan on
Satisfactory completion of the Postgraduate Course in Medical Laboratory Technology
..... Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong
Learning and Extension in collaboration with Department of Biotechnology
Kamla Nehru Mahavidyalaya, Nagpur from 5th March - 20th March 2020

He/She Passed at the Examination in Grade B


Course Co-ordinator


Principal
Kamla Nehru Mahavidyalaya,
Nagpur


Director
Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University





Rashtrasant Tukadoji Maharaj Nagpur University Board of Lifelong Learning and Extension



Awards this certificate to Shri/Smt./Miss. Charitawaga, Chandra on
Satisfactory completion of the Certificate course in Mechanical Laboratory Technology
..... Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong
Learning and Extension in collaboration with Department of Biochemistry
Kamla Nehru Mahavidyalaya, Nagpur from 5th March - 29th March 2020

He/She Passed at the Examination in Grade A⁺.....

Course Co-ordinator

Principal
Kamla Nehru Mahavidyalaya,
Nagpur

Director
Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University





Rashtrasant Tukadoji Maharaj Nagpur University Board of Lifelong Learning and Extension



Awards this certificate to Shri/Smt./Miss. *Komal Ladke* ON
Satisfactory completion of the *Certificate Course in medical Laboratory Technology*
..... Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong
Learning and Extension in collaboration with Department of *Biochemistry*
5th march - 20th march 2020
Kamla Nehru Mahavidyalaya, Nagpur from

He/She Passed at the Examination in Grade *B*

Course Co-ordinator

Principal
Kamla Nehru Mahavidyalaya,
Nagpur

Director
Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University





Rashtrasant Tukadoji Maharaj Nagpur University Board of Lifelong Learning and Extension



Awards this certificate to Shri/Smt./Miss. Lukeshi Rajesh Amle on
Satisfactory completion of the Certificate course in medical laboratory Technology
..... Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong
Learning and Extension in collaboration with Department of Biochemistry
Kamla Nehru Mahavidyalaya, Nagpur from 5th march - 20th march 2020

He/She Passed at the Examination in Grade A⁺.....


Course Co-ordinator


Principal
Kamla Nehru Mahavidyalaya,
Nagpur


Director
Dept. of Lifelong Learning and extension
R.T.M. Nagpur University



Kamla Nehru Mahavidyalaya, Nagpur

Department of Biochemistry

Certificate Course in Skilled Based on Medical Laboratory Technology (2019-2020)

(Under Jeevan Shiksha Anhiyan on No Grant Basis)

Biochemistry is a subject having vast potential in almost all fields of sciences. It is the subject deals with entire biological system and diagnostics is an integral part of it. Clinical Diagnosis is a vertical which helps physicians to detect, treat efficiently to every ailments. For detection, analysis a biochemistry graduate can be a great asset to an organization which works in the field of diagnosis. However, in addition to theoretical knowledge student must have expertise in handling and analysis of biological samples. In view of developing such skills to students of Biochemistry, Department of Biochemistry, Kamla Nehru Mahavidyalaya, Nagpur organizes 15 days **Skilled based certificate course on Medical Laboratory Technology**. This course is approved Under Jeevan Shiksha Anhiyan by Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur.

Objectives:

In order to develop skills the program was designed with following objectives

- 1) Introduction to important segments of diagnosis
- 2) Detailed explanation of clinical Biochemistry, Pathology
- 3) Overview of Basic microbiological techniques
- 4) Outline of Immunological techniques
- 5) Basic exposure to phlebotomy

Syllabus

- **Pathology**
Introduction, Human Blood Group Antigen, Abo Blood Group System And Incompatibility, Rh Blood Group And Incompatibility Antigen Coagulant
Practical
Abo Blood Group Slide Technique And Cross Matching
- **Clinical Pathology** .
Introduction
Practical
Urine Analysis Physical Chemical
Microscopic
Sugar Albumin, Bile Salt
- **Heamatology**
Estimation Of Hemoglobin, Hemocytometer (Sahlis Method), Serum / Plasma (Centrifugation)
Practical
TLC, DLC

- **Microbiology**
History, Microbes And Their Classification, Study Of Microscope Culture And Identification, Sterilization And Disinfection
Practical
Common Laboratory Equipment And Uses, Microscope, Incubator, Hot Air Oven Autoclave, Anaerobic Culture Inoculation
- **Clinical Microbiology**
Normal Flora Of Human Body, Septicemia, Pyaemia, Food Poisoning, Opportunistic Infection
Practical
Staining Techniques, Simple Stain, Gram Stain, Acid Fast Staining
Antibiotic Sensitivity
- **Biochemistry**
Introduction To Carbohydrate, Fats, Amino Acids, Proteins
Practical
Test For Carbohydrates
Test For Proteins And Amino Acids
- **Immunology**
Introduction To Immunity, Antigen And Antibody, Types Of Immunity, Antigen Antibody Reaction
Practical
Serology, Widal Test, Vdrl Test, Agglutination Test
Elisa Test
- **Parasitology**
Study Of Parasite
Practical
Detection Of Antigen/ Antibody For Malaria Parasite

Expected Outcome

Upon completion of this certificate course students are expected to develop skills such as proper handling of biological samples, ease in working with sophisticated instrumentations. They will also develop consciousness towards meticulous analysis of test samples.

Total 74 students from U.G. and PG. sections were participated in this certificate course.

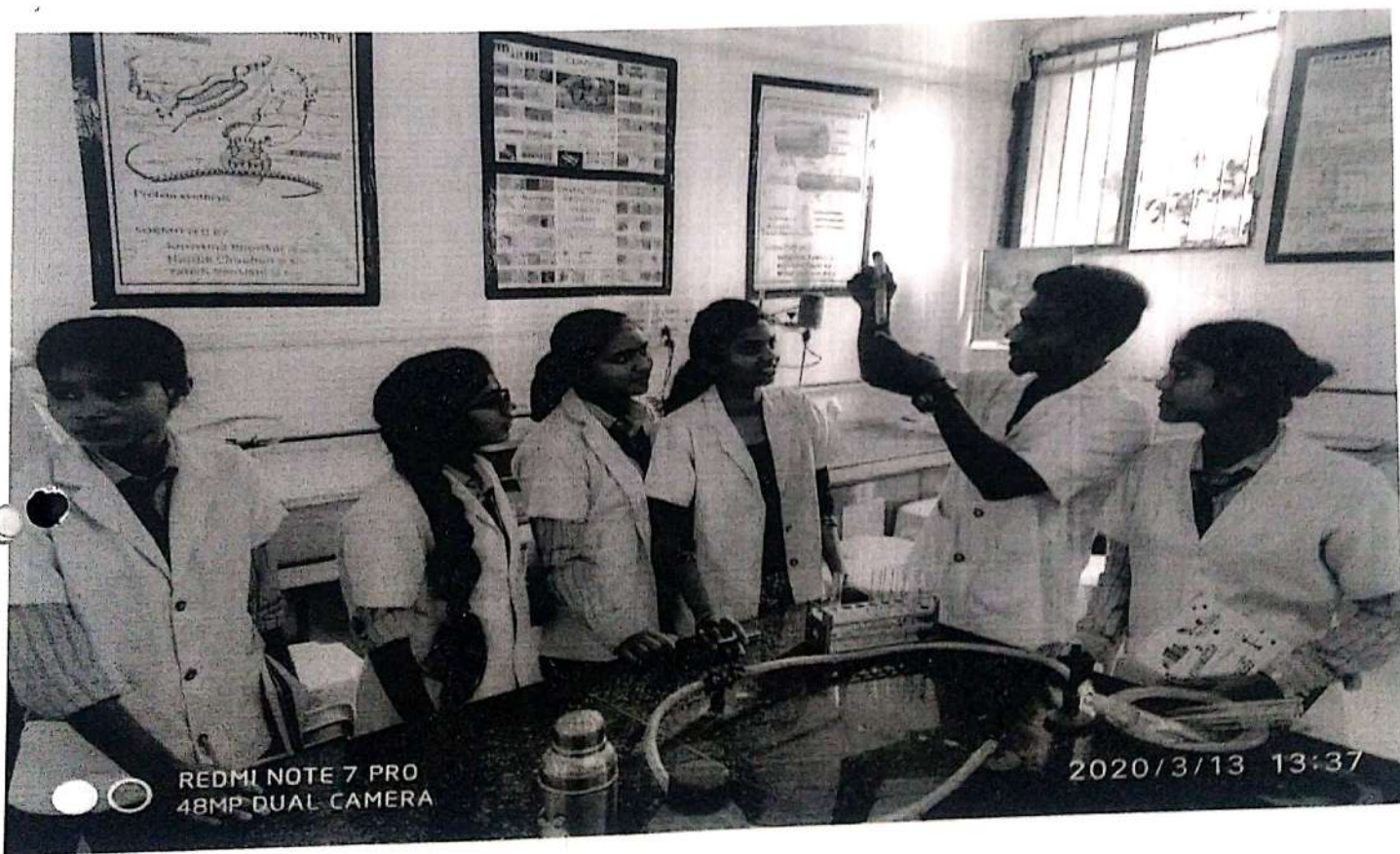

Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur


Head
Department of Biochemistry
Kamla Nehru Mahavidyalaya
Nagpur.

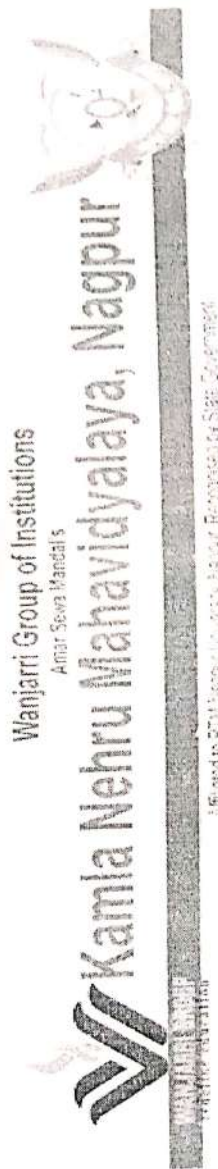
Glimpse of Certificate Course in Medical Laboratory Technology







12



Wanjarri Group of Institutions
Amar Seva Mandal's

Kama Nehru Mahavidyalaya, Nagpur

Affiliated to Pimpri Chinchwad Education Trust
Recognized by NMAC with A grade CGPA 3.00

DEPARTMENT OF MUSIC

2019-20

ORGANISING SKILL BASED CERTIFICATE COURSE
GARABA FOLK SONG FILMY NONFILMY

DATE: 16/09/2019 TO 30/09/2019

TIME: 10:15 TO 11:15a.m.
11:15 TO 12:15p.m.

VENUE: DEPARMENT OF MUSIC
KAMLA NEHRU MAHAVIDYALAYA
NAGPUR

ORGANISER
PRINCIPAL
DR.DILIP BADWAIK

COORDINATOR
HOD MUSIC
MRS. PRITI MAHAJAN

Dept.

प्राति,

प्राचार्य,

कमला नेहरू महाविद्यालय,
नागपुर.

विषय :- गरबा (Folk Song) गीत गाण्याच्या सर्टिफिकेट
कोर्स घेण्याची अनुमती देण्याबाबत.

मा. मधेदय,

मी प्रा. प्रिती महाजन (संगीत विभाग) साबितय
अर्ज करले की, गरबा हा गीतप्रकार शिकव्याची आवड
असलेल्या विद्यार्थीनवरील संगीत विभागाद्वारे गरबा (Folk
Song) याचे सर्टिफिकेट कोर्सचे आयोजन करण्याचे
ठरलेले आहे. हा कोर्स दि. 16/03/2019 ते 30/03/2019
या कालावधीमध्ये घेण्यात येईल. तरी हा कोर्स घेण्याची
अनुमती आपण आम्हाला द्यावी
ही विनंती.

धन्यवाद.

Permitted
18/1/2019
PRINCIPAL
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

आपली विश्वासू

Chitra
प्रा. प्रिती महाजन.

KAMLA NEHRU MAHAVIDYALYA
Department of Music

Skill Based Certificate Course

Session 2019-20

Syllabus (Garba)

- **Definition of Garba**
- **Information of Garba**
- **Type of Garba**
 - 1) Sanedo
 - 2) Kondoliya
 - 3) Chichoda
 - 4) Chakada
- **Tal of Garba**
 - 1) Dadara
 - 2) Tintaal

Pratik

KAMLA NEHRU MAHAVIDYALAYA
DEPARTMENT OF MUSIC
SESSION 2019-20
SKILL BASED CERTIFICATE COURSE
TIME TABLE

DAY	SESSION -I	SESSION-II
Monday	10:15 To 11:15	11:15 To 12:15
Tuesday	10:15 To 11:15	11:15 To 12:15
Wednesday	10:15 To 11:15	11:15 To 12:15
Thursday	10:15 To 11:15	11:15 To 12:15
Friday	10:15 To 11:15	11:15 To 12:15
Saturday	10:15 To 11:15	11:15 To 12:15


Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur.

KAMLA NEHRU MAHAVIDYALAY

Dept of Music

Session 2019-2020

Skill Base Certificates Course

Attendance File

r. no.	Name of Student	16/9/19	17/9	18/9	19/9	20/9	21/9	22/09	23/09	24/09	25/09	26/09	27/09	28/09	30/9
1	Araya desh pande	Ayda	Ayda	Ayda	Ayda	Ayda	Ayda	Ayda	Ayda	Ayda	Ayda	Ayda	Ayda	Ayda	Ayda
2	Yogita shendre	Y.P. Shendre	Y.P. Shendre	Y.P. Shendre	Y.P. Shendre	Y.P. Shendre	Y.P. Shendre	Y.P. Shendre	Y.P. Shendre	Y.P. Shendre	Y.P. Shendre	Y.P. Shendre	Y.P. Shendre	Y.P. Shendre	Y.P. Shendre
3	Akansha telange	Akansha	Akansha	Akansha	Akansha	Akansha	Akansha	Akansha	Akansha	Akansha	Akansha	Akansha	Akansha	Akansha	Akansha
4	Fija shekh	Fija	Fija	Fija	Fija	Fija	Fija	Fija	Fija	Fija	Fija	Fija	Fija	Fija	Fija
5	Gauri bokde	Gauri	Gauri	Gauri	Gauri	Gauri	Gauri	Gauri	Gauri	Gauri	Gauri	Gauri	Gauri	Gauri	Gauri
6	Achal waghmare	Achal	Achal	Achal	Achal	Achal	Achal	Achal	Achal	Achal	Achal	Achal	Achal	Achal	Achal
7	Hemlata baitule	Hemlata	Hemlata	Hemlata	Hemlata	Hemlata	Hemlata	Hemlata	Hemlata	Hemlata	Hemlata	Hemlata	Hemlata	Hemlata	Hemlata
8	Nilakshi bhujbal	Nilakshi	Nilakshi	Nilakshi	Nilakshi	Nilakshi	Nilakshi	Nilakshi	Nilakshi	Nilakshi	Nilakshi	Nilakshi	Nilakshi	Nilakshi	Nilakshi
9	Vaishali kashti	Vaishali	Vaishali	Vaishali	Vaishali	Vaishali	Vaishali	Vaishali	Vaishali	Vaishali	Vaishali	Vaishali	Vaishali	Vaishali	Vaishali
10	Asit gadpayle	Asit	Asit	Asit	Asit	Asit	Asit	Asit	Asit	Asit	Asit	Asit	Asit	Asit	Asit
11	Prachi chavke	Prachi	Prachi	Prachi	Prachi	Prachi	Prachi	Prachi	Prachi	Prachi	Prachi	Prachi	Prachi	Prachi	Prachi
12	Ravina devhare	Ravina	Ravina	Ravina	Ravina	Ravina	Ravina	Ravina	Ravina	Ravina	Ravina	Ravina	Ravina	Ravina	Ravina
13	Samiksha padole	Samiksha	Samiksha	Samiksha	Samiksha	Samiksha	Samiksha	Samiksha	Samiksha	Samiksha	Samiksha	Samiksha	Samiksha	Samiksha	Samiksha
14	Yamini rakhunde	Yamini	Yamini	Yamini	Yamini	Yamini	Yamini	Yamini	Yamini	Yamini	Yamini	Yamini	Yamini	Yamini	Yamini
15	Vaishanvi sananse	Vaishanvi	Vaishanvi	Vaishanvi	Vaishanvi	Vaishanvi	Vaishanvi	Vaishanvi	Vaishanvi	Vaishanvi	Vaishanvi	Vaishanvi	Vaishanvi	Vaishanvi	Vaishanvi
16	Mahima falka	Mahima	Mahima	Mahima	Mahima	Mahima	Mahima	Mahima	Mahima	Mahima	Mahima	Mahima	Mahima	Mahima	Mahima
17	Priya wankhede	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya
18	Minal rinaet	Minal	Minal	Minal	Minal	Minal	Minal	Minal	Minal	Minal	Minal	Minal	Minal	Minal	Minal
19	Gita dongre	Gita	Gita	Gita	Gita	Gita	Gita	Gita	Gita	Gita	Gita	Gita	Gita	Gita	Gita
20	Tejaswini dhomne	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini
21	Vaishanvi nimbalkar	Vaishanvi	Vaishanvi	Vaishanvi	Vaishanvi	Vaishanvi	Vaishanvi	Vaishanvi	Vaishanvi	Vaishanvi	Vaishanvi	Vaishanvi	Vaishanvi	Vaishanvi	Vaishanvi
22	Akansha puppalwar	Akansha	Akansha	Akansha	Akansha	Akansha	Akansha	Akansha	Akansha	Akansha	Akansha	Akansha	Akansha	Akansha	Akansha
23	Akashay wankhede	Akashay	Akashay	Akashay	Akashay	Akashay	Akashay	Akashay	Akashay	Akashay	Akashay	Akashay	Akashay	Akashay	Akashay

[illegible]

[Signature]

Simran Mhaswade

Vasundhara Sane

Guarav Pawar

Sanjida Ansari

Praikta Mahalle



Amar Sewa Mandal's

KAMLA NEHRU MAHAVIDYALAYA

Sakkardara Square, Nagpur-440024

A+ GRADE RE-ACCREDITED BY NAAC with 3.53 CGPA



Certificate of Excellence

This is to certify that Mr. / Miss. / Mrs. Vaishnavi Nibulkar
of the Class B.A. III year

Participated in the Certificate Course Folk Song Garbas a Departmental Activity

Organized by the Department of Music Kamla Nehru Mahavidyalaya,

Nagpur On Dated 16/03/2019 to 30/03/2019

Chitra
Head of Department

Dr. Dilip Badwaik

Principal
Kamla Nehru Mahavidyalaya, Nagpur.

Adv. Abhijit Wanjarri

Secretary
Amar Sewa Mandal, Nagpur.



Amar Sewa Mandal's

KAMLA NEHRU MAHAVIDYALAYA

Sakkardara Square, Nagpur-440024

A+ GRADE RE-ACCREDITED BY NAAC with 3.53 CGPA



Certificate of Excellence

This is to certify that Mr. / Miss. / M/s. Akashay Khankhede
of the Class B. A. III year

Participated in the Certificate Course Folk song Gaatba as a Departmental Activity

Organized by the Department of Music Kamla Nehru Mahavidyalaya,

Nagpur On Dated 16/09/2019 to 30/09/2019

Swati
Head of Department

Dr. Dilip Badwaik
Principal
Kamla Nehru Mahavidyalaya, Nagpur.

Adv. Abhijit Wanjarri
Secretary
Amar Sewa Mandal, Nagpur.



Amar Sewa Mandal's

KAMLA NEHRU MAHAVIDYALAYA

Sakkardara Square, Nagpur-440024

A+ GRADE RE-ACCREDITED BY NAAC with 3.53 CGPA



Certificate of Excellence

This is to certify that Mr. / Miss. / Mrs. Arya Deshpande
of the Class B.A I year

Participated in the Certificate Course (Folk song) Garbars a Departmental Activity

Organized by the Department of MUSIC Kamla Nehru Mahavidyalaya,

Nagpur On Dated 16/03/2019 to 30/03/2019

Prate
Head of Department

Dr. Dilip Badwaik

Principal
Kamla Nehru Mahavidyalaya, Nagpur.

Adv. Abhijit Wanjarri

Secretary
Amar Sewa Mandal, Nagpur.



Amar Sewa Mandal's

KAMLA NEHRU MAHAVIDYALAYA

Sakkardara Square, Nagpur-440024

A+ GRADE RE-ACCREDITED BY NAAC with 3.53 CGPA



Certificate of Excellence

This is to certify that Mt. / Miss. / Mts. Yogila Shendare
of the Class B A T year

Participated in the Certificate Course Folk song (Gusba) as a Departmental Activity

Organized by the Department of Music Kamla Nehru Mahavidyalaya,

Nagpur On Dated 16/03/2019 to 30/03/2019

[Signature]
Head of Department

[Signature]
Dr. Dilip Badwaik
Principal
Kamla Nehru Mahavidyalaya, Nagpur.

[Signature]
Adv. Abhijit Wanjarri
Secretary
Amar Sewa Mandal, Nagpur.



Amar Sewa Mandal's

KAMLA NEHRU MAHAVIDYALAYA

Sakkardara Square, Nagpur-440024

A+ GRADE RE-ACCREDITED BY NAAC with 3.53 CGPA



Certificate of Excellence

This is to certify that Mr. / Miss. / Mrs. Asif Gadpayale
of the Class B.A. II year

Participated in the Certificate Course Folk song (Garba) as a Departmental Activity

Organized by the Department of Music Kamla Nehru Mahavidyalaya,

Nagpur On Dated 16/09/2019 to 30/09/2019

P. S. D. S.
Head of Department

Dr. Dilip Badwaik

Principal
Kamla Nehru Mahavidyalaya, Nagpur.

Adv. Abhijit Wanjarri

Secretary
Amar Sewa Mandal, Nagpur.

2019-20

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20MG35S1951097

To
KARISHMA BALDEV GIRADKAR
WARD NO 6, NEAR ZP SCHOOL
GANGAPUR UMRED
NAGPUR
MAHARASHTRA - 441203
PH. NO :8408837051



No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

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



This certificate is awarded to
KARISHMA BALDEV GIRADKAR
for passing the course

Entrepreneurship

with Score* 75 %



Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Apr 2020
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



*Continuous online assessment score

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



Scanned with OKEN Scanner

Roll No: NPTEL20MG31S1331495

To
AKSHAY ASHOK WASE
AT DHURKHEDA POST MANGRUD
UMRED
NAGPUR
MAHARASHTRA - 441203
PH. NO :7385124459



No. of credits recommended by NPTEL:3
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

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



This certificate is awarded to
AKSHAY ASHOK WASE
for passing the course

Financial Management for Managers

with Score* **77** %



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

Jan-Apr 2020
(12 week course)

Prof. Inderdeep Singh
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



*Continuous online assessment score

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



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20MG31S1146457

To
KARISHMA RAMU GOTMARE
PLOT NO 121, OLD KAMPTEE ROAD NEAR
HANUMAN MANDIR KALMANA VASTI, NAGPUR
NAGPUR
MAHARASHTRA-440026
PH. NO :8407966068



No. of credits recommended by NPTEL:3
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

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



This certificate is awarded to
KARISHMA RAMU GOTMARE
for passing the course

Financial Management for Managers

with Score* 71 %



Vinil

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

Jan-Apr 2020
(12 week course)

Inderdeep Singh

Prof. Inderdeep Singh
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



*Continuous online assessment score

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



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20MG35S1806279

To
ANKITA RAJESH GUPTA
SAI NAGAR PREAM NAGAR SHANTI NAGAR
NAGPUR
NAGPUR
MAHARASHTRA-440002
PH. NO :7083004996



No. of credits recommended by NPTEL:3
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

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



This certificate is awarded to
ANKITA RAJESH GUPTA
for passing the course
Entrepreneurship

with Score* 66 %



Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Apr 2020
(12 week course)

Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



*Continuous online assessment score

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



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20MG31S1615463

To
NIKHIL DILIP DAHARWAL
NEAR BANK OF INDIA WARD NO. 01
AT+POST HIWARA BAZAR
NAGPUR
MAHARASHTRA - 441401
PH. NO :9922883384



No. of credits recommended by NPTEL:3
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

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



This certificate is awarded to
NIKHIL DILIP DAHARWAL
for passing the course

Financial Management for Managers

with Score* 76 %



Vinod

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

Jan-Apr 2020
(12 week course)

Inderdeep Singh

Prof. Inderdeep Singh
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



*Continuous online assessment score

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



Kamla Nehru Mahavidyalaya, Nagpur

Music Department

Session 2019-20

SKILL BASED CERTIFICATE COURSE

Aim:

To provide detailed information about different kinds of songs (Folk song, Filmy & non-filmy) and specially give technical knowledge about famous Garba Songs. How to sing & how to perform?

Actual Project:

Nowadays the Music Department of Kamla Nehru College is playing a leading role in providing various kinds of project to students. And through this Garba workshop 2019-20, Music Dept gave the opportunity to all students who are willing to make their carrier in stage culture. Through the above mentioned workshop Mr. Pranay Kuthe the guest Lecturer one of the famous singer & performer in the same sector has motivated all students by sharing his valuable knowledge & delivered an awesome speech in the session.

Mr. Pranay Kuthe has made this workshop so interesting that the students got completely engaged with this training.

This session had taken a place from 16-09-2019 to 30-09-2019. (30 Hrs)

Outcome:

Throughout this session students got aware about the special folk song type "Garba" and seem to be determinant about singing & performing it on stage, as per our motive for their earning purpose.

Beneficiaries:

Total 58 students, from Music dept & from other departments got benefited by this workshop.



Principal

Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur



Kamla Nehru Mahavidyalaya, Nagpur

Affiliated to RTM Nagpur University, Nagpur, Recognised by State Government

Re-accredited by NAAC with (A+) grade (CGPA 3.53)

ISO 9001:2015 and 14001:2015 Certified



Amar Seva Mandal's



Department of Commerce

Organised Value Added Course On

Marketing Management

From 19/08/2019 to 12/02/2020 in batches

Course Co- Ordinator

Dr. Ninad N. Kashikar

Assistant Professor

**Kamla Nehru Mahavidyalaya
Nagpur**

Session 2019-2020



Kamla Nehru Mahavidyalaya, Nagpur

Department of Biotechnology
Session 2019-20

Course Schedule

Certificate Course

Start Date: Feb 10, 2020

Course Title	Duration
Biofertilizer formulation from agriculture waste and crop improvement through biotechnology	30 days

Notes

- For registration details contact Dr.Sandhya Moghe
- The course is for UG & PG
- Venue department of biotechnology



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY
Established by Government of Central Provinces Education Department by Notification No. 511 dated the 1st of August, 1921 &
presently a State University governed by Maharashtra Public Universities Act, 2015 (Mah. Act No. 51 of 2015)

DEPARTMENT OF LIFELONG LEARNING AND EXTENSION

Gurunanak Bhavan, University Campus, Amravati Road, Nagpur - 440 033. Phone : 2530960
E-mail : doll_rtmnu@gmail.com

To,
The Principal
Kamla Nehru Mahavidyalaya,
Nagpur.

No.DOLLE/334/20

Dated : 25.01.2020

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, I am to inform you that your proposal has been accepted by the Department 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	Duration	No. of Candidates to be admitted	Fees to be Charged per Student	Fees to be Deposited With the Deptt.
1	Certificate Course in General Methodology	15 days	50	200/-	10%
2	Certificate Course in Biofertilizer formulation from Agricultural Waste and Crop Improvement through Biotechnology	1 Month	50	1000/-	10%
3	Certificate Course in Cookery and Food Preservation	8 Weeks	30	500/-	10%
4	Certificate Course in Agricultural Waste Management	1 Month	50	300/-	10%
5	Certificate Course in Domestic Appliances	1 Month	50	200/-	10%
6	Certificate Course in Beautification	1 Month	25	300/-	10%
7	Certificate Course in Quantitative Aptitude	12 Weeks	30	300/-	10%
8	Certificate Course in Communication Skills for the Students of Social Science	2 Weeks	50	50/-	10%

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

1. This sanction is valid for this particular Batch only.
2. Fees for the course should be charged as per the norms prescribed.
3. Expenditure on the course should be incurred as per norms.
4. Course should be started within a Month from the date of sanction. Please communicate your acceptance within a month and submit the Initial Report
5. 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

Syllabus

Module I

Introduction to different methodology of composting, fertilizer: its classification and manufacturing processes, biofertilizers and their advantages, Plant growth regulators

Module II

Introduction and scope of Plant tissue culture(PTC), Instrumentation, Media preparation & sterilization, Explant isolation and callus induction in different growth regulators combination, organogenesis and somatic embryogenesis, cytology of callus, suspension culture and production of secondary metabolites

Module III

Micropropagation, Embryo culture, Production of haploid through anther/Pollen, ovule embryo culture, Protoplast isolation and culture, Invitro plant regeneration, Hardening, establishment

Module IV

Development of transgenic plant by Agrobacterium mediated transformation. Isolation of genomic DNA, plasmid isolation, RFLP technique

PRACTICALS

1. Biofertilizer and its application.
2. Manufacturing and processing of Biofertilizer.
3. Different types of Biofertilizer.
4. Preparation of plant tissue media, sterilization- Instrumentation.
5. Isolation of different types of ex-plants.
6. Induction of callus culture.
7. Shoot tip culture technique.
8. Anther culture technique.
9. DNA isolation.
10. RFLP technique.



Amar Sewa Mandal's



KAMLA NEHRU MAHAVIDYALAYA, NAGPUR
BIOTECHNOLOGY DEPARTMENT

TIME TABLE

Sr. No.	Date	Time	Theory	Time	Practical
1.	10/02/20	10:30 to 11:30 am	Ms. Rajshree Ingle	11:30 to 2:00 pm	Ms. Mrunali Malkhede
2.	11/02/20	10:30 to 11:30 am	Ms. Mrunali Malkhede	11:30 to 2:00 pm	Ms. Rajshree Ingle
3.	12/02/20	10:30 to 11:30 am	Dr. Sarita Tiwari	11:30 to 2:00 pm	Dr. Sarita Tiwari
4.	13/02/20	10:30 to 11:30 am	Dr. Nandeshwar	11:30 to 2:00 pm	Dr. S.R. Moghe
5.	14/02/20	10:30 to 11:30 am	Dr. S.R. Moghe	11:30 to 2:00 pm	Dr. S.B. Nandeshwar
6.	15/02/20	10:30 to 11:30 am	Ms. Ashwini Mankar	11:30 to 2:00 pm	Dr. Nandeshwar
7.	17/02/20	10:30 to 2:00	Dr. Velumourgane	11:30 to 2:00 pm	Dr. Savitha Santosh
8.	18/02/20	10:30 to 11:30 am	Dr. Manikandan	11:30 to 2:00 pm	Dr. Manikandan
9.	20/02/20	10:30 to 11:30 am	Dr. Nandeshwar	11:30 to 2:00 pm	Dr. Nandeshwar
10.	22/02/20	10:30 to 11:30 am	Ms. Shweta Deote	11:30 to 2:00 pm	Mr. Vijay Harode
11.	24/02/20	10:30 to 11:30 am	Dr. Nutan Manapure	11:30 to 2:00 pm	Dr. Nutan Manapure
12.	25/02/20	10:30 to 11:30 am	Dr. Nutan Manapure	11:30 to 2:00 pm	Mr. Nishant Burade
13.	26/02/20	10:30 to 11:30 am	Dr. B.K. Sarangi	11:30 to 2:00 pm	Dr. B.K. Sarangi
14.	27/02/20	10:30 to 1:30 am	Visit to NEERI, Nagpur		

[Signature]

[Signature]

Principal
Kamla Nehru Mahavidyalaya
Sakher Road, Nagpur

Director

15.	28/02/20	10:30 to 11:30 am	Mr. Akshay Tripathi	11:30 to 2:00 pm	Mr. Akshay Tripathi
16.	29/02/20	10:30 to 11:30 am	Mr. Nikhil Meshram	11:30 to 2:00 pm	Mr. Nikhil Meshram
17.	02/02/20	10:30 to 11:30 am	Dr. Amit Bafana	11:30 to 2:00 pm	Dr. Amit Bafana
18.	03/02/20	10:30 to 11:30 am	Dr. A. Shanware	11:30 to 2:00 pm	Dr. A. Shanware
19.	04/02/20	10:30 to 11:30 am	Visit to CICR, Nagpur		
20.	05/02/20	10:30 to 11:30 am	Dr. S.B. Nandeshwar	11:30 to 2:00 pm	Ms. S.R. Moghe
21.	06/02/20	10:30 to 11:30 am	Dr. S.B. Nandeshwar	11:30 to 2:00 pm	Ms. Ashwini Mankar
22.	07/02/20	10:30 to 11:30 am	Ms. Shweta Deote	11:30 to 2:00 pm	Mr. Nishant Burade
23.	09/02/20	10:30 to 11:30 am	Mr. Vijay Harode	11:30 to 2:00 pm	MCQ test




Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

DATE :- 10th Feb 2020 - 9th May 2020

Kamala Nehru Mahavidyalaya, Nagpur
2019-2020

Kamala Nehru Mahavidyalaya, Nagpur																													
Sr. No	Name of the Student in Full	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1	Pooja M. Mesuram																												
2	Prajakta G. Jagnath																												
3	Khushabu J. Naktode																												
4	Namrata M. Panse																												
5	Aniket H. Borkar																												
6	Atul S. Kshirsagar																												
7	Prachi S. Harode																												
8	Megha G. Selokar																												
9	Ragini N. Tiwari																												
10	Kajal K. Yadav																												
11	Tanaya B. Mohite																												
12	Zeba N. Khan																												
13	Sumit P. Dhokane																												
14	Ruchita D. Darwade																												
15	Rashmi R. Rahate																												
16	Prerana S. Kasewale																												
17	Swati M. Kaikade																												
18	Mansi D. Thakre																												
19	Hema G. Tembhare																												
20	Srutika R. Gorale																												
21	Komal R. Fule																												
22	Ragini V. Deole																												
23	Preeti R. Parihar																												
24	Himangi R. More																												
25	Harsha D. Tembhare																												
26	Riya S. Thakur																												
27	Akhil A. Ghatbandhe																												
28	Aniket P. Gaikwad																												
29	Sonal S. More																												
30	Mohini V. Misar																												
31	Tejaswini N. Urkudkar																												



**RASHTRASANT TUKADOJI MAHARAJ
NAGPUR UNIVERSITY, NAGPUR.**



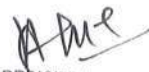
Board of Lifelong Learning and Extension

CERTIFICATE

Awards this certificate to Shri/Smt./Miss. Dr. S. B. Nandeshwar on
delivering lecture and practical demonstration on Introduction to various of the
methods of plant propagation
"Agricultural Waste Management" Certificate Course under Jeevan Shikshan Abhiyan run by
Department of Lifelong Learning and Extension in collaboration with Department of Environmental
Science, Kamla Nehru Mahavidyalaya, Nagpur from 23rd March, 2019 to 15th April, 2019

He/She passed at the Examination in Grade _____


COURSE CO-ORDINATOR
Department of Environmental Science
Kamla Nehru Mahavidyalaya, Nagpur


PRINCIPAL
Kamla Nehru Mahavidyalaya, Nagpur


DIRECTOR
Dept., of Lifelong Learning and Extension,
R.T.M. Nagpur University, Nagpur

Director



**RASHTRASANT TUKADOJI MAHARAJ
NAGPUR UNIVERSITY, NAGPUR.**



Board of Lifelong Learning and Extension

CERTIFICATE

Awards this certificate to Shri/Smt./K^y. Harshada Dattaj Koteange on
satisfactory completion of the *"Biofertilizer formulation from agricultural waste and crop
improvement through Biotechnology"* Certificate Course under Jeevan Shikshan Abhiyan run
by Department of Lifelong Learning and Extension in collaboration with Department of
Biotechnology, Kamla Nehru Mahavidyalaya, Nagpur from 23rd March, 2019 to 15th April, 2019

He/She passed at the Examination in Grade A


COURSE CO-ORDINATOR

Department of Biotechnology
Kamla Nehru Mahavidyalaya, Nagpur


OFFICIATING PRINCIPAL
Kamla Nehru Mahavidyalaya,
Nagpur
PRINCIPAL
Kamla Nehru Mahavidyalaya, Nagpur


DIRECTOR

Dept. of Lifelong Learning and Extension,
R.T.M. Nagpur University, Nagpur



**RASHTRASANT TUKADOJI MAHARAJ
NAGPUR UNIVERSITY, NAGPUR.**



Board of Lifelong Learning and Extension

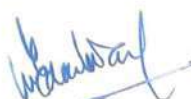
CERTIFICATE

Awards this certificate to Shri/Smt./Miss. Dr. A. S. Darokar on
delivering lecture and practical demonstration on Biofertilizer and their of the
advantages, plant growth regulator
"Agricultural Waste Management" Certificate Course under Jeevan Shikshan Abhiyan run by
Department of Lifelong Learning and Extension in collaboration with Department of Environmental
Science, Kamla Nehru Mahavidyalaya, Nagpur from 23rd March, 2019 to 15th April, 2019

He/She passed at the Examination in Grade _____


COURSE CO-ORDINATOR
Dept. of Environmental Science
Kamla Nehru Mahavidyalaya, Nagpur


PRINCIPAL
Kamla Nehru Mahavidyalaya, Nagpur


DIRECTOR
Dept. of Lifelong Learning and Extension,
R.T.M. Nagpur University, Nagpur

Report

AIM: certificate course on "Biofertilizer formulation from agricultural waste and crop improvement through Biotechnology"

Beneficiary: 38 students

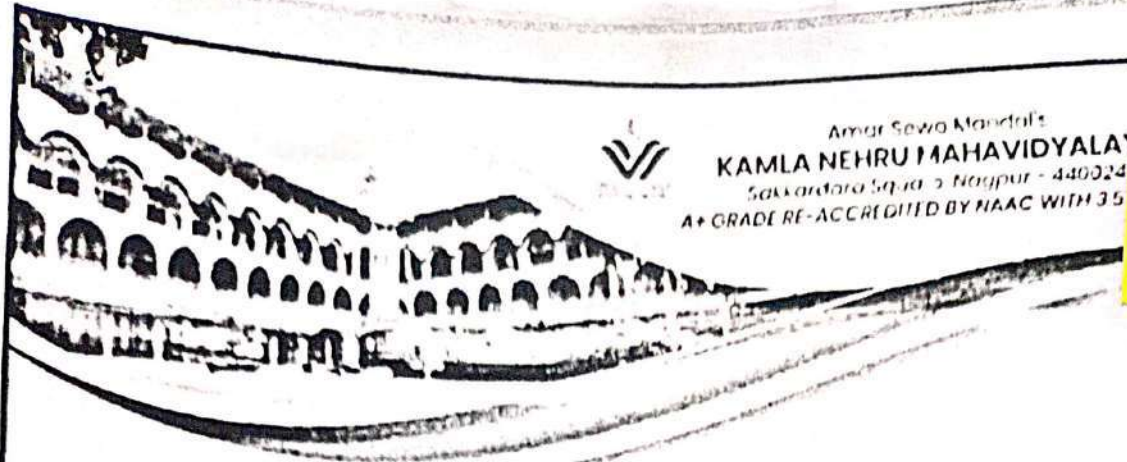
Details: One month certificate course on "Biofertilizer formulation from agricultural waste and crop improvement through Biotechnology" under Jeevan Shikshan Abhiyan run by Department of Lifelong Learning and Extension in collaboration with Department of Biotechnology, Kamla Nehru Mahavidyalaya, Nagpur was organized from 10th February, 2020 to 9th March, 2020. The aim of the certificate was to develop integrated and environmentally sound agriculture waste management practices and to train the participants with advance techniques which are demanding in Plant Tissue Culture Industries & Research. The syllabus of this certificate course includes Introduction to different methodology of composting, biofertilizers and their advantages, Introduction and scope of Plant tissue culture(PTC), Instrumentation, Micropropagation, Embryo culture, Development of transgenic plant by Agrobacterium mediated transformation, Isolation of genomic DNA, plasmid isolation, RFLP technique etc., and related practical's and visit to research institutes like NEERI & CICR. Participants also get benefited by different subject scientific experts through their lectures and experimental demonstration.

Outcome: All students get benefited by hands on training on tissue culture techniques and solid waste management practices. Also get to know green technology for bio fertilizer production.

ertificate course in Biofertilizer Formulation from agricultural waste and crop
improvement through Biotechnology

Session 2019-20





Department of English Index

Value Added Program

Sr No	Name of the Course	Session	Date	Particular
01	Language Etiquettes and Manners in Student's life	2021-2022	11 Aug 2021 to 18 Sep 2021	1. Application 2. Notice 3. Syllabus 4. Report 5. Attendance 6. Certificate
02	Language and Ethics while using Social Media Platform	2021-2022	18 Aug 2021 to 18 Sep 2021	1. Application 2. Notice 3. Syllabus 4. Report 5. Attendance 6. Certificate
03	Business and Corporate Communication Skills and Drafting	2021-2022	11 Aug 2021 to 18 Sep 2021	1. Application 2. Notice 3. Syllabus 4. Report 5. Attendance 6. Certificate

Date: 02 Aug 2021

To,

The Principal

Kamla Nehru Mahavidyalaya,

Sakkadara Square, Nagpur

Subject: To get the permission for conducting the 30 days Value Added Program on 'Language and Ethics while using Social Media Platform'

Respected Sir,

Every year the Department of English conducts Value Added Program for the graduate students. For this session 2021-2022 department has decided to conduct the 30 days VAP on 'Language and Ethics while using Social Media Platform', the schedule is as below your kind information.

- Date: 11 Aug 2021 to 18 Sep 2021
- Time 10.00 to 12.00pm
- Place: Room No 101
- Teacher: Prof. Shrutika Takone

It is kind request to give permission to conduct the Value Added Program and make availability of the room and the staff.

Thanking you.

Permitted
2/8/2021

Dr Sandhya Jain,
HoD

Department of English
Kamla Nehru Mahavidyalaya,
Nagpur



AMAR SEWA MANDAL'S (Regd No. 11/220/75 NGP) 1 2297 (M)
KAMLA NEHRU MAHAVIDYALAYA
(ARTS, COMMERCE & SCIENCE)

SAKKARDARA CHOWK, NAGPUR-440 024 • Ph : (0712) 2747853, 2747854, 2742308, 2749704
fax : (0712) 2747853 • e-mail : knm@rediffmail.com • website : www.kamla-nehru.org.in



DR. (Smt.) SUHASINI G. WANJARI President AGT. ABHJIT G. WANJARI Secretary DR. DILIP S. BADWAIK Principal

KNM/ DOE/2021-22

Date : 02 / Aug / 2021

Notice

Value Added Program on

"Language And Ethics While Using Social Media Platform"

All the students are hereby informed that Department of English of Kamla Nehru Mahavidyalaya, Nagpur is going to organize Value Added Program on "Language and Ethics While Using Social Media Platform". The mentioned program will start from 11th August 2021 and last up to 18th September 2021, the timings will be 10:15 am to 11:15 am. Interested candidates are asked to register by 09th August 2021.


HOD
Department of English
Kamla Nehru Mahavidyalaya,
Nagpur


PRINCIPAL
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

**Value Added Program on
Language and Ethics while using Social Media Platform
2021-2022**

Coordinator – Prof. Shruti Takone

Sr No	Topic	Date	Time
1.	Introduction of Social Media	11 Aug 2021	10.15
2.	Types of Social Media	12 Aug 2021	10.15
3.	How Social Media Is Important	13 Aug 2021	10.15
4.	Are Social Media platforms safe to use	14 Aug 2021	10.15
5.	What are the laws about Social Media	17 Aug 2021	10.15
6.	How can I be safer online	18 Aug 2021	10.15
7.	Ethics of Social Media : i)Transparency ii) Respect	20 Aug 2021	10.15
8.	Ethics of Social Media : iii)Responsibility iv)Authenticity v) Accountability	21 Aug 2021	10.15
9.	Social Media Language	23 Aug 2021	10.15
10.	The impact of Social Media language on the current generation	24 Aug 2021	10.15
11.	How Social Media language create a sense of community	25 Aug 2021	10.15
12.	Use of Social Media language In Political discourse	26 Aug 2021	10.15
13.	Influence of Social Media language on mental health	27 Aug 2021	10.15
14.	Ethics of Social Media	28 Aug 2021	10.15
15.	Using the right email or testing services	30 Aug 2021	10.15
16.	Oversharing client information in online forums when requesting referrals	31 Aug 2021	10.15
17.	Messy Email	01 Sept 2021	10.15
18.	Texting boundaries	02 Sept 2021	10.15
19.	Using client reviews on websites	03 sept 2021	10.15
20.	Ethics and the Five Deadly Sins of Social Media : i) Unreported Endorsements ii) Improper Anonymity iii) Compromising Consumer Privacy	04 Sept 2021	10.15
21.	iv) Overly Enthusiastic Employees v) Using the online community for free work	06 Sept 2021	10.15
22.	Social Media ethics in the work place	07 Sept 2021	10.15
23.	Cyberbullying	08 Sept 2021	10.15
24.	Stereotypes and Biases	09 Sept 2021	10.15
25.	Digital Detox	13 Sept 2021	10.15
26.	Digital footprint	14 Sept 2021	10.15
27.	The harm of hate speech	15 Sept 2021	10.15
28.	How Social Media can shape our identities	16 Sept 2021	10.15
29.	The impact of Social Media on Online Education	17 Sept 2021	10.15
30.	How to use Social Media for learning	18 Sept 2021	10.15


HOD
Department of English
Kamla Nehru Mahavidyalaya,
Nagpur


PRINCIPAL
Kamla Nehru Mahavidyalaya
Bekkardara Chowk, Nagpur

2021-2022

HOD
Department of English
Jawahar Nehru Mahavidyalaya,
Nagpur

**Kamla Nehru Mahavidyalaya,
Baktardara Chowk, Nagpur**

Language and Ethics While using Social Media Platform

HOD
Department of English
Kamla Nehru Mahavidyalaya,
Nagpur

Kamla Nehru Mahavidyalaya
Bakardara Chowk, Nagpur

Value Added Program on
Language and Ethics While using Social Media Platform

[illegible]

Department of English
Kamla Nehru Mahavidyalaya,
Nagpur

Abdulla Yousuf Ali
Bakhtawar Chaudhary

PRINCIPAL
Kamla Nehru Mahavidyalay.
Bakardara Chowk. Nagpur.

Language and Ethics While using Social Media

[illegible]

HOD
Department of English
Kamla Nehru Mahavidyalaya,
Nagpur

PRINCIPAL
Kamla Nehru Mahavidyalaya
Bakkardera Chowk. Nagpur



KAMLA NEHRU MAHAVIDYALAYA
Sakkardara Square, Nagpur - 440024.
A+ GRADE RE-ACCREDITED BY NAAC WITH 3.53 CGPA

CERTIFICATE

This is to certify that

Miss Sakshi Naresh Damabe
BA - II

has successfully completed the Value Added Program on
'Language and Ethics while using Social Media Platform'
conducted from 11 Aug 2021 to 18 Sep 2021

ADV. ABHIJIT WANJARRI
Secretary
Amar Sowa Mandal Nagpur

DR. SMEETAA A. WANJARRI
Treasurer
Amar Sowa Mandal

DR. DILIP BADWAIK
Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

DR. SANDHYA JAIN
Department of English
K.N.M., Nagpur.



Amar Sewa Mandal's
KAMLA NEHRU MAHAVIDYALAYA
Sakkardara Square, Nagpur - 440024.
A+ GRADE RE-ACCREDITED BY NAAC WITH 3.53 CGPA



CERTIFICATE

This is to certify that

Master Saugrabh Ishwar Hande
BA - II

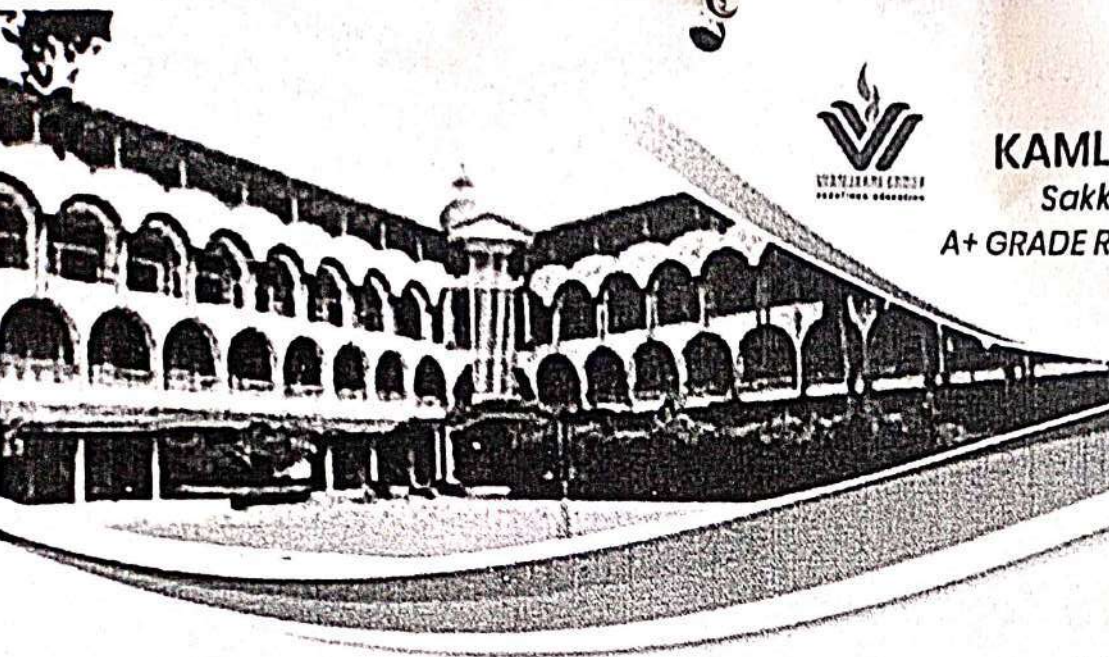
has successfully completed the Value Added Program on
'Language and Ethics while using Social Media Platform'
conducted from 11 Aug 2021 to 18 Sep 2021


ADV. ABHIJIT WANJARRI
Secretary


DR. SMEET A. WANJARRI
Treasurer
Amar Sewa Mandal


DR. DILIP BADWAIK
Principal
Kamla Nehru Mahavidyalaya
Amar Sewa Mandal


DR. SANDHYA JAIN
Department of English



Amar Sowa Mandal's
KAMLA NEHRU MAHAVIDYALAYA
Sakkardara Square, Nagpur - 440024.
A+ GRADE RE-ACCREDITED BY NAAC WITH 3.53 CGPA



CERTIFICATE

This is to certify that

Master Rohit Kanhaiya Meshram
BA-II

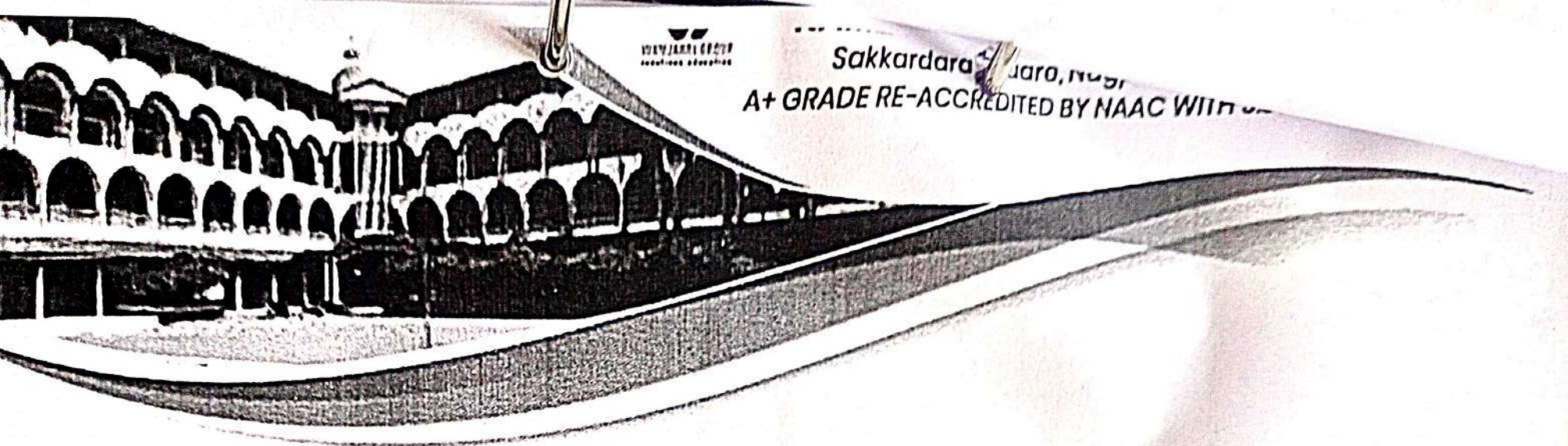
has successfully completed the Value Added Program on
'Language and Ethics while using Social Media Platform'
conducted from 11 Aug 2021 to 18 Sep 2021


ADV. ABHIJIT WANJARRI
Secretary
Amar Sowa Mandal Nagpur


DR. SMEETAA A. WANJARRI
Treasurer
Amar Sowa Mandal


DR. DILIP BADWAIK
Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur


DR. SANDHYA JAIN
Department of English
K.N.M., Nagpur.



Sakkardara Chowk, Nagpur
A+ GRADE RE-ACCREDITED BY NAAC WITH

CERTIFICATE

This is to certify that

Miss Pinki Amit Madhode

BA - II

has successfully completed the Value Added Program on

‘Language and Ethics while using Social Media Platform’

conducted from 11 Aug 2021 to 18 Sep 2021


ADV. ABHIJIT WANJARRI
Secretary
Amar Sewa Mandal Nagpur


DR. SMEETAA A. WANJARRI
Treasurer
Amar Sewa Mandal


DR. DILIP BADWAIK
Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur


DR. SANDHYA JAIN
Department of English
K.N.M., Nagpur.



AMAR SEWA MANDAL'S (Regd No. 11/270/2810P/12277 (U))
KAMLA NEHRU MAHAVIDYALAYA
(ARTS, COMMERCE & SCIENCE)
SAKARDARA CHOWK, NAGPUR-440 024 • Ph : (0712) 2747853, 2747854, 2742308, 2749784
Fax : (0712) 2747853 • e-mail : karmaveer@rediffmail.com • website : www.kamlahehru.ac.in

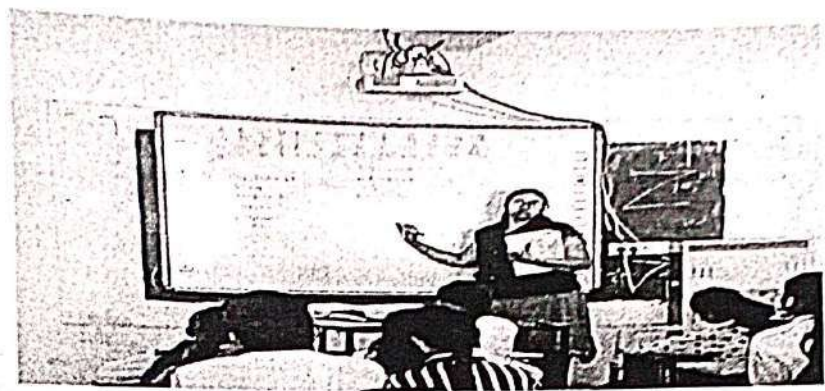


DR. (Smt.) SUHASINI G. WANJARI President Adv. ABHJIT G. WANJARI Secretary DR. DILIP S. BADWAIK Principal

KNM/ DOE/2021-22

Date: 22, Sep, 2021

Report
Value Added Program on
"Language And Ethics While Using Social Media Platform"



Academic Session : 2021-2022

Duration : 30 days (1 hr/day)

Aim: To learn language and ethics while using Social Media Platform.

Objective : To determine an individual's skill to succeed in a given program.

Department of English organized Value Added Course on "Language and Ethics While Using Social Media Platform" The sessions were conducted offline for under graduate students for 30 days from 11th August 2021 and last up to 18th September 2021. Total 125 students registered for the program. The program was concluded after successful presentation of the students.

Outcome: The program helped students gain knowledge to make themselves a better user of language and ethics on any Social Media platform.


HOD
Department of English
Kamla Nehru Mahavidyalaya,
Nagpur


PRINCIPAL
Kamla Nehru Mahavidyalaya
Sakardara Chowk Nagpur

Kamla Nehru Mahavidyalaya, Nagpur
Affiliated to RTM Nagpur University, Nagpur, Recognised by State Government
Re-accredited by NAAC with (A+) grade (CGPA 3.53)

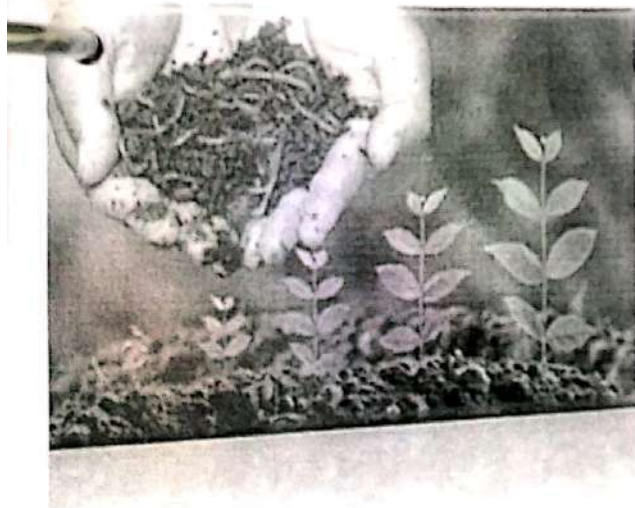
Department of Zoology IS ORGANIZING

Short term certificate course on

Vermicomposting



The course is conducted offline



CONVENOR

Dr. D. R. Saxena
Head of Zoology Department

DATE

4/03/2020 - 24/03/2020

**Unveiling the Magic of Vermicomposting – A Commitment Towards
Sustainability**

Kamla Nehru Mahavidyalaya, Nagpur
Department of Zoology
Session 2019-2020

To,
The Principal,
Kamla Nehru Mahavidyalaya,
Sakkardara, Nagpur

Subject: Grant permission for conducting short term certificate course.

Respected Sir,

Department of Zoology, Kamla Nehru Mahavidyalaya will conduct a short term certificate course on "Vermicomposting" from 04/03/20 to 24/03/20 for the session 2019-2020. Please grant us the permission.

Permitted
29/2/2020
PRINCIPAL
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

VERMITECHNOLOGY (VERMICOMPOSTING &
VERMICULTURE)

SYLLABUS

INDEX

- INTRODUCTION
- COMPOSTING WORMS
- METHOD OF VERMICOMPOSTING
 - Preparing the Container
 - Maintenance of Container
- IDEAL CONDITION NEEDED
- OPTIMUM ENVIRONMENTAL CONDITIONS
- p^H CONDITIONS
- FRIENDS AND FOES
- USING THE COMPOST MANURE
- PROBLEMS ENCOUNTERED DURING VERMICOMPOSTING &
REMEDEIS
- IMPORTANCE OF VERMICOMPOSTING

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

DEPARTMENT OF ZOOLOGY

2019-2020

Vermitechnology(vermicomposting and vermiculture)

	12:30- 1:15	1:15- 2:00
Monday	Unit I Theory (FAK)	Unit II Theory (LVK)
Tuesday	Unit III Theory (ANL)	
Wednesday	Unit III Theory (ANL)	
Thursday	Practical (DRS)	
Friday	Practical (DRS)	
Saturday	Unit I Theory (FAK)	Unit II Theory (LVK)

DRS- Dr. D. R. Saxena

FAK- Ms. F A. Karim

LVK- Mrs. L V. Kharwade

ANL- Dr. A. N. Lonkar

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

DEPARTMENT OF ZOOLOGY

2019-2020

Vermitechnology(vermicomposting and vermiculture)

Time table

	12:00- 1:00	1:00- 2:00
Monday	Unit I Theory (FAK)	Unit II Theory (LVK)
Tuesday	Unit III Theory (ANL)	
Wednesday	Unit III Theory (ANL)	
Thursday	Practical (DRS)	
Friday	Practical (DRS)	
Saturday	Unit I Theory (FAK)	Unit II Theory (LVK)

DRS- Dr. D. R. Saxena

FAK- Ms. F A. Karim

LVK- Mrs. L. V. Kharwade

ANL- Dr. A. N. Lonkar

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR
DEPARTMENT OF ZOOLOGY

Session: 2019-2020

Vermitechnology(vermicomposting and vermiculture)

Sr. No.	Name of Students	4/3	6/3	7/3	9/3	10/3	11/3	13/3	14/3	16/3	17/3	19/3	20/3	21/3	23/3	24/3
1.	Aditi Uparwar	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
2.	Ankita Thakre	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
3.	Chaitali Manapure	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
4.	Nikita Dongre	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P
5.	Nileshwari Malghate	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
6.	Pranali Atkari	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
7.	Pratiksha Kadoo	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
8.	Rani Deshbhratar	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P
9.	Rashika Sonwane	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
10.	Saurabh Thakre	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11.	Suraj Gote	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12.	Pooja Pal	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
13.	Abhilasha Nagarkar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14.	Aanchal Vaidya	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
15.	Ghanshyam Tiwari	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
16.	Megha Sarve.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17.	Nikita Chakole	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18.	Payal Sawarkar	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P

19.	PrashikBansod	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
20.	PriyankaSulakhe	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
21.	RajatMorphade	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P
22.	RakshandaSahare	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23.	SweetyAmbildhuke	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P
24.	PrachiKatkar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25.	SatyavanPatle	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
26.	ShambhaviShewale	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
27.	Nayab Khan	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
28.	PraptiShamkuwar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
29.	WrushaliHattewar	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
30.	Pooja Fating	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
31.	ManaviPhule	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
32.	MansiManapure	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33.	SakshiBorkar	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
34.	MansiGujarkar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
35.	AzimShaikh	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
36.	AniketChopde	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
37.	SaurabhThawkar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
38.	RupaliParmar	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P

27.	Nayab Khan	M.Sc. SEM II	<i>As</i>
28.	PraptiShamkuwar	M.Sc. SEM II	<i>Pr</i>
29.	WrushaliHattewar	M.Sc. SEM II	
30.	Pooja S. Fating	M.Sc. SEM II	
31.	Manavi R. Fule	B.Sc. SEM IV	<i>UP Fule</i>
32.	Mansi K. Manapure	B.Sc. SEM IV	
33.	Sakshi Y. Bhorkar	B.Sc. SEM IV	
34.	Mansi M. Gujarkar	B.Sc. SEM IV	
35.	Azim Sheikh	B.Sc. SEM VI	<i>As</i>
36.	AniketChopde	B.Sc. SEM VI	
37.	SaurabhThawkar	B.Sc. SEM VI	<i>Shawkar</i>
38.	RupaliParmar	B.Sc. SEM VI	<i>Rupali</i>



KAMLA NEHRU MAHAVIDYALAYA

SAKKARDARA SQUARE, NAGPUR.

Accredited NAAC, A+ Grade (3.53)

Certificate

This is to certify that Mr. / Miss. / Smt. Aditi D. Upadwar

has successfully completed short term course on

VERMITECHNOLOGY (VERMICOMPOSTING & VERMICULTURE)

Organised by

DEPARTMENT OF ZOOLOGY

On 4/3/20 to 24/3/20

Dr. D.S. Badwaik

Principal

Kamla Nehru Mahavidyalaya, Nagpur.

Dr. D.R. Saxena

(Course Co-ordinator)

H.O.D.

Department of Zoology

Kamla Nehru Mahavidyalaya, Nagpur.





KAMLA NEHRU MAHAVIDYALAYA

SAKKARDARA SQUARE, NAGPUR.

Accredited NAAC, A+ Grade (3.53)

Certificate

This is to certify that Mr. / Miss. / Smt. Chaitali B. Manapure

has successfully completed short term course on

VERMITECHNOLOGY (VERMICOMPOSTING & VERMICULTURE)

Organised by

DEPARTMENT OF ZOOLOGY

On 4/3/20 to 24/3/20 SPR

Dr. D.S. Badwaik

Principal

Kamla Nehru Mahavidyalaya, Nagpur.

Dr. D.R. Saxena

(Course Co-ordinator)

H.O.D.

Department of Zoology

Kamla Nehru Mahavidyalaya, Nagpur.





KAMLA NEHRU MAHAVIDYALAYA

SAKKARDARA SQUARE, NAGPUR.

Accredited NAAC, A+ Grade (3.53)

Certificate

This is to certify that Mr. / Miss. / Smt. Ravi S. Deshbhratar

has successfully completed short term course on

VERMITECHNOLOGY (VERMICOMPOSTING & VERMICULTURE)

Organised by

DEPARTMENT OF ZOOLOGY

On 4/3/20 to 24/3/20

Dr. D.S. Badwaik

Principal

Kamla Nehru Mahavidyalaya, Nagpur.

Dr. D.R. Saxena

(Course Co-ordinator)

H.O.D.

Department of Zoology

Kamla Nehru Mahavidyalaya, Nagpur.





KAMLA NEHRU MAHAVIDYALAYA

SAKKARDARA SQUARE, NAGPUR.

Accredited NAAC, A+ Grade (3.53)

Certificate

This is to certify that Mr. / Miss. / Smt. Satyawan N. Patle

has successfully completed short term course on

VERMITECHNOLOGY (VERMICOMPOSTING & VERMICULTURE)

Organised by

DEPARTMENT OF ZOOLOGY

On 4/3/20 to 24/3/20

Dr. D.S. Badwaik

Principal

Kamla Nehru Mahavidyalaya, Nagpur.

Dr. D.R. Saxena

(Course Co-ordinator)

H.O.D.

Department of Zoology

Kamla Nehru Mahavidyalaya, Nagpur.



KAMLA NEHRU MAHAVIDYALAYA

SAKKARDARA SQUARE, NAGPUR.

Accredited NAAC, A+ Grade (3.53)

Certificate

This is to certify that Mr. / Miss. / Smt. Prashik N. Bausod

has successfully completed short term course on

VERMITECHNOLOGY (VERMICOMPOSTING & VERMICULTURE)

Organised by

DEPARTMENT OF ZOOLOGY

On 4/3/20 to 24/3/20

Dr. D.S. Badwaik

Principal

Kamla Nehru Mahavidyalaya, Nagpur.

Dr. D.R. Saxena

(Course Co-ordinator)

H.O.D.

Department of Zoology

Kamla Nehru Mahavidyalaya, Nagpur.



KAMLA NEHRU MAHAVIDYALAYA

DEPARTMENT OF ZOOLOGY

SESSION 2019-20

REPORT ON VERMICOMPOSTING & VERMITECHNOLOGY

OBJECTIVE-

1. To create awareness amongst student about vermicomposting and vermiculture.
2. To teach students importance of earthworm.
3. To teach student how to use waste material efficiently.

OBSERVATION-

The department of zoology organized a short term course on vermicomposting and vermiculture for U.G and P.G students. The course started on 4/03/2020 at 11:00 am 37 students joined the course. Practicals and theory classes were conducted in the department. A vermicompost bed was prepared using soil, moist cow dung, saw dust, leaves etc in an alternate fashion. Water was sprinkled and earthworm *Pheritima prostuma* was released.

Everyday care was taken to sprinkle water to protect the vermicompost bed from attack of ants etc. after 20th day finally vermicompost manure, cocoon, juvenile earthworm were harvested. Vermicompost is organic manure it was packed in plastic bags and distributed. The head and other teachers conducted the short term course for the benefit of students, it is value added course. The course concluded on 24 march 2020.

Online exam was conducted and 38 students appeared and qualified the exam, online certificate was awarded to the students.

Outcomes-

1. Student's entrepreneurs can manufacture the vermicompost manure and earthworm.
2. Earthworm are sold as bait for fishes; vermicompost manure is beneficial as it correct the texture, water holding capacity, and nutrient content like sodium, potassium humus of soil.
3. Use of vermicompost keeps plant free from disease and increased yield of agriculture, horticulture etc.
4. In many countries earthworm are used as protein food sources for animals.
5. Biomass waste disposal for humus is a problem. Vermicompost is an ideal technique to dispose, stabilizes waste, prevent spread of diseases and obtain an organic manure using earthworms.

Beneficiaries- 38 students

Kamla Nehru Mahavidyalaya, Nagpur

Affiliated to RTM Nagpur University, Nagpur, Recognised by State Government
Re-accredited by NAAC with (A+) grade (CGPA 3.53)



Amar Seva Mandal's

Department of Mathematics
Organizing
Certificate Course
2019-2020

Course Highlight

Certificate Course (45hrs.)

Date: 06/01/2020 to 30/03/2020

Topic : "Certificate Course in Quantitative Aptitude"

Course Co-Ordinator: Dr. Manjusha V. Borkar

Head, Department of Mathematics
Kamla Nehru Mahavidyalaya Nagpur

Patrons:

Hon'ble Dr. Suhasini Wanjari
President, Amar Seva Mandal
Amar seva Mandal Nagpur

Hon'ble Adv Abhijit Wanjari
MLC and Secretary, Treasure,

Organizer:
Dr. Dilip Badwaik
Principal

Hon'ble Dr. Smeeta Wanjari
Amar Seva Mandal, Nagpur

To

The Principal

Kamla Nehru Mahavidyalaya

Nagpur

Subject: Permission to conduct Certificate course in Quantitative Aptitude

Respected Sir,

This is kindly inform you that department of Mathematics going to arrange Certificate Course in Quantitative Aptitude for the session 2019-2020 of duration 3 months from 6th January to 30th March 2020.

Please give us permission for the same.

Thanking you

Yours sincerely



Principal
Kamla Nehru Mahavidyalaya
Saxkardara Chowk, Nagpur

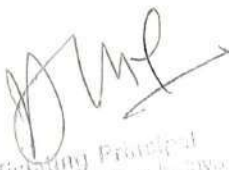
Kamla Nehru Mahavidyalaya, Nagpur

Department of Mathematics

NOTICE

All the students hereby informed that 'Certificate Course in Quantitative Aptitude' organized by Department of Mathematics ^{will} start from 23rd Sep 2019 ⁱⁿ at 9.30 am at G-3. Those who are interested, ~~to~~ submit registration form with fees 300/-. Topics to be taught

1. LCM & HCF,
2. Average,
3. Series Completion A.P. & G.P.,
4. Simplification,
5. Direction sense Test,
6. Percentage,
7. Ratio & Proportion,
8. Time & Work,
9. Problems of Ages,
10. Area Problems,
11. Time & Distance Problems,
12. Set Theory & Venn diagram,
13. Permutation & Combination
14. Probability
15. Bar diagram & Pie diagram,
16. Problems on Pattern etc.


Officiating Principal
Kamla Nehru Mahavidyalaya
Nagpur

Kamla Nehru Mahavidyalaya, Nagpur

Certificate Course in Quantitative Aptitude

By Department of Mathematics

2019-2020

Time Table

Days	Time	Class Room
Monday	9:15 – 10:30	G-3
Tuesday	9:15 – 10:30	G-3



PRINCIPAL

Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur



Signature of Head

“Certificate course in Quantitative Aptitude”

2019-20

Student Attendance

[illegible]

Department of Mathematics
"Certificate course in Quantitative Aptitude"

“Certificate course in Quantitative Aptitude”

2019-20

Student Attendance

[illegible]

"Certificate course in Quantitative Aptitude"

Student Attendance

[illegible]



Amar Sewa Mandal's

KAMLA NEHRU MAHAVIDYALAYA



(Reaccredited A* Grade with CGPA 3.53)

Sakkardara Square, Nagpur - 440024



This certificate is proudly awarded to

Ankesh Kumar Mishra

of the Class M.Sc.-Ist yr for his/her outstanding performance in the field of
certificate course in Quantitative Apt. for the session 2013-2020.

Amrit

Adv. Abhijit G. Wanjarri
MLC & Secretary
Amar Sewa Mandal, Nagpur

Surekha

Dr. Smeeta A. Wanjarri
Senate Member RTMNU &
Treasurer, Amar Sewa Mandal

Dr. Dilip S. Badwaik

Principal
Kamla Nehru Mahavidyalaya, Nagpur



Amar Sewa Mandal's

KAMLA NEHRU MAHAVIDYALAYA

(Reaccredited A* Grade with CGPA 3.53)

Sakkardara Square, Nagpur - 440024



Certificate of Excellence

This certificate is proudly awarded to

Miss. Snehal P. Nared

of the Class M.Sc Ist yr for his/her outstanding performance in the field of
Certificate course in Quantitative Apt. for the session 2019-2020.

Adv. Abhijit G. Wanjarri
MLC & Secretary
Amar Sewa Mandal, Nagpur

Dr. Smeeta A. Wanjarri
Senate Member RTMNU &
Treasurer, Amar Sewa Mandal

Dr. Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya, Nagpur



Amar Sewa Mandal's

KAMLA NEHRU MAHAVIDYALAYA

(Reaccredited A* Grade with CGPA 3.53)

Sakkardara Square, Nagpur - 440024



Certificate of Excellence

This certificate is proudly awarded to

Dejal C. Mokhare

of the Class B.Sc. Ist yr for his/her outstanding performance in the field of
Certificate Course in Quantitative Aptitude for the session 2019 - 2020.

Adv. Abhijit G. Wanjarri

Adv. Abhijit G. Wanjarri
MLC & Secretary
Amar Sewa Mandal, Nagpur

Dr. Smeeta A. Wanjarri

Dr. Smeeta A. Wanjarri
Senate Member RTMNU &
Treasurer, Amar Sewa Mandal

Dr. Dilip S. Badwaik

Dr. Dilip S. Badwaik
Principal
Kamlal Nehru Mahavidyalaya, Nagpur



Amar Sewa Mandal's

KAMLA NEHRU MAHAVIDYALAYA

(Reaccredited A* Grade with CGPA 3.53)

Sakkardara Square, Nagpur - 440024



Certificate of Excellence

This certificate is proudly awarded to

Miss. Khushboo D. Khapekar

of the Class B.Sc. Ist yr for his/her outstanding performance in the field of
Certificate Course in Quantitative Aptitude for the session 2019 - 2020.

Adv. Abhijit G. Wanjarri
MLC & Secretary
Amar Sewa Mandal, Nagpur

Dr. Smeeta A. Wanjarri
Sonate Member RTMNU &
Treasurer, Amar Sowa Mandal

Dr. Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya, Nagpur



Amar Sewa Mandal's

KAMLA NEHRU MAHAVIDYALAYA



(Reaccredited A* Grade with CGPA 3.53)

Sakkardara Square, Nagpur - 440024

Certificate of Excellence

This certificate is proudly awarded to

Miss Yamini L. Banathe

of the Class M.Sc. Ist yr for his/her outstanding performance in the field of
certificate course in Quantitative Aptitude for the session 2019-2020.

Adv. Abhijit G. Wanjarri
MLC & Secretary
Amar Sewa Mandal, Nagpur

Dr. Simeeta A. Wanjarri
Senate Member RTNU &
Treasurer, Amar Sewa Mandal

Dr. Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya, Nagpur

Kamla Nehru Mahavidyalaya, Nagpur

Department of Mathematics

Certificate Course Report

2019-2020

Department of Mathematics organised a skill based certificate course "Quantitative Aptitude" for under graduate and post graduate students for the duration three months from 6th January 2020 to 30th March 2020 every Monday and Tuesday under the guidance of Dr. Manjusha V. Borkar, HOD, Department of Mathematics, Kamla Nehru Mahavidyalaya, Nagpur.

This kind of skill based programs helps students to improve their problem solving technique; quantitative aptitude is the glue that binds together all other mathematical skills. By using inductive and deductive aptitude as they learn mathematical concepts and solve mathematical problems, students come to recognise the extent to which aptitude applies to mathematics and to their world.

Exams where mathematical aptitude is required: NET, SET, GATE, PET, RRB, MPSC, SBI PO, SBI Clerk, IBPS PO, IBPS Clerk, IBPS RRB, RBI Grade B, etc.

No. Of Beneficiaries = 12



Signature

Dr. Manjusha V. Borkar

(HOD, Dept. of Mathematics)



Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur



Director

Kamla Nehru Mahavidyalaya, Nagpur



Department of Environmental Science
Session 2019-2020

COURSE SCHEDULE

Certificate Course

Start Date: 10/02/2020

Course Title	Duration	Total Hours
Agricultural Waste Management	1 Month	60 Hours

Note:

- For Registration Details contact Miss. Neha K. Thakur
- The Course is for UG & PG
- Venue: Department of Environmental Science



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY
Established by Government of Central Provinces Education Department by Notification No. 513 dated 1st of August 1923 &
presently a State University governed by Maharashtra Public Universities Act, 2019 (Mah. Act No. VI of 2017).

DEPARTMENT OF LIFELONG LEARNING AND EXTENSION

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

No. DOLLE/334/20
Dated : 25.01.2020

To,
The Principal
Kamla Nehru Mahavidyalaya,
Nagpur.

**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. I am to inform you that your proposal has been accepted by the Department 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	Duration	No. of Candidates to be admitted	Fees to be Charged per Student	Fees to be Deposited With the Deptt.
1	Certificate Course in General Methodology	15 days	50	200/-	10%
2	Certificate Course in Biofertilizer formulation from Agricultural Waste and Crop Improvement through Biotechnology	1 Month	50	1000/-	10%
3	Certificate Course in Cookery and Food Preservation	8 Weeks	30	500/-	10%
4	Certificate Course in Agricultural Waste Management	1 Month	50	300/-	10%
5	Certificate Course in Domestic Appliances	1 Month	50	200/-	10%
6	Certificate Course in Beautification	1 Month	25	300/-	10%
7	Certificate Course in Quantitative Aptitude	12 Weeks	30	300/-	10%
8	Certificate Course in Communication Skills for the Students of Social Science	2 Weeks	50	50/-	10%

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

1. **This sanction is valid for this particular Batch only.**
2. Fees for the course should be charged as per the norms prescribed.
3. Expenditure on the course should be incurred as per norms.
4. Course should be started within a Month from the date of sanction.
Please communicate your acceptance within a month and submit the Initial Report
5. 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

Kamla Nehru Mahavidyalaya Nagpur
Environmental Science Department
Certificate Course
On
"Agricultural Waste Management"
Syllabus

Part I: Definition of Waste, Source of Waste, Industrial waste, Commercial Waste, Domestic waste, Agricultural waste, Types of Waste, Biodegradable waste and Non-Biodegradable waste, Importance of waste Management, Scientific Way of Waste Management, Efficient Management of Landfills, Concept of 3R, Zero waste System, Benefits of Waste Management.

Part II: Indian Scenario on waste Management, Recommendation to Managed waste effectively, Introduction of Agricultural Waste, Practice Related to Agriculture and Source of Agricultural Waste, Specific hazards related to agricultural waste .

Part III: Vermicomposting Introduction, Design Consideration, Large Scale, Small Scale, Ableto worm Species, Climate and Temperature. Feedstock, Small-scale or home system, Large scale or commercial. Harvesting, Properties, Benefits, Uses, Operation and Maintenance, Application in India. Vermiwash Introduction, Setting up of vermiwash Unit, Composition, Use of Vermiwash, Procedure for use.

Unit IV: Organic Farming, Methods for Crop Improving and waste management in agricultural field, Compost forming, Biogas from waste, Procedure for Production of biogas and its Maintenance. Fodder for animals and recovery from waste.

Practical:

- 1) Solid waste sampling /Soil sampling
- 2) Sample Preparation (Soil/Solid Waste)
- 3) Analytical Method for analysis of sample
- 4) Estimation of Moisture content in Soil / Solid Waste/ Fertilizer
- 5) Determination of calcium in Soil / fertilizer
- 6) Estimation of NPK in soil/ fertilizer
- 7) Estimation of total carbon in soil/fertilizer
- 8) Determination of C:N ratio in Soil /Fertilizer


PRINCIPAL
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Kamla Nehru Mahavidyalaya
Department of Environmental Science

Certificate Course

On

Agricultural Waste Management

Time Table

Sr. No.	Date	Time	Theory	Time	Practical/Theory
1.	10/02/2020	10:30 to 11:30 am	Miss Neha K Thakur	11:30 to 2:00pm	Miss Chandni Kachave
2.	11/02/2020	10:30 to 11:30 am	Miss. Chandani Kachave	11:30 to 2:00pm	Miss Neha K Thakur
3.	12/02/2020	10:30 to 11:30 am	Mrs. Padmaja Shahakar	11:30 to 2:00pm	Miss Sheetal Balpande
4.	13/02/2020	10:30 to 11:30 am	Dr. S. B. Nandeshwar	11:30 to 2:00pm	Dr. S. B. Nandeshwar
5.	14/02/2020	10:30 to 11:30 am	Miss Sheetal Balpande	11:30 to 2:00pm	Mrs. Padmaja Shahakar
6.	15/02/2020	10:30 to 11:30 am	Mrs. Padmaja Shahakar	11:30 to 2:00pm	Mrs. Padmaja Shahakar
7.	17/02/2020	10:30 to 11:30 am	Dr. Velumourgan	11:30 to 2:00pm	—
8.	18/02/2020	10:30 to 11:30 am	Dr. Manikandan	11:30 to 2:00pm	—
9.	20/02/2020	10:30 to 11:30 am	Miss Neha K Thakur	11:30 to 2:00pm	Mr. Nikhil Meshram
10.	22/02/2020	10:30 to 11:30 am	Miss Sheetal Balpande	11:30 to 2:00pm	Miss Sheetal Balpande
11.	24/02/2020	10:30 to 11:30 am	Miss Chandani Kachave	11:30 to 2:00pm	Miss Chandani Kachave
12.	25/02/2020	10:30 to 11:30 am	Nutan Manapure	11:30 to 2:00pm	—
13.	26/02/2020	10:30 to 11:30 am	Akshay Tripathi	11:30 to 2:00pm	Dr. B.K. Sarangi
14.	27/02/2020	10:30 to	NEERI Visit	2:00pm	
15.	28/02/2020	10:30 to	Science	2:00pm	

Principal
Kamla Nehru Mahavidyalaya
C. Chowk, Nagpur

			Exhibition		
16.	29/02/2020	10:30 to 11:30 am	Mr. Nikhil Meshram	11:30 to 2:00pm	Mr. Nikhil Meshram
17.	02/03/2020	10:30 to 11:30 am	Dr. Amit Bafna	11:30 to 2:00pm	-
18.	3/03/2020	10:30 to 11:30 am	Dr. Aarti Shanware	11:30 to 2:00pm	-
19.	04/03/2020	10:30 to	CICR Visit	2:00pm	
20.	05/03/2020	10:30 to 11:30 am	Miss Sheetal Balpande	11:30 to 2:00pm	Miss Sheetal Balpande
21.	06/03/2020	10:30 to 11:30 am	Mr. Nikhil Meshram	11:30 to 2:00pm	Mrs. Padmaja Shahakar
22.	07/03/2020	10:30 to 11:30 am	Miss Neha Thakur	11:30 to 2:00pm	Miss Neha Thakur
23.	09/03/2020	10:30 to 11:30 am	Objective Test		


 Principal
 Kamla Nehru Mahavidyalaya
 Sakardara Chetula, Mumbai

Kamla Nehru Mahavidyalaya
Department of Environmental Science
Certificate Course On Agricultural Waste Management
Attendance Sheet
(Session 2019-2020)

[illegible]

[illegible]

31	Sonam Tiwari	Sonam	Sonam	Sonam	Sonam	Sonam	Sonam	Sonam	Sonam	Sonam	Sonam	Sonam	Sonam	Sonam	Sonam	Sonam	Sonam	Sonam	Sonam	Sonam	Sonam	Sonam	Sonam	Sonam	Sonam	Sonam	Sonam
32	Ujwal Khandale	Ujwal	Ujwal	Ujwal	Ujwal	Ujwal	Ujwal	Ujwal	Ujwal	Ujwal	Ujwal	Ujwal	Ujwal	Ujwal	Ujwal	Ujwal	Ujwal	Ujwal	Ujwal	Ujwal	Ujwal	Ujwal	Ujwal	Ujwal	Ujwal	Ujwal	Ujwal
33	Vaibhavi Yemra	Vaibhavi	Vaibhavi	Vaibhavi	Vaibhavi	Vaibhavi	Vaibhavi	Vaibhavi	Vaibhavi	Vaibhavi	Vaibhavi	Vaibhavi	Vaibhavi	Vaibhavi	Vaibhavi	Vaibhavi	Vaibhavi	Vaibhavi	Vaibhavi	Vaibhavi	Vaibhavi	Vaibhavi	Vaibhavi	Vaibhavi	Vaibhavi	Vaibhavi	Vaibhavi
34	Yamini Fuke	Fuke	Fuke	Fuke	Fuke	Fuke	Fuke	Fuke	Fuke	Fuke	Fuke	Fuke	Fuke	Fuke	Fuke	Fuke	Fuke	Fuke	Fuke	Fuke	Fuke	Fuke	Fuke	Fuke	Fuke	Fuke	Fuke
35	Trupti Gate	Trupti	Trupti	Trupti	Trupti	Trupti	Trupti	Trupti	Trupti	Trupti	Trupti	Trupti	Trupti	Trupti	Trupti	Trupti	Trupti	Trupti	Trupti	Trupti	Trupti	Trupti	Trupti	Trupti	Trupti	Trupti	Trupti
36	Sejal Mate	Sejal	Sejal	Sejal	Sejal	Sejal	Sejal	Sejal	Sejal	Sejal	Sejal	Sejal	Sejal	Sejal	Sejal	Sejal	Sejal	Sejal	Sejal	Sejal	Sejal	Sejal	Sejal	Sejal	Sejal	Sejal	Sejal
37	Ravina Devhare	Ravina	Ravina	Ravina	Ravina	Ravina	Ravina	Ravina	Ravina	Ravina	Ravina	Ravina	Ravina	Ravina	Ravina	Ravina	Ravina	Ravina	Ravina	Ravina	Ravina	Ravina	Ravina	Ravina	Ravina	Ravina	Ravina
38	Apeksha Kirtane	Apeksha	Apeksha	Apeksha	Apeksha	Apeksha	Apeksha	Apeksha	Apeksha	Apeksha	Apeksha	Apeksha	Apeksha	Apeksha	Apeksha	Apeksha	Apeksha	Apeksha	Apeksha	Apeksha	Apeksha	Apeksha	Apeksha	Apeksha	Apeksha	Apeksha	Apeksha
39	Shamli Kale																										
40	Mahi Karoo	Mahi	Mahi	Mahi	Mahi	Mahi	Mahi	Mahi	Mahi	Mahi	Mahi	Mahi	Mahi	Mahi	Mahi	Mahi	Mahi	Mahi	Mahi	Mahi	Mahi	Mahi	Mahi	Mahi	Mahi	Mahi	Mahi
41	Uday Malgulwar	Uday	Uday	Uday	Uday	Uday	Uday	Uday	Uday	Uday	Uday	Uday	Uday	Uday	Uday	Uday	Uday	Uday	Uday	Uday	Uday	Uday	Uday	Uday	Uday	Uday	Uday
42	Shreya Chintalwar	Shreya	Shreya	Shreya	Shreya	Shreya	Shreya	Shreya	Shreya	Shreya	Shreya	Shreya	Shreya	Shreya	Shreya	Shreya	Shreya	Shreya	Shreya	Shreya	Shreya	Shreya	Shreya	Shreya	Shreya	Shreya	Shreya
43	Harish Palliwai	A	Harish	Harish	Harish	Harish	Harish	Harish	Harish	Harish	Harish	Harish	Harish	Harish	Harish	Harish	Harish	Harish	Harish	Harish	Harish	Harish	Harish	Harish	Harish	Harish	Harish
44	Pragati Dudhbade	Pragati	Pragati	Pragati	Pragati	Pragati	Pragati	Pragati	Pragati	Pragati	Pragati	Pragati	Pragati	Pragati	Pragati	Pragati	Pragati	Pragati	Pragati	Pragati	Pragati	Pragati	Pragati	Pragati	Pragati	Pragati	Pragati
45	Sana Sheikh	Sana	Sana	Sana	Sana	Sana	Sana	Sana	Sana	Sana	Sana	Sana	Sana	Sana	Sana	Sana	Sana	Sana	Sana	Sana	Sana	Sana	Sana	Sana	Sana	Sana	Sana
46	Kamakshi Thawkos	Kamakshi	Kamakshi	Kamakshi	Kamakshi	Kamakshi	Kamakshi	Kamakshi	Kamakshi	Kamakshi	Kamakshi	Kamakshi	Kamakshi	Kamakshi	Kamakshi	Kamakshi	Kamakshi	Kamakshi	Kamakshi	Kamakshi	Kamakshi	Kamakshi	Kamakshi	Kamakshi	Kamakshi	Kamakshi	Kamakshi
47	Switi Zalke	Switi	Switi	Switi	Switi	Switi	Switi	Switi	Switi	Switi	Switi	Switi	Switi	Switi	Switi	Switi	Switi	Switi	Switi	Switi	Switi	Switi	Switi	Switi	Switi	Switi	Switi

[illegible]

[illegible]

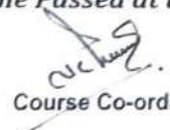


Rashtrasant Tukadoji Maharaj Nagpur University
Board of Lifelong Learning and Extension

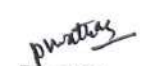


Awards this certificate to Shri/Smt./Miss. Swati Zalke on
Satisfactory completion of the Agricultural Waste Management
..... Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong
Learning and Extension in collaboration with Department of Environmental Science
Kamla Nehru Mahavidyalaya, Nagpur from 10th February 2020 - 9th March 2020.

He/She Passed at the Examination in Grade A.....


Course Co-ordinator


Principal
Kamla Nehru Mahavidyalaya,
Nagpur


Director
Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University



Rashtrasant Tukadoji Maharaj Nagpur University
Board of Lifelong Learning and Extension



Awards this certificate to *Sri/Smt./Miss. Nikita Lawhare* on
Satisfactory completion of the *Agricultural Waste Management*
..... Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong
Learning and Extension in collaboration with Department of *Environmental Science*
Kamla Nehru Mahavidyalaya, Nagpur from *10th February 2020 - 9th March 2020*.

He/She Passed at the Examination in Grade *A*.....

[Signature]
Course Co-ordinator

[Signature]
Principal
Kamla Nehru Mahavidyalaya,
Nagpur

[Signature]
Director
Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University

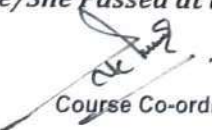


Rashtrasant Tukadoji Maharaj Nagpur University
Board of Lifelong Learning and Extension

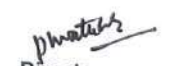


Awards this certificate to Shri/Smt./Miss.Sheetal Wanjari..... on
Satisfactory completion of theAgricultural Waste Management.....
..... Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong
Learning and Extension in collaboration with Department ofEnvironmental Science.....
Kamla Nehru Mahavidyalaya, Nagpur from10th February 2020 - 9th March 2020.....

He/She Passed at the Examination in GradeA.....


Course Co-ordinator


Principal
Kamla Nehru Mahavidyalaya,
Nagpur


Director
Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University

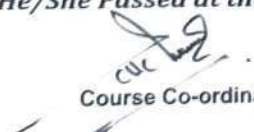


Rashtrasant Tukadoji Maharaj Nagpur University
Board of Lifelong Learning and Extension

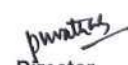


Awards this certificate to Shri/Smt./Miss. Sneha Kalmegh on
Satisfactory completion of the Agricultural Waste Management
..... Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong
Learning and Extension in collaboration with Department of Environmental Science
Kamla Nehru Mahavidyalaya, Nagpur from 10th February 2020 – 9th March 2020.

He/She Passed at the Examination in Grade A.....


Course Co-ordinator


Principal
Kamla Nehru Mahavidyalaya,
Nagpur


Director
Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University



Rashtrasant Tukadoji Maharaj Nagpur University Board of Lifelong Learning and Extension



Awards this certificate to *Shri/Smt./Miss. Aishwarya Thengadi* on
Satisfactory completion of the *Agricultural Waste Management*
..... Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong
Learning and Extension in collaboration with Department of *Environmental Science*
Kamla Nehru Mahavidyalaya, Nagpur from *10th February 2020 – 9th March 2020*.

He/She Passed at the Examination in Grade *A⁺*

[Signature]
Course Co-ordinator

[Signature]
Principal
Kamla Nehru Mahavidyalaya,
Nagpur

[Signature]
Director
Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University



Rashtrasant Tukadoji Maharaj Nagpur University Board of Lifelong Learning and Extension



Awards this certificate to *Shri/Smt./Miss. Mayuri Khadtkar* on
Satisfactory completion of the *Agricultural Waste Management*
..... Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong
Learning and Extension in collaboration with Department of *Environmental Science*
Kamla Nehru Mahavidyalaya, Nagpur from *10th February 2020 - 9th March 2020.*

He/She Passed at the Examination in Grade *B⁺*

[Signature]
Course Co-ordinator

[Signature]
Principal
Kamla Nehru Mahavidyalaya,
Nagpur

[Signature]
Director
Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University

KAMLA NEHRU MAHAVIDYALAYA
DEPARTMENT OF ENVIRONMENTAL SCIENCE

Certificate Course

On

Agricultural Waste Management

Session : 2019-2020

Aim: To conduct certificate course on "Agricultural Waste Management"

Nature of Activity:

Department of Environmental Science Kamla Nehru Mahavidyalaya Nagpur was organized certificate course on "Agricultural Waste Management" The duration of this course was one month from 10th February to 9th march 2020. In this certificate course various lecture as well as practical related to agriculture & waste management were delivered by faculty of department & external expert person. On the last day we were carried out an objective test on the given syllabus of theory & practical.

Complete one month schedule of certificate course given as per following:

Sr. No.	Date	Theory	Topic	Practical	Topic
1.	10/2/2020	Miss Neha K Thakur	Solid Waste its harmful effect on environment & human	Miss ChandniKachave	Solid Waste Sampling
2.	11/2/2020	Miss. ChandaniKachave	Classification of Solid Waste	Miss Neha Thakur	Method use for analysis
3.	12/2/2020	Mrs. PadmajaShahakar	Source & Composition of Agricultural	Miss Sheeta IBalpande	Estimation of Moisture Content of solid

			waste		Waste
4.	13/2/2020	Dr. S.B. Nandeshwar	Plant tissue culture and its application	Dr. S.B. Nandeshwar	Culture Preparation
5.	14/2/2020	Miss Sheetal Balpande	3 R Concept and Efficient landfill of solid waste	Mrs. Padmaja Shahakar	Sample preparation for analysis
6.	15/2/2020	Mrs. Padmaja Shahakar	Benefits of eco-friendly Agricultural Waste Management	Mrs. Padmaja Shahakar	Colour & Texture of Fertilizer & Soil
7.	17/02/2020	Dr. Velumourgan	Microbial Strength in crop improvement	—	—
8.	18/02/2020	Dr. Manikandan	Biofertilizer for sustainable crop production	—	—
9.	20/2/2020	Miss Neha Thakur	Vermicomposting & Vermiwash	Mr. Nikhil Meshram	Demonstration on Vermicompost & Vermiwash
10.	22/2/2020	Miss Sheetal Balpande	Macro & Micro Nutrients	Miss Sheetal Balpande	Estimation of Calcium in Soil & Fertilizer
11.	24/2/2020	Miss Chandani Kachave	Different Agricultural Practices	Miss Chandani Kachave	Analysis of Nitrogen in soil sample and fertilizer
12.	25/2/2020	Dr. Nutan Manapure	Use of Agricultural Waste and its Management	—	—
14.	26/2/2020	Dr. Akshay Tripathi	Biogas & Composting	—	—
15.	26/2/2020	Dr. Sarangi	Tissue culture & transformation	—	—
16.	27/2/2020	NEERI Visit			

17.	28/2/2020	Science Exhibition			
18.	29/2/2020	Mr. Nikhil Meshram	Compost from Agricultural waste	Mr. Nikhil Meshram	Demonstration Compost from Agricultural Waste
19.	2/3/2020	Dr. Amit Bafana	The Dilemma of Native v/s Foreign Species	—	—
20.	3/3/2020	Dr. Aarti Shanwar	Biofertilizer	—	—
21.	4/3/2020	CICR Visit			
22.	5/3/2020	Miss Sheetal Balpande	Indian Scenario on waste Management	Miss Sheetal Balpande	Analysis of Phosphate in Soil sample and Fertilizer
23.	6/3/2020	Mr. Nikhil Meshram	Organic Farming	Mrs. Padmaja Shahakar	Analysis of Potassium in Soil sample and Fertilizer
24.	7/3/2020	Miss Neha Thakur	C:N ratio	Miss Neha Thakur	Analysis of Total Organic Carbon in soil Sample & fertilizer
25.	9/3/2020	Objective Test			

After completing course by students university affiliated certificate has given by the organization .

No. of beneficiaries: 74 students was benefited .

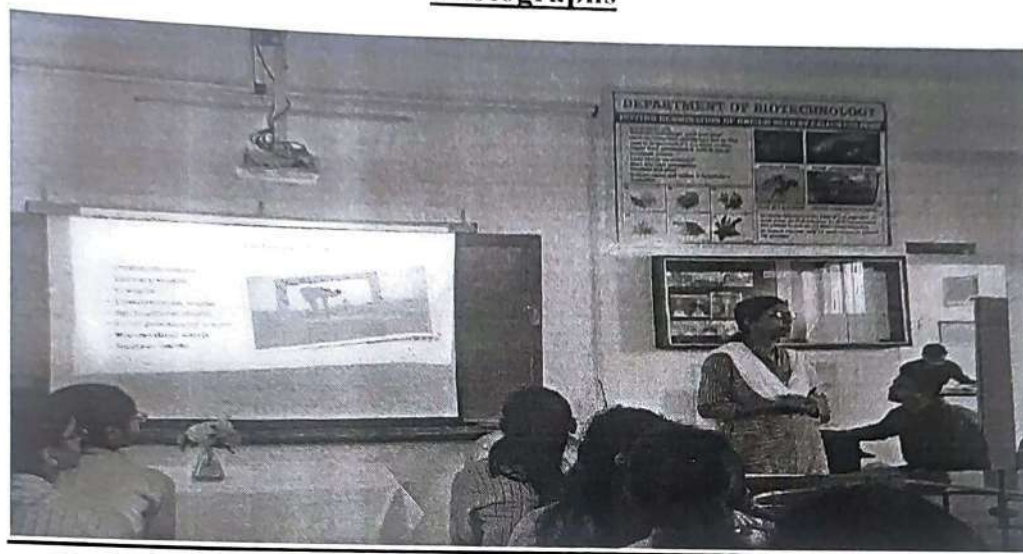
Outcomes: Students has gained knowledge about every practices of agricultural waste management such as manure making , biogas production & more as well as analysis of fertilizer


Principal
 Kamla Nehru Mahavidyalaya
 Sakardara Chowk, Nagpur

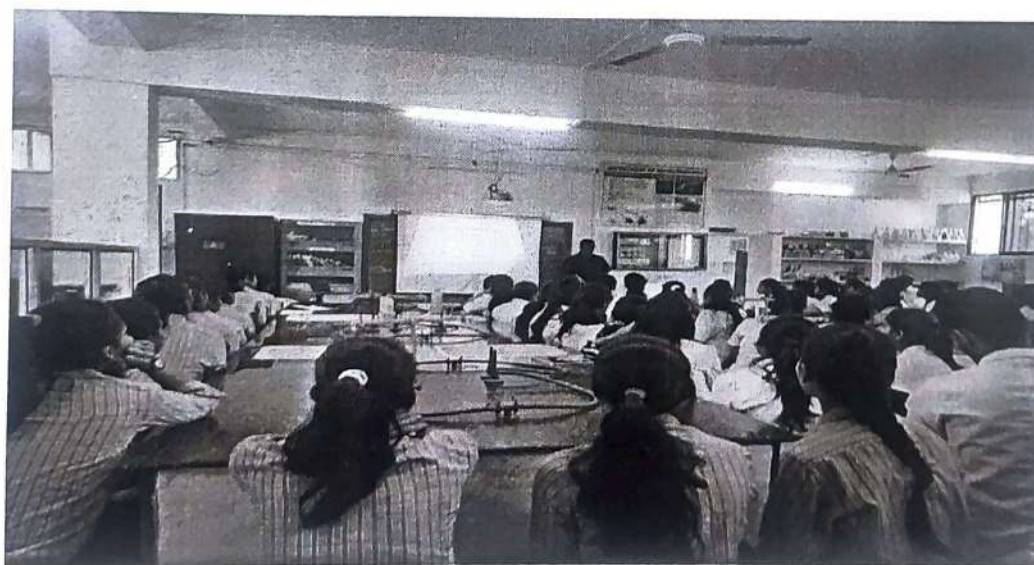
Certificate Course on "Agriculture Waste Management"

Session 2019-2020

Photographs



Guest Lecture By Mrs. Nutan Manapure



Guest Lecture by Dr. Akshay Tripathi



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY NAGPUR



DEPARTMENT OF LIFELONG LEARNING & EXTENSION

Gurnanak Bhavan, University Campus, Amravati Road, Nagpur - 440033



KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

A+ Grade Accredited by NAAC with CGPA of 3.53

Organizes

*Short Term Certificate Course on
"Embedded System Basics and 8051 Microcontroller Interfacing"
Session 2019-20*

REGISTRATION DETAILS

- ✓ Duration: 30 Hours
- ✓ No. of Credits: 02
- ✓ Fees: Rs. 200
- ✓ Theory: 15 Hours
- ✓ Practical: 15 Hours
- ✓ Registration ends: 15/03//2020
- ✓ Course Starts from: 17/03/2020

COURSE CONTENTS

- Introduction to Embedded System
- Microcontroller and Microprocessor
- Architecture of 8051 μ C
- Interfacing of various output devices
- Interfacing of various sensors
- Small project based on course

COURSE CO-ORDINATOR

For any query, Please contact:

Course Co-Ordinator:

Dr. P. B Dahikar,

Head, Department of Electronics,

Kamla Nehru Mahavidyalaya,

Sakkardara square, Nagpur - 09

Mobile: 9850343734

COURSE HIGHLIGHTS

- ✓ Classroom Teaching of 15 Hours
- ✓ Hand on experiments on Electronics Equipment for 15 hours.
- ✓ Well experienced and qualified teaching staff
- ✓ Well equipped laboratory
- ✓ Issue of certificate after successfully completion and passing of the examination at the end of the course.
- ✓ 2 credits will be provided on successful completion of the course.



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

Gurunank Bhavan, University Campus, Amravati Road, Nagpur - 440 033. Phone : 2530860

E-mail : dolle_rtnnu@gmail.com

To,
The Principal
Kamla Nehru Mahavidyalaya,
Nagpur.

No.DOLLE/357/20
Dated : 31.01.2020

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, I am to inform you that your proposal has been accepted by the Department 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	Duration	No. of Candidates to be admitted	Fees to be Charged per Student	Fees to be Deposited With the Deptt.
1	Certificate Course in Embedded System Basic and 8051 Microcontroller Interfacing	15 days	40	200/-	10%
2	Certificate Course in Nursery Technique with Special reference to Floriculture	15 days	50	200/-	10%
3	Certificate Course in Skilled Based on Medical Laboratory Technology	15 days	100	500/-	10%

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

1. This sanction is valid for this particular Batch only.
2. Fees for the course should be charged as per the norms prescribed.
3. Expenditure on the course should be incurred as per norms.
4. Course should be started within a Month from the date of sanction.
Please communicate your acceptance within a month and submit the Initial Report
5. Submit the List of Students admitted in the excel format attached herewith.
Also send a soft copy in CD/Pen drive

Your's faithfully,

P. W. Patil
Director

Kamla Nehru Mahavidyalaya, Sakardara, Nagpur
Electronics Department Organized Short term Certification Course
on

Embedded System Basics and 8051 Microcontroller Interfacing
(Session 2019-20)

Syllabus:

Unit 1: Embedded System Basics

Basic of Embedded System, Characteristics of Embedded System, basic building blocks of Embedded System, Difference Between microprocessor and microcontroller and basics about different types of microcontrollers available.

Unit 2: Basics of 8051 microcontroller

Basics of 8051 microcontroller, pin architecture of 8051 microcontroller, basic circuit requirement of 8051 microcontroller and Internal and external memory architecture of 8051 Microcontroller.

Unit 2: Programing in 8051

Programing architecture and structure of 8051 microcontroller, discuss about addressing modes, Instruction formats and Instruction Set of 8051 microcontroller. Discuss about how to interface peripherals with the 8051 microcontroller

Unit 3: Interfacing with 8051

How to interface array of 8 LEDs (Light Emitting Diode) with 8051 microcontroller and develop drivers for it. interfacing SSD (Seven Segment Display) in simple way as well as multiplexed way with the 8051 microcontroller and develop drivers for it. Interfacing alphanumeric 16 x 2 LCD (Liquid Crystal Display) in 8 bit mode with the 8051 microcontroller and develop drivers for it. Interfacing keys as well as Hexadecimal Key-Pad with the 8051 microcontroller and driver develop for it.

Unit 4: Serial Bus in 8051

Connecting Computer (PC) with 8051 microcontroller through RS 232 cable using UART (Universal Asynchronous Receiver and Transmitter) and driver develop for it. Discuss about Serial Protocols which are ready to connect with microcontrollers and what is I²C (Intra Integrated Circuit) Bus and features and characteristics of I²C Protocol. Interfacing RTC (Real Time Clock) with 8051 microcontroller using I²C Protocol and develop driver for it.

Kamla Nehru Mahavidyalaya, Sakardara, Nagpur

Electronics Department Organized Skilled based short Term Certificate course on

Embedded System Basics and 8051 Microcontroller Interfacing (Session 2019-20)

Teaching and Practical Conducting Time Table

Day 1 (12:30 to 3:30 pm):- Embedded System Basics

Basic of Embedded System, Characteristics of Embedded System, basic building blocks of Embedded System, Difference Between microprocessor and microcontroller and basics about different types of microcontrollers available.

Day 2 and Day 3 (12:30 to 3:30 pm):- Hardware Description of 8051

Basics of 8051 microcontroller, pin architecture of 8051 microcontroller, basic circuit requirement of 8051 microcontroller and Internal and external memory architecture of 8051 Microcontroller.

Day 4 and Day 5 (12:30 to 3:30 pm):- Programing in 8051

Programing architecture and structure of 8051 microcontroller, discuss about addressing modes, Instruction formats and Instruction Set of 8051 microcontroller.

Day 6 (12:30 to 3:30 pm):- LED Interfacing

Discuss about how to interface peripherals with the 8051 microcontroller and how to interface array of 8 LEDs (Light Emitting Diode) with 8051 microcontroller and develop drivers for it.

Day 7(12:30 to 3:30 pm):- SSD Interfacing

Interfacing SSD (Seven Segment Display) in simple way as well as multiplexed way with the 8051 microcontroller and develop drivers for it.

Day 8 (12:30 to 3:30 pm):- LCD Interfacing

Interfacing alphanumeric 16 x 2 LCD (Liquid Crystal Display) in 8 bit mode with the 8051 microcontroller and develop drivers for it.

Day 9 (12:30 to 3:30 pm):- Keyboard Interfacing

Interfacing keys as well as Hexadecimal Key-Pad with the 8051 microcontroller and driver develop for it.

Day 10 (12:30 to 3:30 pm):- PC Communication

Connecting Computer (PC) with 8051 microcontroller through RS 232 cable using UART (Universal Asynchronous Receiver and Transmitter) and driver develop for it.

Day 11 and Day 12 (12:30 to 3:30 pm):- Serial Protocol I²C

Discuss about Serial Protocols which are ready to connect with microcontrollers and what is I²C (Intra Integrated Circuit) Bus and features and characteristics of I²C Protocol. Interfacing RTC (Real Time Clock) with 8051 microcontroller using I2C Protocol and develop driver for it.

Day 13 (12:30 to 3:30 pm):- Serial Wireless Protocol

Serial wireless protocols description; XBee, CC2500 and Bluetooth wireless module testing and interfacing with 8051 microcontroller

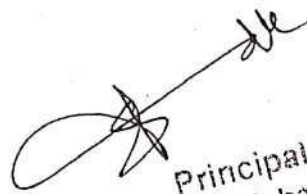
Day 14 (12:30 to 3:30 pm):- Project based on serial I²C and wireless modules

Project Development based on serial I²C and wireless modules

Day 15 (12:30 to 3:30 pm):- Project based on serial I²C and wireless modules

Project Development based on serial I²C and wireless modules

hulkar
Co-ordinator
(P. B. Dahikar)


Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Neur

Partners

ed Syst

Stu

[illegible]

[illegible]



Rashtrasant Tukadoji Maharaj Nagpur University

Board of Lifelong Learning and Extension



Awards this certificate to Shri/Smt./Miss. Nikita Ravindra Kolhe on
Satisfactory completion of the Embedded System Basics and 8051 Microcontroller
Technology..... Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong
Learning and Extension in collaboration with Department of ELECTRONICS.....
Kamla Nehru Mahavidyalaya, Nagpur from 17th Feb. to 6th May, 2020.

He/She Passed at the Examination in Grade A⁺.....

Course Co-ordinator

Principal

Kamla Nehru Mahavidyalaya,
Nagpur

Director

Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University



WANJARI GROUP
EDUCATION SERVICES

Rashtrasant Tukadoji Maharaj Nagpur University Board of Lifelong Learning and Extension



Awards this certificate to Shri/Smt./Miss.
Satisfactory completion of the
.....
Learning and Extension in collaboration with Department of
Kamla Nehru Mahavidyalaya, Nagpur from 2020.

He/She Passed at the Examination in Grade⁺.....

Course Co-ordinator

Principal

Kamla Nehru Mahavidyalaya,
Nagpur

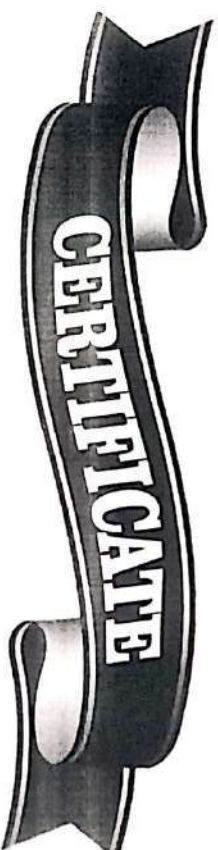
Director

Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University



Rashtrasant Tukadoji Maharaj Nagpur University

Board of Lifelong Learning and Extension



Awards this certificate to Shri/Smt./Miss. Nisha Didi Ram Bhat on
Satisfactory completion of the Embedded System Basics and SQL Microcontroller
Technology..... Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong
Learning and Extension in collaboration with Department of Electronics.....
Kamla Nehru Mahavidyalaya, Nagpur from 17th Feb to 6th Mar, 2020.

He/She Passed at the Examination in Grade A⁺.....

Course Co-ordinator

Principal

Kamla Nehru Mahavidyalaya,
Nagpur

Director

Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University



Rashttrasant Tukadoji Maharaj Nagpur University

Board of Lifelong Learning and Extension



Awards this certificate to Shri/Smt./Miss. Vishad Waman Hatwar on
Satisfactory completion of the Enrolled Self-Help and SOSI Microcredit
Training..... Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong
Learning and Extension in collaboration with Department of Electronics
Kamla Nehru Mahavidyalaya, Nagpur from 17th Feb. to 6th Mar. 2020.

He/She Passed at the Examination in Grade A.....

Course Co-ordinator

Principal

Kamla Nehru Mahavidyalaya,
Nagpur

Director

Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University



WANI JARRI GROUP
EDUCATION

Rashtrasant Tukadoji Maharaj Nagpur University Board of Lifelong Learning and Extension



Awards this certificate to Shri/Smt./Miss. Shruthika Rajesh Menchke on
Satisfactory completion of the Embedded System Basics and 8051 Microcontroller
Installation..... Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong
Learning and Extension in collaboration with Department of Electronics.....
Kamla Nehru Mahavidyalaya, Nagpur from 13th Feb. to 6th Mar 2020.

He/She Passed at the Examination in Grade A.....

Course Co-ordinator

Principal

Kamla Nehru Mahavidyalaya,
Nagpur

Director

Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University

Kamla Nehru Mahavidyalaya, Nagpur
DEPARTMENT OF ELECTRONICS
Certificate Course
On
Embedded System Basics and 8051 Microcontroller Interfacing
Session 2019-20
Report

Aim & Objectives:

Aim:

Our aim is to enhance student's practical knowledge about microcontroller and basics of embedded system for develop their interaction with innovative project ideas.

Objectives:

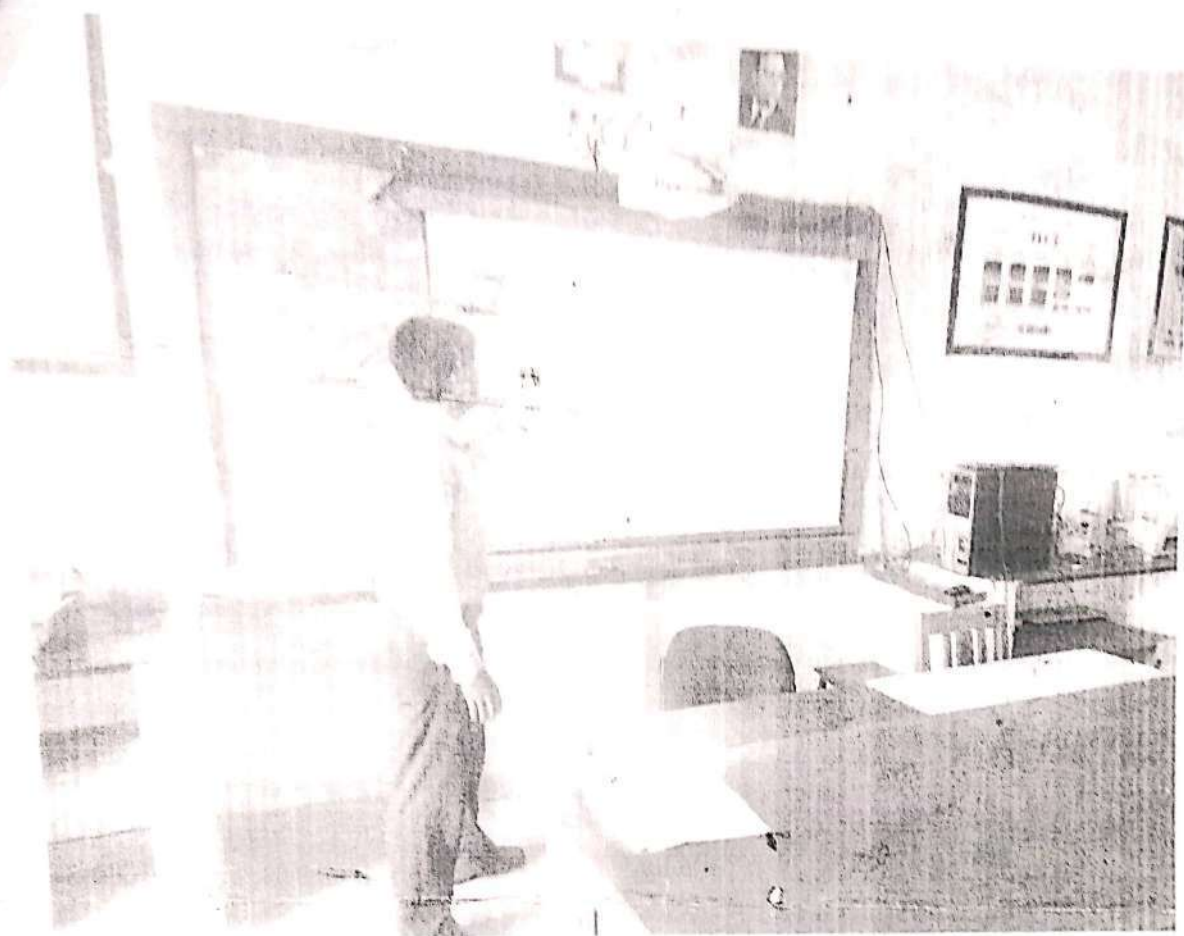
- 1) Generate awareness about embedded system applications in electronics era.
- 2) Develop mindset about advanced electronics project ideas.

Nature of Activity / Procedure:

Certificate course on embedded system basics and 8051 microcontroller interfacing by Department of Electronics for students of B.Sc. and M.Sc. started from dated **17 Feb to 6 March 2020**. Our students had actively participated in certificate course also interacted with faculties for developed ideas of innovative project. **Number of beneficiary= 18 students.**

Outcome:

- 1) Improvement in student's self-confidence and communication skills.
- 2) Students understood importance and applications of 8051 microcontroller.
- 3) Students aware about applications and innovation in embedded system.





Amar Sewa Mandal's

Kamla Nehru Mahavidyalaya, Nagpur

(NAAC Re-accredited with A+ grade – CGPA 3.53)



Department of Cosmetic Technology

Session 2019-2020

Organizing

Certificate Course (58 Hrs)

Course Highlights

Certificate Course In “Beautification”

Date: 10/02/2020 To 09/03/2020

For BCT Semester V

Patrons

**Hon'ble Dr. Smt.
Suhasini Wanjarri
President, Amar Sewa
Mandal, Nagpur**

**Hon'ble Adv.
Abhijit Wanjarri
MLC and Secretary, Amar
Sewa Mandal, Nagpur**

**Hon'ble Dr.
Smeetaa Wanjarri
Treasurer, Amar Sewa
Mandal, Nagpur**

**Organizer
Dr. Dilip Badwaik
Principal**

For Admission Contact

**Dr. Ketki Misar,
Head Department of Cosmetic Technology,
9822810291**



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
Kamla Nehru Mahavidyalaya,
Nagpur.

No.DOLLE/334/20
Dated : 25.01.2020

**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, I am to inform you that your proposal has been accepted by the Department 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	Duration	No. of Candidates to be admitted	Fees to be Charged per Student	Fees to be Deposited With the Deptt.
1	Certificate Course in General Methodology	15 days	50	200/-	10%
2	Certificate Course in Biofertilizer formulation from Agricultural Waste and Crop Improvement through Biotechnology	1 Month	50	1000/-	10%
3	Certificate Course in: Cookery and Food Preservation	8 Weeks	30	500/-	10%
4	Certificate Course in Agricultural Waste Management	1 Month	50	300/-	10%
5	Certificate Course in Domestic Appliances	1 Month	50	200/-	10%
6	Certificate Course in Beautification	1 Month	25	300/-	10%
7	Certificate Course in Quantitative Aptitude	12 Weeks	30	300/-	10%
8	Certificate Course in Communication Skills for the Students of Social Science	2 Weeks	50	50/-	10%

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

1. **This sanction is valid for this particular Batch only.**
2. Fees for the course should be charged as per the norms prescribed.
3. Expenditure on the course should be incurred as per norms.
4. Course should be started within a Month from the date of sanction.
Please communicate your acceptance within a month and submit the Initial Report
5. Submit the List of Students admitted in the excel format attached herewith.
Also send a soft copy in CD/Pen drive

Your's faithfully,

Kamla Nehru Mahavidyalaya
Department of Cosmetic Technology
Certificate Course in Beautification
Session 2019-20
Syllabus

Theory

1. Skin Care

Basic skin care, skin types, daily skin care routine

2. Hair Care – Basic hair structure, types of hairs, hair care routine,

- Hair cleansing
- Oiling
- Shampooing
- Conditioning

3. Health care and Yoga

- Diet and nutrition
- Beauty nutrients
- Exercise and Yoga
- Relaxation
- Personal Hygiene

Practical

1. Make up techniques

- Preparing face for Make up
- Eye Make up
- Hairstyle
- Bridal Make up
- Party Make up
- Day Make up
- Day makeup




PRINCIPAL

Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur



H. O. D.
Cosmetic Technology
Kamla Nehru Mahavidyalaya,
Sakkardara Square, Nagpur

Kamla Nehru Mahavidyalaya, Nagpur

Department of Cosmetic Technology

Certificate Course in Beautification

Time Table

S.N.	Date	Time	Topic	Name of Faculty
1	10/02/2020	9 a.m. to 12:00 p.m.	Skin and its Care	Dr. Mrs. Ketki S. Misar
2	11/02/2020	9 a.m. to 11:00 p.m.	Make up - Introduction	Ms. Dipenti Pohare
3	12/02/2020	9 a.m. to 11:00 p.m.	Types of Makeup	Mrs. Avanti Paranjape
4	13/02/2020	9 a.m. to 12:00 p.m.	Hair structure	Mrs. Sneha Sambare
5	14/02/2020	9 a.m. to 12:00 p.m.	Preparing face for makeup	Ms. Dipenti Pohare
6	15/02/2020	9 a.m. to 12:00 p.m.	Use of foundation	Ms. Dipenti Pohare
7	17/02/2020	9 a.m. to 12:00 p.m.	C-T-M Techniques	Dr. Mrs. Ketki S. Misar
8	18/02/2020	9 a.m. to 12:00 p.m.	Eye makeup	Ms. Dipenti Pohare
9	20/02/2020	9 a.m. to 12:00 p.m.	Lip makeup	Ms. Dipenti Pohare
10	22/02/2020	9 a.m. to 12:00 p.m.	Hairstyle	Ms. Dipenti Pohare
11	24/02/2020	9 a.m. to 11:00 p.m.	Skin anatomy and physiology	Dr. Mrs. Ketki Misar
12	25/02/2020	9 a.m. to 11:00 p.m.	Exercise and yoga	Mrs. Meenakshi Bokde
13	26/02/2020	9 a.m. to 11:00 p.m.	Bridal Makeup	Ms. Dipenti Pohare
14	27/02/2020	9 a.m. to 11:00 p.m.	Party makeup	Ms. Dipenti Pohare
15	28/02/2020	9 a.m. to 11:00 p.m.	Skin care in different season	Dr. Mrs. Ketki Misar
16	29/02/2020	9 a.m. to 12:00 p.m.	Day makeup	Ms. Dipenti Pohare


Dr. Mrs. K.S. Misar


Principal

Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

17	02/03/2020	9 a.m. to 12:00 p.m.	Professional makeup tips at Dazzle U Beauty Studio	Ms. Dipenti Pohare
18	03/03/2020	9 a.m. to 12:00 p.m.	Skin care and Latest Facial Trends	Ms. Heena Popli
19	04/03/2020	9 a.m. to 12:00 p.m.	Holistic approach to skin and hair care	Mrs. Ashwini K. Joshi
20	05/03/2020	9 a.m. to 12:00 p.m.	Diet and Nutrition For Healthy Skin	Dr. Sonal Kolte
21	06/03/2020	9 a.m. to 12:00 p.m.	Shampooing and Conditioning	Ms. Radhika Mohod
22	07/03/2020	9 a.m. to 12:00 p.m.	Exercise and Yoga	Mrs. Meenakshi P. Bokde
23	09/03/2020	9 a.m. to 11:00 p.m.	Exam of Course	Dr. Mrs. Ketki S. Misar

Dr. Mrs. K. S. Misar

[Signature]
Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Certificate Course in Beautification [Attendance Sheet]

Dates (10-02-2020 to 09-03-2020)

S.N	Student Name	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	01	02	03	04	05	06	07	08	09
1.	AISHWARYA S. DARVE	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
2.	AKANKSHA J. GUPTA	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
3.	AKSHITA M. BHUIADE	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
4.	ANJALEE L. GUPTA	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
5.	ANJALI D. MOON	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
6.	ASHWINI V. MANAPURE	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
7.	DEEPTI A. BURDE	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
8.	DHANISHTHA D. KALE	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
9.	DHANSHRI A. GHARPANDE	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
10.	SAKSHI BARAPATRE	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
11.	FALGUNI P. DANDEKAR	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
12.	GAYATRI S. MANDALE	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
13.	SHRUTIKA LAXANE	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
14.	KHUSHBU N. MOUNDEKAR	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
15.	KOMAL V. HEDAU	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
16.	KUNAL B. WANKHEDE	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
17.	VAISHNAVI KALE	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
18.	VAISHNAVI BURADKAR	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
19.	NEHA B. KAWALKAR	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
20.	SHEFALI ANKAR	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
21.	NISHODH D. MAHAJAN	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
22.	PAPIHA S. KHANDEKAR	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
23.	PRATIKSHA G. KHEKADE	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
24.	PRAVARTIKA R. GANVIR	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
25.	SAKSHI AKRE	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
26.	ROSHNI R. BHANDAKKAR	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
27.	VAISHANVI	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB

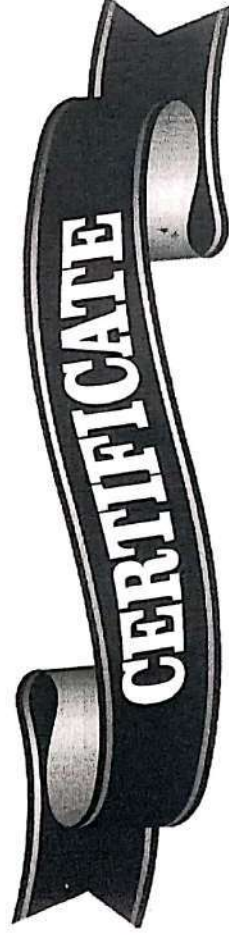
PRIN
Kamla Nehru
Sakkardara C



PRIN
Kamla Nehru
Sakkardara C



Rashtrasant Tukadoji Maharaj Nagpur University Board of Lifelong Learning and Extension



Awards this certificate to Shri/Smt./Miss. *Shriwani V. Marathe* on
Satisfactory completion of the *Baccalaureate*
..... Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong
Learning and Extension in collaboration with Department of *Cosmetic Technology*
Kamla Nehru Mahavidyalaya, Nagpur from *10-02-2020 to 09-03-2020*

He/She Passed at the Examination in Grade *A*.....

[Signature]

Course Co-ordinator

[Signature]

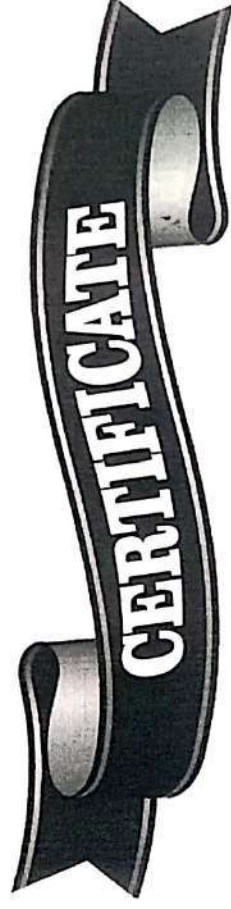
Principal
Kamla Nehru Mahavidyalaya,
Nagpur

[Signature]

Director
Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University



Rashtrasant Tukadoji Maharaj Nagpur University Board of Lifelong Learning and Extension



Awards this certificate to *Shri/Smt./Miss. ... P. Dandekar* on
Satisfactory completion of the
..... Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong
Learning and Extension in collaboration with Department of *Cosmetic Technology*
Kamla Nehru Mahavidyalaya, Nagpur from *12-02-2020 to 09-03-2020*

He/She Passed at the Examination in Grade *A*

gn

Course Co-ordinator

KA

Principal

Kamla Nehru Mahavidyalaya,
Nagpur

pr

Director

Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University



WANJARI GROUP
WAGHAPUR

Rashtrasant Tukadoji Maharaj Nagpur University Board of Lifelong Learning and Extension



Awards this certificate to Shri/Smt./Miss. *Laxmipri D. Mane* on
Satisfactory completion of the *Recognition*
..... Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong
Learning and Extension in collaboration with Department of *Cosmetic Technology*
Kamla Nehru Mahavidyalaya, Nagpur from *10-02-2020 to 09-03-2020*

He/She Passed at the Examination in Grade *A*

gnw
Course Co-ordinator

Principal
Kamla Nehru Mahavidyalaya,
Nagpur

Director
Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University

cosmetic

Kamla Nehru Mahavidyalaya
Department of Cosmetic Technology
Student Fieldwork (Hands on Training)
Vimal Life Sciences Pvt. Ltd., Andheri, Mumbai
Session 2019-20

Aim and Objective-

1. To inculcate knowledge of Industrial Working atmosphere.
2. To create awareness about recent trends in Cosmetic Industries.
3. To throw light on various new chemicals, instruments and technologies used by industries.
4. To build professional attitude amongst students regarding industrial working.

Students Fieldwork (Hands on Training)-

Students of Department of Cosmetic Technology were invited for Hands on Training Session (3 groups of 5 participants) with innovative project ideas at Vimal Life Sciences Pvt. Ltd., Andheri, Mumbai. Students of B. Tech. Semester VIII and M.Tech. Semester IV participated in the Training session carried out by Vimal Life Sciences Pvt. Ltd., Andheri, Mumbai on 11-02-2020 to 12-02-2020. Under this students got training from various departments of the said Industry. Students were allotted with small projects and were provided with required chemicals. Students completed given projects and submitted reports.

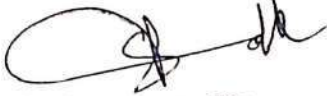
Number of students participating in Hands on Training: 15

• **Outcome of the Activity –**

- 1) Students get knowledge of Industrial working.
- 2) Hands on training helped to build professional attitude among students.
- 3) Students become benefitted by observing various new chemicals, Instruments, packaging and filling technologies, etc. of Industries.
- 4) Students got opportunity to complete recent projects given by industry.

Number of Beneficiaries – 15


H. O. D.
Cosmetic Technology
Kamla Nehru Mahavidyalaya
Sakkardara Square, Nagpur


Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur



Amar Sewa Mandal's

Kamla Nehru Mahavidyalaya, Nagpur

(NAAC Re-accredited with A+ grade -CGPA 3.53)

(8)



**Department of Botany
Organizing
Certificate Course
2019-2020**

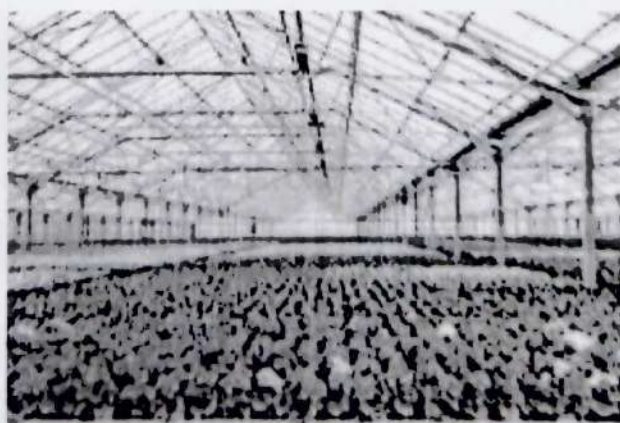
Course highlight

↓ Certificate course (60 hrs.)

Date: 16/09/2019 to 05/10/2019

- Nursery Techniques with Special Reference to Floriculture

For admission contact: Dr. V. Y. Charjan
Head, Department of Botany
Mb. No.- 9373767784



Patrons:

Hon'ble Dr. Smt. Suhasini Wanjari
President, Amar Seva Mandal
Nagpur

Hon'ble Adv Abhijit Wanjari
MLC and Secretary,
Amar Seva Mandal, Nagpur

Hon'ble Dr. Smeetaa Wanjari
Treasurer, Amar Seva Mandal
Nagpur

Organizer:

Dr. Dilip Badwaik
Principal

To

The principal
Kamla Nehru Mahavidyalaya
Nagpur

Subject : Permission for organizing a skill based short term certificate course on
"Nursery Technique with special reference to Floriculture"

Respected sir,

Department of Botany is planning to organize a **Skill Based Short Term Certificate Course** on "Nursery Technique with special reference to Floriculture" from **16 sept. 2019 to 5 oct. 2019** as a departmental activity. Kindly grant permission to organize the above activity

Hope my application will be considered by you.

Yours faithfully,

Head, Dept. of Botany

Officiating Principal
Kamla Nehru Mahavidyalaya
Sukkarbura Chowk, Nagpur

Kamla Nehru Mahavidyalaya, Nagpur

Department Of Botany

Certificate Course

**Topic: - Nursery Techniques With Special Reference To
Floriculture**

Proposed syllabus:-

Module 1 :- Basic Information About Nursery And Nursery Production.

Module 2 :- Nursery Management And Scope.

Module 3:- Types Of Nursery.

Module 4 :- Tools Required For Nursery Development .

Module 5:- Selection Of Plant For Nursery Development According To Type Of Nursery.

Module 6 :- Selection Of Site And Soil For Nursery.

Module 7 :- Preparation Of Nursery Beds.

Module 8 :- Propagation Of Ornamental Plants By Seeds , Bulbs, And Layering .

Module 9 :- Propagation Of Ornamental Plants By Cutting, Grafting And Budding Etc.

Module 10 :- Plant Protection Measures , Weed Control Irrigation Techniques For Plants.

Module 11:- Environment, Lay Out Manual Fertilization of Nursery.

Module 12 :- Information About Pests And Disease Of Ornamental Plant.

Module 13 :- Maintenance Of Nursery .

Module 14 ; - Packaging Of Plants For Transportation.

Module 15 :- Selling And Marketing Strategy .


PRINCIPAL

**Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur**



Kamla Nehru Mahavidyalaya

Department of Botany

2019-2020

Time Table

Certificate course on "Nursery Techniques with special reference to Floriculture"

Days	Time
Monday	11:00 AM- 1:00 PM
Tuesday	11:00 AM- 1:00 PM
Wednesday	11:00 AM- 1:00 PM
Thursday	11:00 AM- 1:00 PM
Friday	11:00 AM- 1:00 PM
Saturday	11:00 AM- 1:00 PM
Sunday	11:00 AM- 1:00 PM



Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur.

Kamla Nehru Mahavidyalaya

Department of Botany - 2019-2020

Attendance Sheet

'Nursery Technique with special reference to Floriculture'

Sr no	Name of student	16-Sep	17-Sep	18-Sep	19-Sep	20-Sep	21-Sep	23-Sep	24-Sep	25-Sep	26-Sep	27-Sep	01-Oct	03-Oct	04-Oct	05-Oct
	MSc Sem I															
1	Nanda Meshram	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
2	Pallavi Nayak	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
3	Shrutika	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
4	Gaikwad	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
5	Priyanka	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
6	Damahe	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
7	Manisha Raut	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
8	Rupali Dhawale	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
9	Rutuja Tulankar	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
10	Vaishnavi	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
11	Torkadi	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
12	Deepali Bharade	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
13	Pooja Udole	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
14	Ankita Thakare	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present

[Signature]

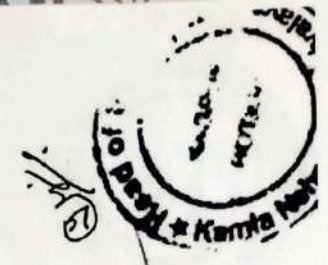
PRINCIPAL
Kamla Nehru Mahavidy
Sakkardara Chowk, Na



Sr no	Name of student	16-Sep	17-Sep	18-Sep	19-Sep	20-Sep	21-Sep	23-Sep	24-Sep	25-Sep	26-Sep	27-Sep	01-Oct	03-Oct	04-Oct	05-Oct
28	Bhagyashri Dewalkar	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
29	Kavita Chopade	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
30	Ruchita Padole	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
31	Sonal fusate	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
32	Gauri Pophali	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
33	Kalpataru Thakre	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
34	Privanka Thakre	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
	BSC Sem V															
35	Meenali Supare	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
36	Azim Sheik	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
37	Pranali Dadure	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
38	Vaishnavi Dhoble	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
39	Vishakha Bhole	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
40	Sneha Mengare	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
41	Pragati Ambildhuke	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
42	Nisha Churad	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
43	Samiksha Makde	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present

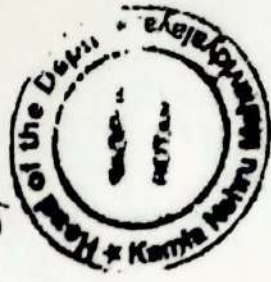
(Signature)

PRINCIPAL
Kamla Nehru Mahavid
Sakkardara Chowk, Ni



PRINCIPAL

PRINCIPAL

[illegible]



Amar Seva Mandal's

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR



"A" Grade Reaccredited by NAAC
Sakkardara Square, Nagpur - 440 024
Maharashtra, India

Certificate

*Skill Based Short Term Certificate Course on
Nursery Techniques With Special Reference to Floriculture*

16 Sept. - 05 Oct., 2019

This is to certify that *Mr. / Ms. Nanda Meshram*

_____ has participated & satisfactorily completed skill based short term certificate course

On "Nursery Techniques With Special Reference to Floriculture" Organized for Students of Undergraduate & Post Graduate
from 16 Sept. - 5 Oct, 2019

Wanjari

Adv. Abhijit G. Wanjari
Secretary
(ASM)

[Signature]
Principal

[Signature]

Dr. V. Y. Charjan
Head, Department of Botany



Amar Seva Mandal's

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR



"A" Grade Reaccredited by NAAC

Sakkardara Square, Nagpur - 440 024

Maharashtra, India

Certificate

*Skill Based Short Term Certificate Course on
Nursery Techniques 'With Special Reference to Floriculture*

16 Sept. - 05 Oct., 2019

This is to certify that Ms. Vaishnavi Tokkar

_____ has participated & satisfactorily completed skill based short term certificate course

On "Nursery Techniques 'With Special Reference to Floriculture'" Organized for Students of Undergraduate & Post Graduate
from 16 Sept. - 5 Oct, 2019

Vaishnavi

Adv. Abhijit G. Wanjari
Secretary
(ASM)

[Signature]
Principal

[Signature]

Dr. V. Y. Charjan
Head, Department of Botany



Amar Seva Mandal's

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR



"A" Grade Reaccredited by NAAC
Sakkardara Square, Nagpur - 440 024
Maharashtra, India

Certificate

*Skill Based Short Term Certificate Course on
Nursery Techniques With Special Reference to Floriculture*

16 Sept. - 05 Oct., 2019

This is to certify that *Ms. / Ms. Ankita Thakare*

_____ has participated & satisfactorily completed skill based short term certificate course

On "Nursery Techniques With Special Reference to Floriculture" Organized for Students of Undergraduate & Post Graduate
from 16 Sept. - 5 Oct, 2019

Adv. Abhijit G. Wanjari
Secretary
(ASM)

Dr. V. Y. Charjan
Head, Department of Botany



Amar Seva Mandal's

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR



"A" Grade Reaccredited by NAAC

Sakkardara Square, Nagpur - 440 024

Maharashtra, India

Certificate

*Skill Based Short Term Certificate Course on
Nursery Techniques 'With Special Reference to Floriculture*

16 Sept. - 05 Oct., 2019

This is to certify that *Mr. / Ms. Bhagyashree Sabare*

has participated & satisfactorily completed skill based short term certificate course

On "Nursery Techniques 'With Special Reference to Floriculture'" Organized for Students of Undergraduate & Post Graduate

from 16 Sept. - 5 Oct, 2019

Wanjari

Adv. Abhijit G. Wanjari
Secretary
(ASM)

[Signature]
Principal

[Signature]
Dr. V. Y. Charjan
Head, Department of Botany



Amar Seva Mandal's

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR



"A" Grade Reaccredited by NAAC

Sakkardara Square, Nagpur - 440 024

Maharashtra, India

Certificate

*Skill Based Short Term Certificate Course on
Nursery Techniques With Special Reference to Floriculture*

16 Sept. - 05 Oct., 2019

This is to certify that *Ms. / Ms. Pejeynka Thakee*

_____ has participated & satisfactorily completed skill based short term certificate course

On "Nursery Techniques With Special Reference to Floriculture" Organized for Students of Undergraduate & Post Graduate

from 16 Sept. - 5 Oct, 2019

Adv. Abhijit G. Wanjari
Secretary
(ASM)

Principal

Dr. V. Y. Charjan
Head, Department of Botany

Kamla Nehru Mahavidyalaya
Department of Botany
Skill based Short term Certificate Course
2019-20

Department of Botany organised a 20 days skill based certificate course on "Nursery Technique with special reference to Floriculture" from 16 September 2019 to 5 October 2019 for UG and PG as a departmental activity.

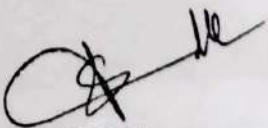
Objective: The main objective behind organising such a skill based certificate course is to develop their skills in various aspects as co-curricular activity. Nursery development is a skill full course and help in development of entrepreneurship.

Nature of activity: This skill based short term certificate course was organised for enhancing students skills. During this following activities were taken which includes various sessions on nursery technique methodology, demonstration of various nursery technique with the help of experts such as Dr. Rekha Maggirwar and Dr. Suchita Khodake secretary and ex-president of Amravati Garden Culb, Amravati and group activity for practical work related to nursery technique were performed by the students.

Outcome

1. Students become aware of various aspects of nursery development.
2. Some students were encouraged to become entrepreneurs in nursery development.
3. Students become aware of various flowering plants and its economic value.
4. Students learned the flowering season of various flowering plants.

No. of beneficiary – Total 60 students of UG and PG get benefited from this skill based short term certificate course including 25 students of UG and 35 students from PG.


PRINCIPAL
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur



Skill based - Short term Certificate Course on -
Nursery tech. with special reference to Horticulture



Dr. Rekha Maggirwar demonstrating pot preparation for Nursery development to students



Mr. Paresh Ninawe demonstrating tech. of grafting on mango plant to students

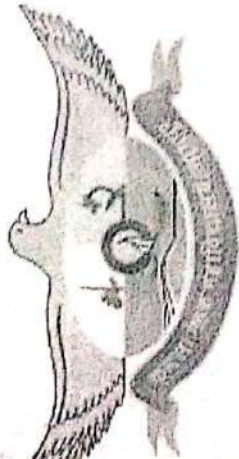
[Signature]

PRINCIPAL
 N. Mahavi
 Chowk, N

[Signature]

Latitude: 21.127255
 Longitude: 79.112692
 Elevation: 312.57m
 Accuracy: 9.5m
 Time: 24-09-2019 11:47
 Note: Certificate course Gra





Kamla Nehru Mahavidyalaya, Nagpur
Affiliated to RTM Nagpur University, recognized by State Government
Re-accredited by NAAC with (A+) grade (CGPA 3.53)
Department of Microbiology
Organizes

Certificate Course on "Cookery & Food Preservation" Under Jeevan Shikshan Abhiyaan RTM Nagpur University

Date : 2nd Mar-2nd May 2020

Ms. Minal Deolekar
HOD Microbiology Dept
Course Co-ordinator

For PG &
UG
Students

2019-20

Committee

Ms. Aarti Dhabekar
Ms. Shikha Soni
Ms. Diksha Bangde
Ms. Bharti Makode
Dr. Shishir Mendhekar

Organizers

Dr. D.S.
Badwaik
(Principal)

Chief patrons

Dr. Suhasini Wanjari President Amar Sewa Mandal Nagpur	MLC Adv. Abhijeet Wanjari Secretary Amar Sewa Mandal Nagpur	Dr. Smeeta Wanjari Treasurer Amar Sewa Mandal Nagpur
---	--	---

PRINCIPAL
Kamla Nehru Mahavidyalaya
Batterdara Chowk



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY
Established by Government of India, Ministry of Education, Government of Maharashtra, 1st August, 1972 &
Recognized by the Government of India, Ministry of Education, Government of Maharashtra, 1st August, 1972 &
Recognized by the Government of India, Ministry of Education, Government of Maharashtra, 1st August, 1972 &

DEPARTMENT OF LIFELONG LEARNING AND EXTENSION

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

To,
The Principal
Kamla Nehru Mahavidyalaya,
Nagpur.

No.DOLLE/334/20
Dated : 25.01.2020

**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, I am to inform you that your proposal has been accepted by the Department 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	Duration	No. of Candidates to be admitted	Fees to be Charged per Student	Fees to be Deposited With the Deptt.
1	Certificate Course in General Methodology	15 days	50	200/-	10%
2	Certificate Course in Biofertilizer formulation from Agricultural Waste and Crop Improvement through Biotechnology	1 Month	50	1000/-	10%
3	Certificate Course in Cookery and Food Preservation	8 Weeks	30	500/-	10%
4	Certificate Course in Agricultural Waste Management	1 Month	50	300/-	10%
5	Certificate Course in Domestic Appliances	1 Month	50	200/-	10%
6	Certificate Course in Beautification	1 Month	25	300/-	10%
7	Certificate Course in Quantitative Aptitude	12 Weeks	30	300/-	10%
8	Certificate Course in Communication Skills for the Students of Social Science	2 Weeks	50	50/-	10%

Chem
BioTech
Micro Bio
EVS
Physics
Cosmetic
Maths
Soc-Sci

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

1. This sanction is valid for this particular Batch only.
2. Fees for the course should be charged as per the norms prescribed.
3. Expenditure on the course should be incurred as per norms.
4. Course should be started within a Month from the date of sanction. Please communicate your acceptance within a month and submit the Initial Report
5. Submit the List of Students admitted in the excel format attached herewith.

DEPARTMENT OF MICROBIOLOGY

KAMLA NEHRU MAHAVIDYALAYA

CERTIFICATE COURSE IN COOKERY AND FOOD PRESERVATION

SYLLABUS

OBJECTIVES :

- To impart students with basic knowledge relating to food safety and principle of preservations.
- To introduce them to the concept of processing and preservation of fruits and vegetables.

SYLLABUS

SR.NO.	CONTENT	NO.OF LECTURES
1.	UNIT I PURPOSE AND SCOPE OF PRESERVATION • Objectives of preservation and processing. • Scope of preservation industry in India.	5

Syllabus.

2.	UNIT II FRUITS AND VEGETABLE PROCESSING SAUCES AND BEVERAGES A.CHUTNEY AND SAUCES • Definition. • Method of preservation. • Steps in preservation of chutney. • Steps in preservation of sauces. B.FRUIT BEVERAGES • Definition and classification • Method of preservation. • Pasteurization. • Use of chemical preservatives. • Role of other ingredients.	13
----	---	----

3.	UNIT III PRINCIPLE AND METHOD OF PRESERVATION • Asepsis • Use of low temperature. • Use of high temperature. • Removal of moisture. • Removal of air. • Use of chemical preservatives. • Fermentation. • Eradiation. • Gas preservation.	12
----	--	----

4.	UNIT IV POST HARVEST CHANGES AND SPOILAGE * Physical chemical and microbiological changes in fruits and vegetables. * Factors affecting growth of microorganisms and the control measures.	10
5.	UNIT V FOOD SAFETY • Key Terms, Factors affecting food safety, Recent concern. • Food laws, standards and regulations. • Food additives and contaminants. • Hygiene and Sanitation. • HACCP.	20

PRACTICALS

OBJECTIVES

- To familiarise the students with preserved fruit and vegetable product in the market
- To equip them with skills required for preservation, packaging and evaluation of fruit beverages, ketchup, sauce and chutney.

Practicals :

1. Sterilization of bottles.
2. Market survey of preserved fruit and vegetable products.
3. Preparation, packaging, sensoring/objectives evaluation and costing of :

- **Sauces** : chilly sauce and tomato sauce.
- **Ketchup** : tomato ketchup
- **Chutney** : tomato and imli chutney
- **Squash** : lemon, orange and pineapple.
- **Serup** : rose, almond serup.

4. Preparation of labels for preserved food.

Outcome :

Job placements in dairy, quality control and food industries .



Principal

Kamra Nenru Mahavidyalaya
Sakkardara Chowk, Nagpur

KAMLA NEHRU MAHAVIDYALAYA
DEPARTMENT OF MICROBIOLOGY
COOKERY AND FOOD PRESERVATION
IN COLLABORATION WITH LIFELONG LEARNING AND EXTENTION,NAGPUR
UNIVERSITY NAGPUR.
SESSION 2019-20
DURATION 2 MONTH

TIME TABLE

SR.NO.	DAYS	11.45-12.30	12.30-1.15
1	Monday	MD	AD
2	Tuesday	SK	AK
3	Wednesday	RT/Dr.RS	RT/Dr.RS
4	Thursday	LS	NS
5	Friday	LS(PRACTICAL)	LS(PRACTICAL)
6	Saturday	LS(PRACTICAL)	LS(PRACTICAL)

MD-Minal Deolekar

AD-Aarti Dhabekar

SK-Sonali Kumarwar

NS-Neha Sheikh

AS-Ashwini Kasulkar

RS-Dr.Rajendra Shah

RK -Rakesh Thakre

LS -Latika Shendre


Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

KAMLA NEHRU MAHAVIDYALAYA
SAKKARDARA NAGPUR
DEPARTMENT OF MICROBIOLOGY
ATTENDANCE SHEET
CERTIFICATE COURSE "COOKERY & FOOD PRESERVATION"

CLASS:

YEAR:

2019 - 20

Sr. no	NAME OF STUDENT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1	Ananya Zilpe	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ
2	Yogeeeta Rawal	YR	YR	YR	YR	YR	YR	YR	YR	YR	YR	YR	YR	YR	YR	YR	YR	YR	YR	YR	YR	YR	YR	YR	YR	YR	YR	YR	YR	YR	YR	YR
3	Shraddha Khandelkar	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK
4	Hitenra Pawar	HP	HP	HP	HP	HP	HP	HP	HP	HP	HP	HP	HP	HP	HP	HP	HP	HP	HP	HP	HP	HP	HP	HP	HP	HP	HP	HP	HP	HP	HP	HP
5	Damini Kalkde	DK	DK	DK	DK	DK	DK	DK	DK	DK	DK	DK	DK	DK	DK	DK	DK	DK	DK	DK	DK	DK	DK	DK	DK	DK	DK	DK	DK	DK	DK	DK
6	Vaishnavi Balbude	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB
7	Priya Dagaade	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD
8	Eklav Nhaske	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM
9	Divya Shende	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS
10	Vaideti Bodele	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB
11	Pariti Ramteke	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR
12	Nikita Lute	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
13	Teuphi Shende	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS
14	Teuphi Hattwar	NH	NH	NH	NH	NH	NH	NH	NH	NH	NH	NH	NH	NH	NH	NH	NH	NH	NH	NH	NH	NH	NH	NH	NH	NH	NH	NH	NH	NH	NH	NH
15	Mahad Ramani	M.R	M.R	M.R	M.R	M.R	M.R	M.R	M.R	M.R	M.R	M.R	M.R	M.R	M.R	M.R	M.R	M.R	M.R	M.R	M.R	M.R	M.R	M.R	M.R	M.R	M.R	M.R	M.R	M.R	M.R	M.R
16	Kamishma Thakkar	KT	KT	KT	KT	KT	KT	KT	KT	KT	KT	KT	KT	KT	KT	KT	KT	KT	KT	KT	KT	KT	KT	KT	KT	KT	KT	KT	KT	KT	KT	KT
17	Pragati Udagurkar	PU	PU	PU	PU	PU	PU	PU	PU	PU	PU	PU	PU	PU	PU	PU	PU	PU	PU	PU	PU	PU	PU	PU	PU	PU	PU	PU	PU	PU	PU	PU
18	Trina Phaniwar	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP
19	Samdhya Lendekar	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL
20	Purnima Chaudhary	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC
21	Ritu Tiwari	RT	RT	RT	RT	RT	RT	RT	RT	RT	RT	RT	RT	RT	RT	RT	RT	RT	RT	RT	RT	RT	RT	RT	RT	RT	RT	RT	RT	RT	RT	RT
22	Ruchi Khodalkar	RK	RK	RK	RK	RK	RK	RK	RK	RK	RK	RK	RK	RK	RK	RK	RK	RK	RK	RK	RK	RK	RK	RK	RK	RK	RK	RK	RK	RK	RK	RK
23	Dipali Gajiwad	DG	DG	DG	DG	DG	DG	DG	DG	DG	DG	DG	DG	DG	DG	DG	DG	DG	DG	DG	DG	DG	DG	DG	DG	DG	DG	DG	DG	DG	DG	DG
24	Mamunali Lanje	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML

PRINCIPAL

Kamla Nehru Mahavidyalaya
 Sakkardara Chowk, Narmur

pendence

CLASS		YEAR																														
Sl. No	NAME OF STUDENT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1	...																															
2	...																															
3	...																															
4	...																															
5	...																															
6	...																															
7	...																															
8	...																															
9	...																															
10	...																															
11	...																															
12	...																															
13	...																															
14	...																															
15	...																															
16	...																															
17	...																															
18	...																															
19	...																															
20	...																															
21	...																															
22	...																															
23	...																															
24	...																															
25	...																															
26	...																															
27	...																															
28	...																															
29	...																															
30	...																															
31	...																															



Rashtrasant Tukadoji Maharaj Nagpur University Board of Lifelong Learning and Extension



Awards this certificate to Shri/Smt./Miss. Payal Mangaldeo Laxane on
Satisfactory completion of the Cookery & food Preservation
2019-20 Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong
Learning and Extension in collaboration with Department of Microbiology
Kamla Nehru Mahavidyalaya, Nagpur from 02.03.20 to 02.05.20.

He/She Passed at the Examination in Grade A.....

[Signature]
Course Co-ordinator

[Signature] M
Principal
Kamla Nehru Mahavidyalaya,
Nagpur

[Signature]
Director
Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University



Rashtrasant Tukadoji Maharaj Nagpur University Board of Lifelong Learning and Extension



Awards this certificate to Shri/Smt./Miss. Nadia Sheikh on
Satisfactory completion of the Cookery & food Preservation
..... 2019-20 Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong
Learning and Extension in collaboration with Department of Microbiology
Kamla Nehru Mahavidyalaya, Nagpur from 02/03/20 to 02/05/20.

He/She Passed at the Examination in Grade A+.....

Course Co-ordinator

Principal

Kamla Nehru Mahavidyalaya,
Nagpur

Director

Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University



Rashtrasant Tukadoji Maharaj Nagpur University
Board of Lifelong Learning and Extension



Awards this certificate to Shri/Smt./Miss. Aarti Khushal Mandakare on
Satisfactory completion of the Cookery & food Preservation
2019 - 20 Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong
Learning and Extension in collaboration with Department of Microbiology
Kamla Nehru Mahavidyalaya, Nagpur from 02.03.20 to 02.05.20.

He/She Passed at the Examination in Grade A.....

Course Co-ordinator

Principal

Kamla Nehru Mahavidyalaya,
Nagpur

Director

Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University



Rashtrasant Tukadoji Maharaj Nagpur University
Board of Lifelong Learning and Extension



Awards this certificate to Shri/Smt./Miss. **Tejoshi Hatwale** on
Satisfactory completion of the **Cookery & food Preservation**
..... **2019 - 20** Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong
Learning and Extension in collaboration with Department of **Microbiology**
Kamla Nehru Mahavidyalaya, Nagpur from **02.10.2020 to 02.05.2020** .

He/She Passed at the Examination in Grade **A**t.....

Course Co-ordinator

Principal

Kamla Nehru Mahavidyalaya,
Nagpur

Director

Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University



Rashtrasant Tukadoji Maharaj Nagpur University
Board of Lifelong Learning and Extension



Awards this certificate to Shri/Smt./Miss. Mind M. Rangari on
Satisfactory completion of the Cookery & Food Preservation
2019-20 Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong
Learning and Extension in collaboration with Department of Micobiology
Kamla Nehru Mahavidyalaya, Nagpur from 02/03/20 to 02/05/20.

He/She Passed at the Examination in Grade A+

Course Co-ordinator

Principal
Kamla Nehru Mahavidyalaya,
Nagpur

Director
Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University

KAMLA NEHRU MAHAVIDYALAYA NAGPUR

DEPARTMENT OF MICROBIOLOGY

REPORT CERTIFICATE COURSE

SESSION 2019-2020

OBJECTIVES :

- To train students to actively participate in every facet of the country's growing food industry.
- To spread awareness in the community about the science of Technology of food processing for use in the household and cottage centre.
- To develop spirit among students for inspiring them to set up their own facilities.

NATURE OF CERTIFICATE COURSE

Department of Microbiology conducted university recognized short term certificate course on "Cookery and Food Preservation" under Jeevan Shikshan Abhiyan during 2ND March to 2nd May 2020. All the faculty members of Department of Microbiology were appointed for this course. Inauguration of the course was done by Dr. Rajesh Shah, Head Department of Microbiology, J.M. Patel college Bhandara and Dr. Rakesh Thakre, Assistant Professor Y.C. College, Lakhandur. Guest Lectures by Dr. Latika Shendre were also arranged for theory and practicals. Students of B.Sc and M.Sc. were participated in this course.

BENEFICIARIES : 42 students were benefitted .

OUTCOME: Students got knowledge about-

- Important pathogens and spoilage of microorganisms in foods.
- Basic principles of common food preservation methods.

- Basic principles and practices of cleaning and sanitation in food preparation operations.
- The effect of common food preparation methods and food storage conditions on survival and growth of microbial contaminants.

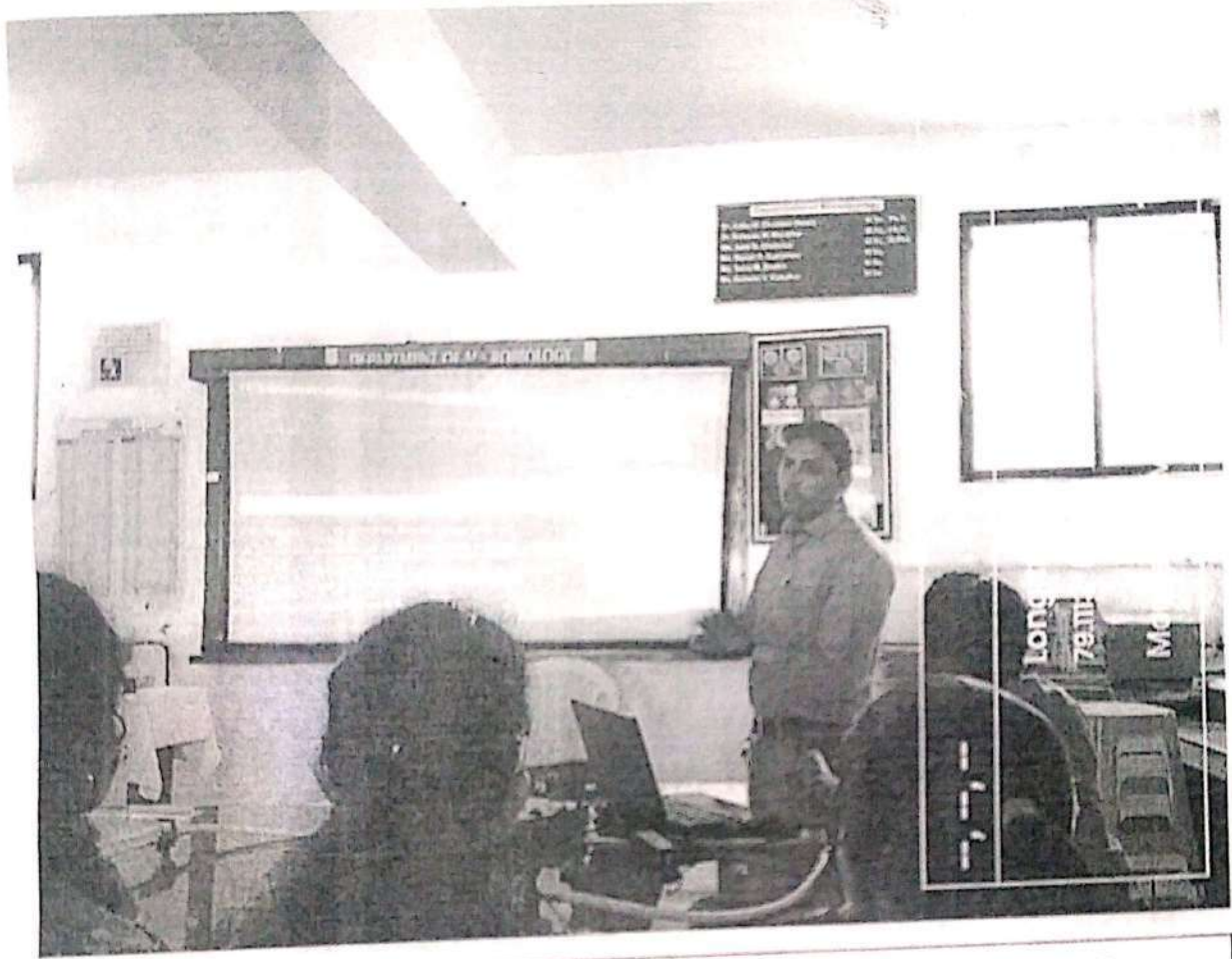

Head
Department of Microbiology
Kamla Nehru Mahavidyalaya
Nagpur


PRINCIPAL
Kamla Nehru Mahavidyalaya
Bakkardara Chowk, Nagpur

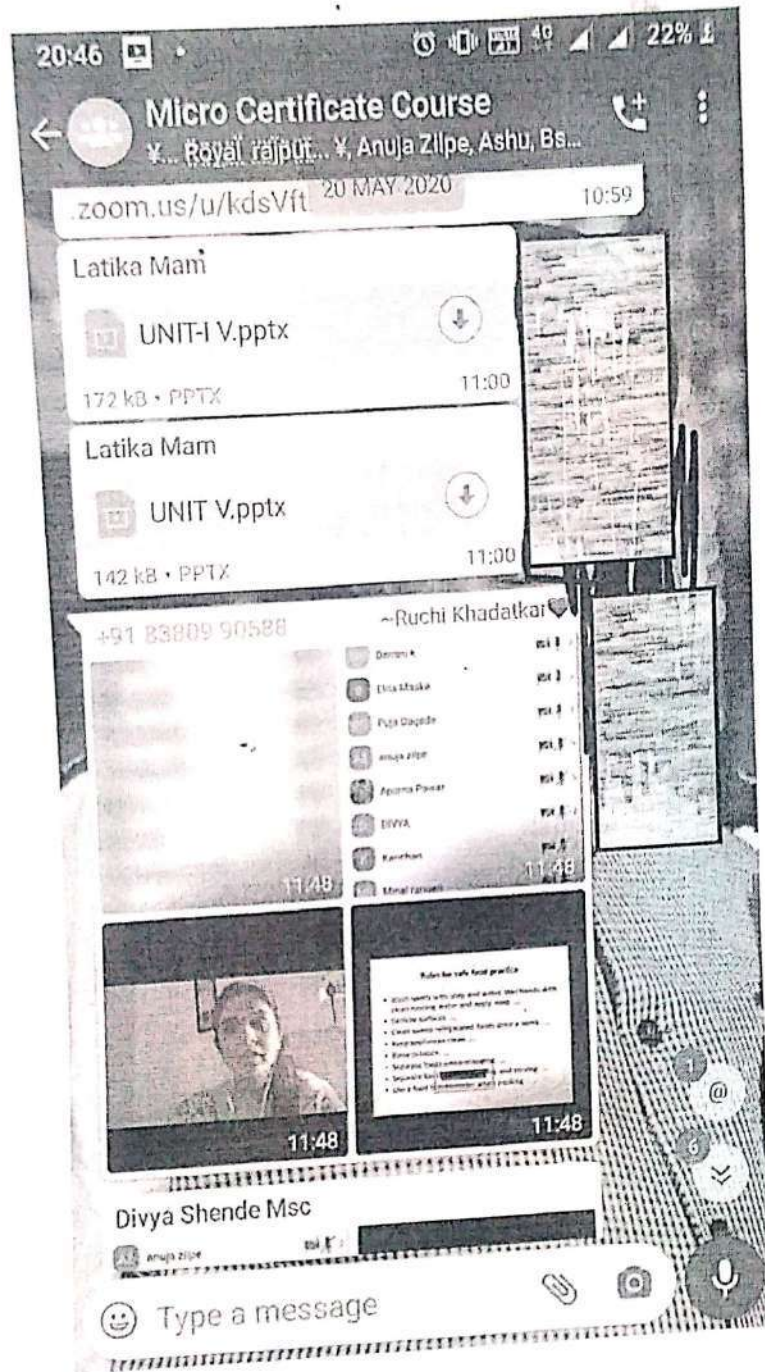
Inauguration Program of Certificate course on "Cookery and food preservation" by Dr. Shikha Pandey
Department of Microbiology (Associate Professor), Department of Microbiology, J.M.P. college
Bhandara & Dr. Rajesh Thakre Assistant professor Y.C. college Lohandolga



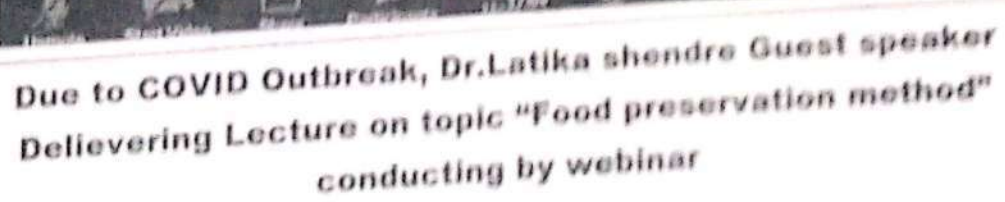
[Handwritten signature]



**Dr. Rakesh Thakre, Assistant Professor Y.C. college, Lakhandur
Department of Microbiology Delivering lecture on Cookery and Food
preservation**



[Handwritten signature]



Due to COVID Outbreak, Dr.Latika shendre Guest speaker
Delievering Lecture on topic "Food preservation method"
conducting by webinar

DEPARTMENT OF MICROBIOLOGY



Longitude Latitude

0°C

Monday, 02, Mar, 2020

10:49 AM



Registration

Fees: Rs. 200 /-

**Limited Seats are
available**

**Last Date of
Registration
30th August
2019**

Contact Details

Head of

Department

Prof. V. R. Kharabe

7709118666

Co-ordinator

Dr. A. P. Mahajan

8805934777

Amar Sewa Mandal's

KAMILA NEHRU MAHAVIDYALAYA

Sakardara Square, Nagpur - 440024

A+ GRADE RE-ACCREDITED BY NAAC With 3.53 CGPA

Department of Physics

2019-2020

Organizes

**"Skill Oriented Certificate Course on"
Maintenance of Domestic Appliances**

03 rd September - 03 rd October 2019

Duration: 30 Hrs

- **Short-term one month (Add-on) Certificate course**
- **Excellent opportunities for the U.G. and P.G. students**
- **Developing self-ability and provide self-employment opportunities to the students**
- **To develop "Earning with Learning" concept on the principle of Electrical engineering.**

10

phys

Academic Sesion 2019-2020



Kamla Nehru Mahavidyalaya, Nagpur

Department of Physics

Syllabus

Skill Oriented Certificate Course

on

Maintenance and Repairing of Domestic Appliances

Duration: One Month

Course Fees: Rs. 200/-

RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY
Established by Government of Central Provinces Education Department by Notification No. 613 dated the 1st of August, 1922 & presently a State University governed by Maharashtra Public Universities Act, 2010 (Mah. Pub. U. Act, 2010)

DEPARTMENT OF LIFELONG LEARNING AND EXTENSION

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

To,
The Principal
Kamla Nehru Mahavidyalaya,
Nagpur.

No.DOLLE/334/20

Dated : 24.01.2020

**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, I am to inform you that your proposal has been accepted by the Department 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	Duration	No. of Candidates to be admitted	Fees to be Charged per Student	Fees to be Deposited With the Deptt.
1	Certificate Course in General Methodology	15 days	50	200/-	10%
2	Certificate Course in Biofertilizer formulation from Agricultural Waste and Crop Improvement through Biotechnology	1 Month	50	1000/-	10%
3	Certificate Course in Cookery and Food Preservation	8 Weeks	30	500/-	10%
4	Certificate Course in Agricultural Waste Management	1 Month	50	300/-	10%
5	Certificate Course in Domestic Appliances	1 Month	50	200/-	10%
6	Certificate Course in Beautification	1 Month	25	300/-	10%
7	Certificate Course in Quantitative Aptitude	12 Weeks	30	300/-	10%
8	Certificate Course in Communication Skills for the Students of Social Science	2 Weeks	50	50/-	10%

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

1. This sanction is valid for this particular Batch only.
2. Fees for the course should be charged as per the norms prescribed.
3. Expenditure on the course should be incurred as per norms.
4. Course should be started within a Month from the date of sanction.
Please communicate your acceptance within a month and submit the Initial Report
5. Submit the List of Students admitted in the excel format attached herewith.

Skill Oriented Certificate Course Syllabus (2019 - 2020)

1. Introduction

Department of Physics, Kamla Nehru Mahavidyalaya creating Excellent opportunities for the Degree College students by introducing Short Term Certificate courses of One month Duration on 'Maintenance and Repairing of Domestic Appliances', which develops the self-ability. These courses not only develop self-ability but also provide self-employment opportunities to the students and help them to "Earning with Learning".

2. Objectives:

The objectives of the Short Term certificate course on 'Maintenance and Repairing of Domestic Appliances' is to train the students in the following topics

1. To develop the concept on the principles of Electrical engineering.
2. He can able to repair various domestic Appliances such as Table Fan, Ceiling Fan, Mixer Grinder, Cooler, Refrigerator, Motor winding etc.

With these objectives, student gets encouraged for Self-Employment and also creating employment to others. In this way the students could be benefited with 'Earning While Learning' approach.

3. Number of Beneficiaries (Intake): 200 Students (B.Sc) (Will be scheduled in different batches in different slots during the academic year.)

4. Skills to be provided:

The student should be able to repair domestic appliances.

4. Employment Opportunities:

After completion of this course the Trainee can set up his own work-shop. He can take up all types of Electrical works and repairs of various electrical appliances such as electrical motors, Table and Ceiling fans etc.

5. Scheme of Instructions:

Theory	Practical	Total
16 Hours	14 Hours	30 Hours

'Maintenance and Repairing of Domestic Appliances'

Total -30 Hours (2 Credits)

Paper - I

Basic Electrical Engineering and Safety Precautions

Total periods: 08

Max Marks: 30

Major Topics

Sr. No.	Topic	No. Of Periods Alloted
1.	Basic Electrical Engineering	06
2.	Safety Precautions: First Aid	02
	Total	08

Syllabus content:

Basic Electrical Engineering

- 1.1 OHM's Law: Electric current - conductors - insulators Semi-conductors-Electric potential-Resistance-Ohm's Law - Resistances in series and parallel simple problem.
- 1.2 Work-power-Energy: Definitions of work, power & energy simple problems on power & energy, DC, A.C. power
- 1.3 Cells: primary cells - secondary cells - lead acid cell construction and working - efficiencies of cells defects in cells - charging methods - maintenance.

Safety Precautions: First Aid

Precaution to be taken at various stages, while handling tools during wiring- electric fire- precautions against shocks-first aid artificial respiration.

Lab - I

Electrical Lab

Practical No. 01

Max Marks: 20

Total Periods 07

- 1. Measurement of power of a Appliance / Circuit
- 2. Testing and charging of cells
- 3. To Verify Ohm's Law
- 4. Connecting, starting of running and reversing of a I-Q capacitor motor.

Paper - II

Domestic Appliances

Total periods: 08

Max Marks: 30

Major Topics

Sr. No.	Topic	No. Of Periods Allotted
1.	Heating Appliances	04
2.	Motorise and Other Appliances	04
	Total	08

Syllabus content:

Heating Appliances:

Electric Iron - Electric Stove - Immersion heater Geyser - Table lamp - Testing & Repairing. A.C. Motor Winding

Motorised Appliances:

Electric Fans (Ceiling Fan, Table Fan, Pedestal Fan etc.) Electric Mixer - coat Grinders - Coasting Machine - vacuum cleaner - Electric Hand drill - Domestic water pump sets : Installation, Testing, Servicing and Repairing of above Mentioned Appliances.

Other Appliances:

Installation, Testing, Servicing and Repairing of Emergency Light - Invertors.

Lab - II

Domestic Appliances Lab

Practical No. 02

Total Periods 07

Max Marks: 20

1. Testing of various Domestic Appliances mentioned in the Theory Subject - II
2. Dismantling of various Domestic Appliances mentioned

Kamla Nehru Mahavidyalaya, Nagpur
Department of Physics

Time Table

Skill Oriented Courses

Course Name: **Certificate course in Domestic Appliances**
Academic Session 2019-2020

Duration: 3rd Sept. 2019 to 3rd Oct. 2019
(One Month)

Day/Time	9.30 to 10.15	10.15 to 11.00
Monday	VRK (Theory)	
Tuesday	SPP (Theory)	
Wednesday	APM (Theory)	
Thursday	-----VKC (Practical)-----	
Friday	-----VKC (Practical)-----	
Saturday	-----VKC (Practical)-----	

VRK - Mrs. V. R. Kharabe

SPP - Dr. S. P. Puppalar,

APM - Dr. A. P. Mahajan

Kamla Nehru Mahavidyalaya, Nagpur

Mr. V. K. Chaudhary, Instructor, Bitcon ITI, Nagpur

Note: One Day Field visit will be arranged on Saturday 21/09/2019 at Bitcon ITI, Nandanvan, Nagpur.

Principal
Kamla Nehru Mahavidyalaya
Nagpur

Department of Physics

Attendance Sheet

Skill Oriented Courses

Course Name: Certificate course in Domestic Appliances

Duration: 3rd Sept. 2019 to 3rd Oct. 2019 (One Month)

Academic Session 2019-2020

[illegible]

Kamla Nehru Mahavidyalaya, Nagpur
Department of Physics

Attendance Sheet

Skill Oriented Courses

Course Name: Certificate course in Domestic Appliances

Academic Session 2019-2020

Duration: 3rd Sept. 2019 to 3rd Oct. 2019 (One Month)

[illegible]

Kamla Nehru Mahavidyalaya, Nagpur
Department of Physics

Attendance Sheet

Skill Oriented Courses

Course Name: Certificate course in Domestic Appliances

Academic Session 2019-2020

Duration: 3rd Sept. 2019 to 3rd Oct. 2019 (One Month)

Sr. N.	Name of Students	03/09	04/09	05/09	07/09	09/09	11/09	12/09	13/09	14/09	16/09	17/09	18/09
51.	Mr. Mangesh Sombare	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr
52.	Mr. Chetan Khandse	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr
53.	Mr. Aditya Helwarkar	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr
54.	Mr. Prayakta Bhaukar	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr
55.	Ms. Sarangi Bhujade	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr
56.	Ms. Nidhi Salunke	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr
57.	Mr. Sumita Shahu	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr
58.	Mr. Anshul Chimmurkar	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr
59.	Mr. Pranay Gotmare	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr
60.	Ms. Rajashree Joshi	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr
61.	Ms. Supriya Patane	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr
62.	Mr. Vaibhav S. Hajare	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr
63.													
64.													
65.													
66.													
68.													
69.													
70.													
71.													
72.													
73.													
74.													
75.													


Principal

Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Department of Physics

Skill Oriented Courses

Course Name: Certificate course in Domestic Appliances

Duration: 3rd Sept. 2019 to 3rd Oct. 2019 (One Month)

Academic Session 2019-2020

Sr. N.	Name of Students	19/09	20/09	21/09	23/09	24/09	25/09	26/09	27/09	28/09	30/09	01/10	03/10
1.	Ms. Nidhi R. Gupta	Disruptive Tasleema	Disruptive Tasleema	Disruptive Tasleema	Disruptive Tasleema	Disruptive Tasleema	Disruptive Tasleema	Disruptive Tasleema	Disruptive Tasleema	Disruptive Tasleema	Disruptive Tasleema	Disruptive Tasleema	Disruptive Tasleema
2.	Ms. Tasleema P. Sheikh	S. G. 101 Disruptive	S. G. 101 Disruptive	S. G. 101 Disruptive	S. G. 101 Disruptive	S. G. 101 Disruptive	S. G. 101 Disruptive	S. G. 101 Disruptive	S. G. 101 Disruptive	S. G. 101 Disruptive	S. G. 101 Disruptive	S. G. 101 Disruptive	S. G. 101 Disruptive
3.	Ms. Shilpa N. Giri	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101
4.	Ms. Diksha A. Naitam	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101
5.	Ms. Sneha A. Matala	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101
6.	Ms. Lovely D. Prasad	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101
7.	Ms. Siddhi D. Sharma	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101
8.	Mr. Shubham K. Wankhade	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101
9.	Mr. Rutvik K. Landge	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101
10.	Mr. Sahil A. Nagpure	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101
11.	Mr. Prajwal V. Rodge	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101
12.	Mr. Prit D. Gawande	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101
13.	Mr. Shaurya Y. Thurgibunwala	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101
14.	Ms. Muskan J. Sheikh	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101
15.	Ms. Rekha S. Nivale	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101
16.	Mr. Sandesh Zade	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101
17.	Ms. Alfiya A. Majeed	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101
18.	Ms. Shilvani S. Tabhane	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101
19.	Ms. Ruchi M. Thakur	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101
20.	Ms. Priyanka R. Thakre	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101
21.	Ms. Damini M. Nanile	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101
22.	Ms. Divya H. Bhuyarkar	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101
23.	Ms. Mayuri R. Bhabhare	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101
24.	Mr. Tushar Thankar	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101
25.	Ms. Vaishnavi M. Vaidya	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101	Disruptive S. G. 101

Department of Physics

Attendance Sheet

Skill Oriented Courses

Course Name: Certificate course in Domestic Appliances

Academic Session 2019-2020

Duration: 3rd Sept. 2019 to 3rd Oct. 2019 (One Month)[illegible]

Kemla Nehru Mahavidyalaya, Nagpur
Department of Physics

Attendance Sheet

Skill Oriented Courses
Course Name: Certificate course in Domestic Appliances

Academic Session 2019-2020

Duration: 3rd Sept. 2019 to 3rd Oct. 2019 (One Month)

Sr. N.	Name of Students	19/09	20/09	21/09	23/09	24/09	25/09	26/09	27/09	28/09	30/09	01/10	03/10
51.	Mr. Mangesh Sambaré	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
52.	Mr. Chetan Khadse	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
53.	Mr. Aditya Helwatkar	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
54.	Ms. Prajakta Bhaurkar	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
55.	Ms. Sarangi Bhujade	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
56.	Ms. Nidhi Salunke	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
57.	Ms. Sunita Shahy	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
58.	Mr. Anshul Chimurkar	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
59.	Mr. Pranay Gotmare	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
60.	Ms. Rajshree Joshi	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
61.	Ms. Supriya Pohare	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
62.	Mr. Vaibhav Haware	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
63.													
64.													
65.													
66.													
68.													
69.													
70.													
71.													
72.													
73.													
74.													
75.													


Principal

Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Kamla Nehru Mahavidyalaya, Nagpur

Department of Physics

Course Name: Certificate course in Domestic Appliances

Field Visit at BITCON III

Academic Session 2019

Date 21st Sept 2019

Signature

Sl
No

Name of Students

✓ 1.	Pranay R. Kailkar B.Sc (Final)	<u>Pranay</u>
✓ 2.	Sunil M. Chakole B.Sc (Final)	<u>Sunil</u>
✓ 3.	Anshul P. Chimurkar - B.Sc III	<u>Anshul</u>
✓ 4.	Aditya S. Helwanekar - B.Sc. III	<u>Aditya</u>
✓ 5.	Pranay R. Gokhale - B.Sc. III	<u>Pranay</u>
✓ 6.	Ritik D. Kalwe - B.Sc. III	<u>Kalwe</u>
✓ 7.	Rupesh S. Ambildhake - B.Sc. III	<u>Rupesh</u>
✓ 8.	Mangesh N. Sambare - B.Sc. III	<u>Sambare</u>
✓ 9.	Mounali O. Thawkar - B.Sc. III	<u>Thawkar</u>
✓ 10.	Nishant K. Vaidya B.Sc (Final)	<u>Vaidya</u>
✓ 11.	Pratiksha I. Bhosale B.Sc. III	<u>Pratiksha</u>
✓ 12.	Sana A. Patil (B.Sc III)	<u>Patil</u>
✓ 13.	Rajshree S. Joshi (B.Sc Final)	<u>Rajshree</u>
✓ 14.	Kajal S. Mishra (B.Sc III)	<u>Kajal</u>
✓ 15.	Riya D. Mishra (B.Sc-III)	<u>Riya</u>
✓ 16.	Pratiksha M. Goswami (B.Sc II)	<u>Pratiksha</u>
✓ 17.	Samiksha M. Goswami (B.Sc III)	<u>Samiksha</u>
✓ 18.	Nidhi Y. Salunke	<u>Salunke</u>
✓ 19.	Neha S. Shivankar	<u>Shivankar</u>
✓ 20.	Minali V. Didpayale	<u>Didpayale</u>
✓ 21.	Saazangi R Bhujade	<u>Bhujade</u>
✓ 22.	Neha B. Warkhede (B.Sc 2nd yr)	<u>Warkhede</u>
✓ 23.	Neha J. Chandanbawne (B.Sc. II)	<u>Chandabawne</u>
✓ 24.	Murdul V. Chichmalakar (B.Sc-II)	<u>Chichmalakar</u>
✓ 25.	Chetan S. Khodse	<u>Khodse</u>
✓ 26.	Manthan A. Ghaiwat	<u>Ghaiwat</u>
✓ 27.	Pranay R. Gurumukhi (B.Sc - III)	<u>Gurumukhi</u>
✓ 28.	Sandesh U. Zade	<u>Zade</u>
✓ 29.	Aniket S. Gaikwad	<u>Gaikwad</u>
✓ 30.	Supriya S. Pohare (B.Sc - III)	<u>Pohare</u>
✓ 31.	Shamika V. Ghurghurwala (B.Sc-III)	<u>Ghurghurwala</u>

Principal

Kamla Nehru Mahavidyalaya
Nagpur

Kamla Nehru Mahavidyalaya, Nagpur

Department of Physics

Course Name: Certificate course in Domestic Appliances
Field Visit at BITCON ITI

Academic Session 2019

Date: 21st Sept. 2019

Sr. No.	Name of Students	Signature
✓ 32.	Muskan Sabhan Sheikh (B.Sc. - III)	Muskan
✓ 33.	Darini Maroti Narule (B.Sc. - III)	Narule
✓ 34.	Divya Harihar Bhuyarkar (B.Sc. III ^{sem})	Divya
✓ 35.	Nidhi Radheshyam Gupta (B.Sc. III ^{sem})	N Gupta
✓ 36.	Tasleema Panteen Sheikh Yusuf (B.Sc. III ^{sem})	Tasleema
✓ 37.	Shilpa Narendra Giri (B.Sc. III ^{sem})	S. Giri
✓ 38.	Ruchi Mahendrasingh Thakur (B.Sc. III ^{sem})	Ruchi
✓ 39.	Shivani Subhash Tabhane	Tabhane
✓ 40.	Afiya M. Sheikh	Afiya
✓ 41.	Priyanka R. Thakur	Priyanka
✓ 42.	Bhagyashmi S. Rehade	Bhagyashmi
✓ 43.	Ancha A. Matar	Ancha
✓ 44.	Tanuja Manoj Maske	Tanuja
✓ 45.	Nikhita Vilas Bhalme	Nikhita
✓ 46.	Sunita P. Chawhan	Sunita
✓ 47.	Diksha A. Naitam	Diksha
✓ 48.	Shubhangi . K. Dharmik	Dharmik
✓ 49.	Lovely Kumari Prasad	Lovely
✓ 50.	Siddhi D. Sharmu	Siddhi
✓ 51.	Pravesh Vivek Rode	Pravesh
✓ 52.	Pooja D. Gawande	Pooja
✓ 53.	Sahil A. Nagpure	Sahil
✓ 54.	Amol M. Meshram	Amol Meshram
✓ 55.	Rutvik. K. Landge	Rutvik
✓ 56.	Vaibhav S. Haidare	Vaibhav
✓ 57.	Tushar Shripadhu Hanekar	Tushar
✓ 58.	Shubham K. Wanikhande	Shubham
✓ 59.	Rishika S. Nivare	Rishika
60.		
61.		
62.		

Principal

Kamla Nehru Mahavidyalaya
 Sakardara Chowk, Nagpur



Amar Sewa Mandal's

KAMLA NEHRU MAHAVIDYALAYA

A⁺ GRADE RE-ACCREDITED BY NAAC with 3.53 CGPA
SAKKARDARA SQUARE, NAGPUR



SKILL ORIENTED COURSE

ON

Domestic Appliances / motor Windings / House Wiring

Organized By

Department Of Physics

★ ★ ★ ★ ★ ★ ★ ★ ★ ★

Certificate

This is to certify that Mr./Mifs. Aniket Gaikwad

has successfully completed the skill orientated course on " Domestic Appliances/Motor Windings/House Wiring "

Conducted during the period 3rd sept 2019 to 3rd oct 2019


Course Coordinator


Head of Department
Dept. of Physics
K.N.M., Nagpur


Principal
K.N.M.,
Nagpur


Adv. ABHIJIT WANJARRI
Secretary, ASM
Nagpur



Amar Sewa Mandal's

KAMLA NEHRU MAHAVIDYALAYA

A+ GRADE RE-ACCREDITED BY NAAC with 3.53 CGPA
SAKKARDARA SQUARE, NAGPUR

SKILL ORIENTED COURSE

ON

Domestic Appliances / motor Windings / House Wiring

Organized By

Department Of Physics

Certificate

This is to certify that Mr./Mids. Manthan S. Ghaiwat

has successfully completed the skill orientated course on " Domestic Appliances/Motor Windings/House/Wiring "

Conducted during the period 3rd sept 2019 to 3rd oct 2019.


Course Coordinator


Head of Department
Dept. of Physics
K.N.M., Nagpur


Principal
K.N.M.,
Nagpur


Adv. ABHIJIT WANJARRI
Secretary, ASM
Nagpur



Amar Sewa Mandal's

KAMLA NEHRU MAHAVIDYALAYA

A+ GRADE RE-ACCREDITED BY NAAC with 3.53 CGPA
SAKKARDARA SQUARE, NAGPUR

SKILL ORIENTED COURSE

ON

Domestic Appliances / motor Windings / House Wiring

Organized By

Department Of Physics

Certificate

This is to certify that Mr./Mifs.

Ritik D. Kane

has successfully completed the skill orientated course on " Domestic Appliances/Motor Windings/House/Wiring "

Conducted during the period 3rd sept 2019 to 3rd oct 2019.

[Signature]
Course Coordinator

[Signature]
Head of Department
Dept. of Physics
K.N.M., Nagpur

[Signature]
Principal
K.N.M.,
Nagpur

[Signature]
Adv. ABHIJIT WANJARRI
Secretary, ASM
Nagpur



Amar Sewa Mandal's

KAMLA NEHRU MAHAVIDYALAYA

A+ GRADE RE-ACCREDITED BY NAAC with 3.53 CGPA

SAKKARDARA SQUARE, NAGPUR

SKILL ORIENTED COURSE

ON

Domestic Appliances / motor Windings / House Wiring

Organized By

Department Of Physics

★ ★ ★ ★ ★ ★ ★ ★ ★ ★

Certificate

This is to certify that Mr./Mifs.

Pranay K. Kalkar

has successfully completed the skill orientated course on "Domestic Appliances/Motor Windings/House/Wiring"

Conducted during the period 3rd sept 2019 to 3rd oct 2019


Course Coordinator


Head of Department
Dept. of Physics
K.N.M., Nagpur


Principal
K.N.M.,
Nagpur


Adv. ABHIJIT WANJARRI
Secretary, ASM
Nagpur





Amar Sewa Mandal's

KAMLA NEHRU MAHAVIDYALAYA

A+ GRADE RE-ACCREDITED BY NAAC with 3.53 CGPA
SAKKARDARA SQUARE, NAGPUR

SKILL ORIENTED COURSE

ON

Domestic Appliances / motor Windings / House Wiring

Organized By

Department Of Physics

★ ★ ★ ★ ★ ★ ★ ★ ★ ★

Certificate

This is to certify that Mr./M/s.

Pranay R. Gurusumukh

has successfully completed the skill orientated course on " Domestic Appliances/Motor Windings/House/Wiring"

Conducted during the period 3rd sept 2019 to 3rd oct 2019.


Course Coordinator


Head of Department
Dept. of Physics
K.N.M., Nagpur


Principal
K.N.M.,
Nagpur


Adv. ABHJIT WANJARRI
Secretary, ASM
Nagpur

KAMLA NEHRU MAHAVIDYALAYA NAGPUR

DEPARTMENT OF PHYSICS

SKILL ORIENTED PROGRAM (2019-20)

Introduction:

Department of Physics, Kamla Nehru Mahavidyalaya creating Excellent opportunities for the School students by introducing Short-term (Add-on) Certificate courses of One month Duration (3rd Sep 2019--3rd Oct 2019) in 'Domestic Appliances', which develops the self-ability. These courses not only develop self-ability but also provide self-employment opportunities to the students and help them to "Earning with Learning".

Objectives:

The objectives of the 'Domestic Appliances' is to train the students in the following topics

1. To develop the concept on the principles of Electrical engineering.
2. He can able to repair various domestic Appliances.

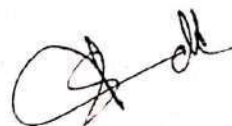
With these above objectives these courses provides Self-Employment and avoids Un-employment

Beneficiaries : 60 Students (B.Sc)

Brief Report

Skill Oriented Certificate course on 'Domestic Appliances' was organized for B.Sc students for one month (3rd Sep 2019 -3rd Oct 2019). Prof. Chaudhary , BITCON ITI College, Nagpur and faculties members Dept. of Physics have taken periods and practicals with Physics Students. Prof. Chaudhary explained the theory of electricity and magnetism, Winding of motors, Repairing of IRON, Mixtures, Lamp Series and other Domestic Appliances followed by practicals .

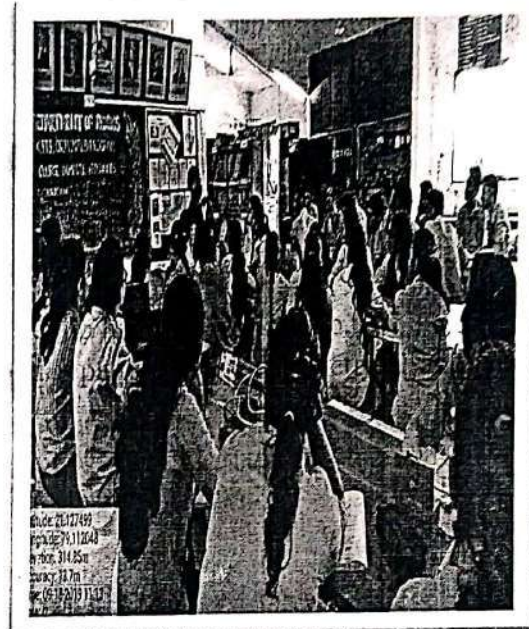
During the workshop one day visit was organized to BITCON ITI Nandanvan, on dated 21st Sept 2019. 5 faculties Mrs. V. R. Kharabe (HOD), Dr. S. A. Bhagat, Dr. S. P. Puppallwar, Dr. A. P. Mahajan, Mrs. A. N. Banabakode and 60 students visited BITCON ITI college. Prof. Chaudhary demonstrated electrical and magnetism experiment, DC motors, AC motors there working and functions to the students.



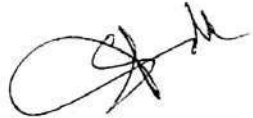
Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Expected Outcome:

- a. After completion of this course the Trainee can set up his own work-shop.
- b. He can take up all types of Electrical works and repairs of various electrical appliances Table and Ceiling fans etc.



Prof. Chaudhary delivering talk on and domestic appliances course to students


Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20MG31S1331495
To
AKSHAY ASHOK WASE
AT DHURKHEDA POST MANGRUD
UMRED
NAGPUR
MAHARASHTRA - 441203
PH. NO :7385124459



No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

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



This certificate is awarded to
AKSHAY ASHOK WASE
for passing the course

Financial Management for Managers

with Score* **77** %



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

Jan-Apr 2020
(12 week course)

Prof. Inderdeep Singh
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



***Continuous online assessment score**

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

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20MG31S1146457
To
KARISHMA RAMU GOTMARE
PLOT NO 121. OLD KAMPTEE ROAD NEAR
HANUMAN MANDIR KALMANA VASTI, NAGPUR
NAGPUR
MAHARASHTRA-440026
PH. NO :8407966068



No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

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



This certificate is awarded to
KARISHMA RAMU GOTMARE
for passing the course

Financial Management for Managers

with Score* **71** %



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

Jan-Apr 2020
(12 week course)

Prof. Inderdeep Singh
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



*Continuous online assessment score

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

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20MG31S1615463

To
NIKHIL DILIP DAHARWAL
NEAR BANK OF INDIA WARD NO. 01
AT+POST HIWARA BAZAR
NAGPUR
MAHARASHTRA - 441401
PH. NO :9922883384



No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

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



This certificate is awarded to

NIKHIL DILIP DAHARWAL

for passing the course

Financial Management for Managers

with Score* **76** %



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

Jan-Apr 2020
(12 week course)

Prof. Inderdeep Singh
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



*Continuous online assessment score

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

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20MG35S1951097

To
KARISHMA BALDEV GIRADKAR
WARD NO 6 , NEAR ZP SCHOOL
GANGAPUR UMRED
NAGPUR
MAHARASHTRA - 441203
PH. NO :8408837051



No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

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



This certificate is awarded to
KARISHMA BALDEV GIRADKAR
for passing the course
Entrepreneurship

with Score* **75** %



Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Apr 2020
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



*Continuous online assessment score

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

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20MG35S1806279

To

ANKITA RAJESH GUPTA
SAI NAGAR PREAM NAGAR SHANTI NAGAR
NAGPUR
NAGPUR
MAHARASHTRA-440002
PH. NO :7083004996



No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

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



This certificate is awarded to
ANKITA RAJESH GUPTA

for passing the course

Entrepreneurship

with Score* **66** %

**Covid-19
impacted
January 2020
semester**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Apr 2020
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



*Continuous online assessment score

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