

DHARAMPETH M. P. DEO MEMORIAL SCIENCE COLLEGE, NAGPUR

1.1.1 The Institution ensures effective curriculum delivery through a well-planned and documented process

BRIDGE COURSE & APTITUDE TEST & INDUCTION PROGRAM REPORT

A. BRIDGE COURSE

1. DEPARTMENT OF COMPUTER SCIENCE

Sr. No	Contents	Classes Needed
1	What is Computer? Functionality of Computer Block Diagram of Computer Advantages and Disadvantages of Computer	1
2	Components of Computer ✚ Input Unit ✚ Output Unit ✚ Memory Unit ✚ CPU Introduction to Input and Output Devices	1
3	Memory Units ✚ Memory unit and description ✚ Cache Memory ✚ Primary Memory ✚ Secondary Memory ✚ Random Access Memory ✚ Read Only Memory	2
4	Number System: Introduction to ✚ Decimal Number System ✚ Binary Number System ✚ Octal Number System ✚ Hexa-Decimal Number System ✚ Conversion of Number System	2
5	Introduction to Programming ✚ Basic terminology in programming ✚ Hierarchy of computer language ✚ Characteristics of programming language ✚ How to write program	1

Bridge Course Classes Links Conducted on Microsoft Teams

Sr. No	Class	Date	Microsoft Team Link
1	SEM I	20/11/2020	https://teams.microsoft.com/l/meetup-join/19%3a52ea632944eb4343a46ab2dad80ed4cb%40thread.tacv2/1605861115534?context=%7b%22Tid%22%3a%226b185c1c-3c4a-4dff-a0f3-26f65ff0f864%22%2c%22Oid%22%3a%22512fd939-6be4-4218-b222-358c0f460db7%22%7d
2	SEM I	27/11/2020	https://teams.microsoft.com/l/meetup-join/19%3a52ea632944eb4343a46ab2dad80ed4cb%40thread.tacv2/1606465654938?context=%7b%22Tid%22%3a%226b185c1c-3c4a-4dff-a0f3-26f65ff0f864%22%2c%22Oid%22%3a%22512fd939-6be4-4218-b222-358c0f460db7%22%7d
3	SEM I	28/11/2020 (2 Lectures)	https://teams.microsoft.com/l/meetup-join/19%3a52ea632944eb4343a46ab2dad80ed4cb%40thread.tacv2/1606547716968?context=%7b%22Tid%22%3a%226b185c1c-3c4a-4dff-a0f3-26f65ff0f864%22%2c%22Oid%22%3a%22512fd939-6be4-4218-b222-358c0f460db7%22%7d
4	SEM I	04/12/2020 (2 lectures)	https://teams.microsoft.com/l/meetup-join/19%3a52ea632944eb4343a46ab2dad80ed4cb%40thread.tacv2/1607070034345?context=%7b%22Tid%22%3a%226b185c1c-3c4a-4dff-a0f3-26f65ff0f864%22%2c%22Oid%22%3a%22512fd939-6be4-4218-b222-358c0f460db7%22%7d
5	SEM I	11/12/2020	https://teams.microsoft.com/l/meetup-join/19%3a52ea632944eb4343a46ab2dad80ed4cb%40thread.tacv2/1607674731607?context=%7b%22Tid%22%3a%226b185c1c-3c4a-4dff-a0f3-26f65ff0f864%22%2c%22Oid%22%3a%22512fd939-6be4-4218-b222-358c0f460db7%22%7d

2. DEPARTMENT OF ENGLISH (24/11/21 to 30 11/21)

COURSE OBJECTIVES:

- This course is aimed at understanding the use of prepositions in writing and speaking.
- To teach prepositions which have several definitions, and several meanings used in different contexts.

COURSE OUTCOME:

1. Students will extend their abilities to understand the basic structure of language and correctness of usage of language.
2. Students will extend their abilities to produce grammatically correct sentences.

METHODOLOGY:

1. Topics were taught through lectures and Youtube links were shared.
 - a. <https://youtu.be/qnejT524yKc>
 - b. https://youtu.be/9Hc6_iKn_dI

2. Exercise links were shared with students for practice.
 - a. <https://www.really-learn-english.com/at-in-on-prepositions-of-place-exercise-02.html>
 - b. <https://www.really-learn-english.com/at-in-on-prepositions-of-place-exercise-01.html>
 - c. <https://www.really-learn-english.com/at-in-on-prepositions-of-place-exercise-03.html>
 - d. https://www.englisch-hilfen.de/en/exercises/structures/prepositions_at_in_on_time.htm
 - e. https://www.englisch-hilfen.de/en/exercises/structures/prepositions_at_in_on_time.htm
 - f. <https://www.perfect-english-grammar.com/time-prepositions-exercise-1.html>
 - g. <https://www.tolearnenglish.com/exercises/exercise-english-2/exercise-english-10086.php>
 - h. <https://www.tolearnenglish.com/exercises/exercise-english-2/exercise-english-18565.php>

B. APTITUDE TEST

1. DEPARTMENT OF COMPUTER SCIENCE

Aptitude test Question paper

<https://forms.gle/qrUD2VdMaLEXcykw6>

Spread sheet link

<https://docs.google.com/spreadsheets/d/1SZc4L8tcx-npievgIAmywUFUweGbPfuFhwAby-bpf5k/edit?usp=sharing>

2. DEPARTMENT OF MICROBIOLOGY

Aptitude test Question paper

<https://docs.google.com/forms/d/1xHqjcWv9B8j5vcl35MN6MuqddvoLghZutB9QH5GEUpk/edit>

Spread sheet link

https://docs.google.com/spreadsheets/d/1I9D2PBuoDA5uXZODhM3maB2mIz2qsJseRLcYSr_wvEo/edit?resourcekey#gid=653209107

3. DEPARTMENT OF PHYSICS

Aptitude test 2020-21

https://docs.google.com/forms/d/1Tke3c8pyM0wW6KX_szy1jCbX66VBUJPS3INJTk7O7A/edit?usp=sharing



DHARAMPETH M. P. DEO MEMORIAL SCIENCE COLLEGE, NAGPUR
INTERNAL QUALITY ASSURANCE CELL (IQAC)

Activity Report

Date:30/11/2020

Name of Organizing Department or Committee: Deeksharambha - Induction Programme 20-21 Committee

Name of the activity: Deeksharambha - Induction Programme 20-21

Suggested CRITERION point if any: Criteria V

Date of Activity: 5th November to 11th November 2020

Place of Activity: Online

Name of Guest Speaker/s or Judge/s or Chief Guest/s if any: List Attached

Title of the Activity: Deeksharambha - Induction Programme 20-21

Number of Participants: Approx. 100

Name of the Teacher In-charge / Convener: Dr. Shraddha Deshpande

Names of other Committee Members / Staff: List Attached

OUTCOME of the Activity with respect to mission vision of the institute and or academics:

One Week Induction Programme 20-21 for first year students of the College was conducted from 5th November to 11th November 2020 as per UGC Guidelines.

Following is the day wise report of programme:

❖ 5th November 2020

Day 1: Session 1: Principal's Address:

Dr. Akhilesh Peshwe, Principal of the College addressed the students and motivated them to focus on their goals through proper planning and different strategies of its execution.

Day 1: Session 2: Departmental Introduction:

All the Teaching Staff members introduced themselves and facilities provided by their respective departments.

Day 1: Session 3: Introduction to NSS, NCC, Innovation and Incubation:

In this session all the Conveners of respective, Dr. P. T. Humane and Dr. P. W. Ambekar, explained in detail the working of these committees and motivated students to join these clubs.

❖ 6th November 2020

Day 2: Session 1: Introduction of Rotaract Club:

Ms. Shubhashree Joshi, President of Rotaract Club of Dharampeth M. P. Deo Memorial Science College, Nagpur, introduced the working of the Club and appealed the students to join and participate in the activities of the club.

Day 2: Session 2: Mentor Mentee Information:

Dr. P.W.Ambekar, Convener, Mentor Mentee Committee distributed Mentor Mentee teams to the students and shared them the mission and vision of the committee.

Day 2: Session 3: College Magazine, Grievance Redressal Cell, Cell against Sexual Harrassment and Women's Cell

Mrs. R. Kulat, Mrs. M. M. Deshpande, Dr. Mrs. V. V. Rangari and Dr .Mrs. S. A. Deshpande spoke on various activities and programmes conducted by these committees for the benefit of society.

❖ 7th November 2020

Day 3: Session 1: Guest Lecture on Startups and Entrepreneurship Development

Mr. Akash Jaiswal, Placement and Aptitude Trainer at Career Launcher Pvt, gave a motivational Lecture on innovation and Entrepreneurship skills after B.Sc.

Day 3: Session 2: Certificate Courses, Training Placement and Career Guidance

Dr .Mrs. Shraddha Deshpande, Convener addressed the students regarding certificate courses offered by the college and also told them about the importance of training and guidance for placements.

Day 3: Session 3: Creative Arts and culture

Speech: Debate: Online education is beneficial or not? And Extempore Competition was organized for students of the college.

❖ **9th November 2020**

Day 4: Session 1: Cultural and Extracurricular Activities Committee (Best Student)

Lecture on Personality

Dr. Mrs. Shraddha Deshpande, Convener, introduced the students about the participation of students in extracurricular activities and motivated them to for active involvement in these multilevel events.

Day 4: Session 2: Creative Arts and culture Speech:

Debate: Online education is beneficial or not? And Extempore was organized to improve the speaking skills of the students.

❖ **10th November 2020**

Day 5: Session 1: Certificate Courses of IIT Spoken Tutorial

Mrs. Snehal Narale, Head , Department of Computer Science, and Coordinator , explained students about the Certificate Courses of IIT Spoken Tutorial those are beneficial for higher placements .

Day 5: Session 2: Mentor-Mentee (Student): Interaction with Seniors

This session was especially designed to introduce freshers to their Seniors. The students of second and third years interacted with the first years and shared their academic and administrative experiences with them and inspired for active participation.

Day 5: Session3: My Innovative Idea: Singing/Dancing/mime/One act Play/ Poetry Recitation: Women Empowerment?

Competitions were conducted for students to showcase their talent in the field of singing and dancing.

❖ **11th November 2020**

Day 6: Session 1: Lectures on (IPR) Plagiarism, Copyright and Patent

Dr.V.Meshram, Dr.V.V.Rangari and Dr.P.W.Ambekar guided the students on Plagiarism, Copyright and Patents respectively. They thoroughly explained all the concepts in detail and also shared the importance of having awareness about IPR.

Day 6: Session 2: Mentor-Mentee (Student): Interaction with Seniors

This session was especially designed to introduce freshers to their Seniors. The students of second and third years interacted with the first years and shared their academic and administrative experiences with them and inspired for active participation.

Day 5: Session3: My Innovative Idea: Singing/Dancing/mime/One act Play/ Poetry Recitation: Women Empowerment?

Competitions were conducted for students to showcase their talent in the field of singing and dancing.

Activity with newspaper coverage if any: Nil

Activity data save in PC of: English Department

SCHEDULE AND LIST OF SPEAKERS

Day 1	5th November 2020	Thursday	
Session	Time	Activity	Remarks
I	10.00a.m - 10.45a.m	Principal's Address	Dr. Akhilesh Peshwe
II	10.55 a.m-12 noon	Departmental Interaction	All Teaching and Non-Teaching Staff
III	12.15.p.m to 1.15.p.m	NSS , NCC , Life Long Learning and Sports , Innovation and Incubation (Google Form)	Dr.P.T.Humane, Dr. P.W.Ambekar, Dr. V.P.Meshram, Dr.R.Kalode
Day 2	6th November 2020	Friday	
Session	Time	Activity	Remarks
I	10.00a.m - 10.45a.m	Lecture on Career Opportunities after B.Sc	Mr.Ashish Thakur (ZOOM)
II	10.55 a.m-12 noon	Mentor Mentee Information	Dr.P.W Ambekar
III	12.15.p.m to 1.15.p.m	College Magazine, Grievence Redressal Cell , Cell against Sexual Harrasment and Women's Cell	Mrs. R.Kulat, Dr.V.Rangari, Mrs. M.M.Deshpande, Dr.S.A.Deshpande
Day 3	7th November 2020	Saturday	
Session	Time	Activity	Remarks
I	10.00a.m - 10.45a.m	Rotaract Club of DMPDMSC	Meeting of Rotaract Club
II	10.55 a.m-12 noon	Certificate Courses, Training Placement and Career Guidance Cell	Dr.Mrs.S.A.Deshpande
III	12.15.p.m to 1.15.p.m	Creative Arts and culture	Drawing: Anokhi Diwali of 2020 Photography/Video/Poster/Rangoli/Cover page
Day 4	9th November 2020	Monday	
Session	Time	Activity	Remarks
I	10.00a.m - 10.45a.m	Cultural and Extracurricular Activities Committee (Best Student) Lecture on Personality Development	Dr.Mrs.Shraddha Deshpande
II	10.55 a.m-12 noon	Lecture on Students Scholarship	Dr.Mrs.Shraddha Deshpande
III	12.15.p.m to 1.15.p.m	Creative Arts and culture	Speech: Debate: Online education is beneficial or not? And Extempore
Day 5	10th November 2020	Tuesday	
Session	Time	Activity	Remarks
I	10.00a.m - 10.45a.m	IIT Spoken Tutorial and Bioinformatics Course, Gardening	Mrs.S.A.Narale and Dr.Mrs. A.S Kulkarni, Dr.P.T.Humane
II	10.55 a.m-12 noon	Mentor-Mentee(Student)	Interaction with Seniors
III	12.15.p.m to 1.15.p.m	Creative Arts and culture/	My Innovative Idea: Singing/Dancing/mime/One act Play/ Poetry Recitation : Women Empowerment?
Day 6	11th November 2020	Wednesday	

Session	Time	Activity	Remarks
I	10.00a.m - 10.45a.m	Plagiarism, Copywright and Patent	Dr.V.Meshram, Dr.V.V.Rangari and Dr.P.W.Ambekar
II	10.55 a.m-12 noon	Alumni Committee	Interaction with Alumni
III	12.15.p.m to 1.15.p.m	Science related innovative ideas /Creative Arts and culture	Problem finding and it's probable solution/ The New Normal: Article Writing/Slogan /Poetry/Story Writing /Scientific Writing/Drama



Prof. Pitambar Humane
IQAC Coordinator

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

Dr. Akhlesh Peshwe
Principal

PRINCIPAL
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