



BRIDGE COURSE



TAI GOLWALKAR
MAHAVIDYALAYA,
RAMTEK



MESSAGE FROM PRINCIPAL

A bridge course for newly admitted students is conducted every year before the commencement of the first semester classes. The main objective of the course is to bridge the gap between subjects studied at Pre-university level and subjects they would be studying in 12th Standard. The syllabus for the course is framed in such a way that equal importance is given to both B.Sc. and 12th Standard. The duration of this course is 6 or 8 days. The students are trained in subjects apart from their confidence level. Syllabus includes concepts learnt at the 12th Standard level and also additional concepts which are essential prerequisites for B.Sc. course. The module is aimed at making the students better articulate in English thereby increasing their comprehension level and self-confidence. Bridge Course will help the students to have a smooth transition to the B.Sc. course. The sound grasp of the fundamentals of the B.Sc. subjects lays the strong foundation for the entire three year programme.

Our experience has shown that students who underwent the bridge course have fared extremely well in Examinations. Results improved from 50% to 70% in first attempt and it as an eye opener and boosts confidence significantly.

The strength of our relationship with the students is our ability to gauge their strengths and weaknesses. Bridge courses conducted by the different departments at the beginning of the academic year are an effort on our part to fill-in the gaps that exists between the shared knowledge of students at the entry-level and the course requirements. It is observed that NCERT syllabus as it is about 20-30% vaster than the previous state board syllabus. While those who have studied ICSE or CBSE in school are not much affected, but those from the State syllabus may find it difficult. Most of our entry students are from state board therefore Bridge course helps students to open up, think creatively and become responsible and independent students.

The objective of the Bridge course is to demystify what is expected of students in Pre University-level classes and to provide adequate foundation in the core applied science subjects limited to moderate level so that students do not face any difficulty when the classes commence.

During this interaction of few days with the faculty, the students will come out of their hesitation and it will be the best platform for the students to interact with the faculty members, making it responsible for them to build strong relationships with faculty and other students.

This course was conducted from last three years for our students. The statistics show that, there is a gradual improvement of more than 20-30% in the overall performance of the students. Their parents have also deeply appreciated.

Principal Dr. Rajesh Singru, TGMR

MESSAGE FROM COORDINATOR

- The main objective of the course is to bridge the gap between subjects studied at Pre-university level and subjects they would be studying in 12th Standard. The Essential & fundamentals of 10 +2 level subjects are necessary to understand the subject at an ease. Therefore the bridge course is designed in such a way that it becomes the part of curriculum of 12th Standard and B.Sc. subjects. The Bridge course is aimed to act as a buffer for the new enters with some objectives to provide adequate time for the transition to hard core of degree course.

Objectives:-

- To provide adequate foundation in the basic applied science subject, so that students do not face any difficulty when the university classes begin.
- This course provides a better transition phase to prepare themselves before the onset of course for first semester.
- To bridge the gap between subjects studied at pre-university level and subjects they would be studying in B.Sc. classes.
- Bridge course act as a buffer for new entrance.
- Interactive & active learning students will be equipped with knowledge and the confidence before first year course.

It is a course conduct by each and every Department by framing their own syllabus from the session 2016-17 in the first week of month July.

It is an independent Programme of TGM for newly admitted B.Sc. first year students. The reason is to construct such bridge courses as per our observation that students have virtually stopped studying after completion of their 10+2 exams, competitive exams & it's a long gap in studies.

To full fill this gap, our college conducts such bridge course for newly admitted students before the commencement of B.Sc. first year classes.

On the last day of bridge course each lecturer made aware the students about their subject programme outcomes at university pattern to prepare them for new challenges.

Ms. Swatanrata Sharma, HOD of Botany

TAI GOLWALKAR MAHAVIDYALAYA, RAMTEK

Science & Home Science

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Dist. Nagpur (MS) Pin-441106Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur
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Mail - info@tgmm.org, principal@tgmm.org, principal.tgscramtek@gmail.com

Date- 28 June16**NOTICE**

This is to inform all the 1st year students that, to prepare the students before starting the University prescribed Course for B.Sc., our college has been conducted 6 day Bridge Course in the 1st week of July from 4 July to 9th July 16. As per the Timetable given below. So all the newly admitted students compulsorily attend the Course in their respective subject according to the time table

Bridge Course Time Table, 2016 -17 to 2019 -20 (4 July to 9 July)					
Day		1	2		3
	10.45	11.00 to12.30	12.40 – 02.10		02.30 – 04.00
Monday	P	Chemistry	Zoology	R	Botany
Tuesday	R	Chemistry	Zoology	E	Botany
Wednesday	A	Botany	Chemistry	C	Zoology
Thursday	Y	Botany	Chemistry	C	Zoology
Friday	E	Zoology	Botany	S	Chemistry
Saturday	R	Zoology	Botany	S	Chemistry

Principal

NOTIFICATION
DATE: 21 JUNE 16

This is to notify that the college Principal has decided to start Bridge Course in Tai Golwalkar Mahavidyalaya Ramtek for 1st year students in the 1st week of July.

Following persons are hereby nominated as the In-charge of the Course for the session 2016-17.

- 1) Ms. Swatantrata M. Sharme
(Botany Dept.) – [9028408355]
- 2) Dr. Manoj A. Pandey (Chemistry Dept.)
- 3) Dr. Vijay D. Raut (Zoology Dept.)

The purpose/objective of the course –

To prepare students before starting the University prescribed course Syllabus for B.Sc.

Note – All the Dept. Should prepare their own Bridge course syllabus & notes & conduct classes of 1&1/2 hrs prescribed in college time table.

Bridge Course (Chemistry) 2016-17

- **Concept-** A bridging course is a university-preparation course with an academic curriculum that is offered to mature students as a means of preparing for the intellectual challenges of a university education, successful completion of which is recognized as a basis of admission to the University. **Bridge courses** are a tool to help students succeed in their graduate level studies.
- **Necessity-** It is primarily offered courses to students who need to improve their understanding in subjects that relate to particular study programmes. **Bridging courses** are short, focused learning programmes designed to help high school students to enter in higher education institutions. They will also be taught the connection between writing and thinking and how to use writing and reading for inquiry, learning, thinking, and communicate in specific situations. They will be required to produce competent, professional writing through planning, drafting, revising, and editing.
- **Aim and Objectives-** The **objective** of the **Bridge course** is to explain what is expected of students in Pre University-level **classes** and to provide adequate foundation in the basic applied science subjects and English limited to moderate level so that students do not face any difficulty when the **classes** begin.
- **Duration-** 6 days in month of July
- **Time-** Monday to Saturday
- **Syllabus-**

Unit I-

Some basic concept of Chemistry, Atomic and Molecular Structure, Periodic table and their properties, Solid State, Solution and Colligative Properties, Chemical Thermodynamics, Coordination Chemistry.

Unit II-

Fundamentals in Organic Chemistry, Aliphatic (Alkanes Alkenes and Alkynes) and Aromatic Hydrocarbons, Alcohols Phenol and Amines, Introduction to Carbonyl and Carboxyl Chemistry, IUPAC nomenclature, Biomolecules, Chemistry in everyday life.

➤ **Report-**

Department of Chemistry conducted this course in the duration of 6 days from dated **4th July to 9th July in year 2016-17.**

This course will be the best platform for the Students to interact with the Faculty members, making it responsible for them to develop a strong relationship with the respective subject, adviser and other students and become confident for higher Graduation studies and placements.

Bridge Course (Botany) 2016-17

- **Concept-** A Bridge course for newly admitted student is conducted before the commencement of the first semester classes. It is a preparation course with an academic curriculum that is offered under graduate students as a means of preparing for the intellectual challenges of a university education. Botany Dept. developed a teaching module which helps to close the gap between two levels of competence. The Bridge course inculcates skills and knowledge to enhance quality of higher education.
- **Necessity:-** Bridge course is Necessary for B.Sc. I year Students , reason is they entering for Graduation after successfully completion of their 10+2 classes. We noticed that students have virtually stopped studying after month of March after their exams & some are after May after their completion of competitive exams. It's a long gap in studies so their concepts are destructed

Then the students choose the Group CBZ (Chemistry, Botany, and Zoology). After a discontinuity Botany subject is totally new for them. Thus the students are unable to cope with new Academic Environment and concept of the subject. Bridge course helps them to cope up from the pressure build in the minds of students.

- **Aim:-** Course is aimed to act as a buffer for the new admitted students
 - 1) To provide adequate time & basic knowledge for transition to B.Sc course
 - 2) To prepare students before starting the university prescribed course for B.Sc.
- **Objectives:-** This will lead to a better appreciation of the subject
 - 1) To provide adequate time for the transition to hardcore of degree course
 - 2) To enhance the comprehension in subjects.
 - 3) The essential & fundamentals of 10+2 level subject (Biology) are necessary to understand the subject (Botany) at an ease.
 - 4) To develop scientific attitude in the students
 - 5) To make students green preservationist.
- **Duration:-** The course consists of 6 days in the month of July.
- **Time -** Monday to Saturday 1 ½ hrs

➤ *Syllabus:-*

Unit 1

What is Botany – Concept, meaning, Father of Botany, different Botanist & their work, Indian Botanist, evolution of Plants?

Systematic of Botany – Concept of classification, How to write classification system, plant classification. (5 kingdom classification onwards) with important characters

Unit 2

Plant body – Introduction of Morphology, Introduction of Botanical terms & taxonomic terms, Economic importance of plants

Note -: Visit to college campus Botanical Garden , Plantation & University
Pattern of Examination, especially difference between annual and semester, Internal assessment marks and Practical marks, Unit test, Project, tour etc. also covered in the course.

➤ *Outcome of the course –*

1. It has provided students the confidence skills to successfully transition to college.
2. Students have been familiarizing with TGM & its resources.
3. It has helped students for enhancing critical thinking skills through self exploration & class experiences
4. It has given exposure college life in a structured & supportive learning community

➤ *Botany Department Bridge course Report*

Dept. Of Botany has been successfully completed the 6 days bridge course in the month of July in prescribed timing basically it is a short course to prepare students so that they are ready to learn the course offered by University. We tried to make a bridge to overcome the gap in studies of the students after the 12th exams by recalling them the basic concepts of Botany. Department frame a syllabus for the bridge course .For this we recommended them to read out the textbooks of class 11th & 12th prescribed by NCERT/SCERT. During this 6 day interaction in which plantation work is also included the students will be equipped with the basic knowledge about plants & the interaction with their new classmates and faculty a healthy teaching learning atmosphere is developed in the class as well as the confidence level of learning by doing is also increased.

Bridge Course (Zoology) 2016-2017

- **Aim** - With a view to enhance the knowledge in subjects we frame a bridge course to first semester of B.sc programme students.
- **Objective**- The bridge course aims to act as a buffer for the fresher's with an objective to provide adequate time for the transition to degree courses. This course provides a better transition phase to prepare themselves before the onset of courses for first semester. It also helps to develop process-skills and experimental, observational, manipulative, decision making and investigatory skills in the learners.
- **Design**-The course consists of 10 Hrs of interactive sessions and with oral question answer session for evaluation designed by the Zoology departments which is compulsory for all students.
- **Duration**- 6 Days in month of July
- **Time** – Monday to Saturday

- **Syllabus**

Unit 1:

Systematic and binomial system of nomenclature: meaning of the terms taxonomy, systematic, classification and nomenclature, Need of classification.

Systematics: Kingdom Protista- Salient features, examples; Kingdom Animalia-Introduction to different Phyla: Protozoa, Porifera, Coelenterata, Platyhelminthes, Aschelminthes, Annelida, Arthropoda, Mollusca, Echinodermata, Hemichordata and Chordata.

Unit 2:

Physiology and Biochemistry: Introduction to organ systems-Digestive, Endocrine and Reproductive system. **Modern concept of gene:** DNA as genetic material, structure of DNA as given by Watson and Cricks model, RNA: General structure **Cell:** Brief Explanation-Mendel and his experiments, Cell Organelles. **Biodiversity:** Biodiversity and Causes of Biodiversity Losses, Biodiversity Conservation **Environmental issues:** Air pollution and its control, water pollution and its control.

Note - Exam and Internal Assessment Patterns: University Pattern of Examination, especially difference between annual and semester, Internal assessment marks and Practical marks, Unit test, Project, tour etc. also covered in the course.

➤ **Report 16-17**

The Bridge course was conducted for first year students (Zoology). The main objectives of bridge course are to provide basic concepts about subject and about semester pattern of undergraduate syllabus.

Bridge course has produced awareness amongst students about teaching learning effectively. All bridge course session were interactive so that student becomes comfortable. Our department conducted a bridge course at dated **4th of July to 9th of July in the year 2016**. All the Newly admitted students of 1st year attend this bridge course

The faculty member Dr. Vijay D. Raut have successfully completed and concluded Bridge Course satisfactorily.

ADMISSION REGISTER 2016-17, B. Sc. I Year (CBZ)

Sr. No.	STUDENT NAME	Sr. No.	STUDENT NAME
1	Diksha Maysur Bhonekar	36	Pallavi Lalchand Ukey
2	Ankita Avinash Pande	37	Ku. Neha Vijay Bajanghate
3	Priyanka Purushottam Gorle	38	Ashwini Murlidhar Kukde
4	Kajal Thansingh Taram	39	Heena Sudhir Pote
5	Priyanka Rameshwar Bawankule	40	Nikita Ganesh Sayare
6	Kanchan Laxman Tetwar	41	Gauri Pritamsingh Dudhabarve
7	Damini Harichandra Dongre	42	Yuga Ashok Ikhari
8	Kajal Ramkrushna Urade	43	Kajal Pradip Khobragade
9	Mayuri Prabhakar Lende	44	Vaishali Subhash Uikey
10	Nikita Yashwanta Bhonde	45	Shweta Prakash Waghade
11	Mehak Harifarshan Pandey	46	Punam Gendlal Karonde
12	Mayuri Rajendra Agre	47	Shital Moreshwar Patil
13	Dahnsri Ashokrao Makde	48	Kajal Lalbahdur Parteti
14	Priyanka Ramgopal Biranwar	49	Rupali Lalbahdur Parteti
15	Ankita Bharat Kumare	50	Priyanka Shantaram Uikey
16	Dnyaneshwari Ramu Deshmukh	51	Roshana Sheshrao Donarkar
17	Aishwarya Kewalram Dhokane	52	Ankita Madhukar Bagde
18	Shubham Dilip Deshmukh	53	Nikita Suryabhan Deshmukh
19	Neeta Baban Umale	54	Shivani Pramod Selokar
20	Abhishek Vijay Kohale	55	Prashant Shriram Tiwari
21	Rohit Ramraj Dhurve	56	Ku. Pragati Premlal Moreshiya
22	Ku. Shalu Shamrao Lasunte	57	Ankita Gajanan Bawankar
23	Tusharkumar R. Shanichare	58	Pratik Bhaskar Bangare
24	Ashvini Garib Khadse	59	Aman Rajendra Bismogare
25	Rashtrapal B.Shindhimeshram	60	Dipika Upasrao Dhawade
26	Sanchita Sudhakar Bisane	61	Darshana Kunjilal Karonde
27	Vibha Narendra Sahare	62	Sapna Sakharam Natkar
28	Sangita Ganesh Admachi	63	Shailesh Dhanraj Katange
29	Pratiksha Shriram Gonmare	64	Pradhnya R.Shreewahane
30	Punam Mulchand Badule	65	Nilesh Kamalsingh Gundhare
31	Swati Bajrang Gade	66	Shubhangi Rajesh Jaiswal
32	Suhana Altaf Khan	67	Rohit Rampratik Pal
33	Kalyani Ashok Hatwar	68	Pranay Gajanan Pund
34	Damini Liladhar Ambildhuke	69	Vaishali Ambadas Mohare
35	Priyanka Gulab Padole		

TAI GOLWALKAR MAHAVIDYALAYA, RAMTEK

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Mail - info@tgmm.org, principal@tgmm.org, principal.tgscramtek@gmail.com

Date-30 June17

NOTICE

This is to inform all the 1st year students that, to prepare the students before starting the University prescribed Course for B.Sc, our college has been conducted 6 day Bridge Course in the 1st week of July from 2 July to 10th July 2017 as per the Timetable given below. So all the newly admitted students compulsorily attend the Course in their respective subject according to the time table

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Tuesday	R	Chem./CS	Zoo. /Math.	E	Bot./Phys.
Wednesday	A	Bot./Phys.	Chem./CS	C	Zoo. /Math.
Thursday	Y	Bot./Phys.	Chem./CS	C	Zoo. /Math.
Friday	E	Zoo. /Math.	Bot./Phys.	S	Chem./CS
Saturday	R	Zoo. /Math.	Bot./Phys.	S	Chem./CS

Principle

NOTIFICATION - DATE: 21 JUNE 17

This is to notify that the Principal of the college has decided to start Bridge Course in Tai Golwalkar Mahavidyalaya Ramtek for 1st year students in the 1st week of July.

Following persons are hereby nominated as the In-charge of the Course for the session 2017-18.

- 1) Ms. Swatantrata M. Sharme (Botany Dept.) – [9028408355]
- 2) Dr. Manoj A. Pandey (Chemistry Dept.)
- 3) Dr. Vijay D. Raut (Zoology Dept.)
- 4) Mr. Parikshit Choudhery (Physics Dept.)
- 5) Ms. Karishma D.Mahadule (Maths Dept.)
- 6) Mr. NandKishor Deshmukh (Computer Dept.)
- 7) Ms. Ranjana Sakher (Home Science)
- 8) Ms .Priya Paleker (Fashion Design)

The purpose/objective of the course –

To prepare students before starting the University prescribed course for B.Sc.

Note – All the Dept. Should prepare their own Bridge course syllabus & notes & conduct classes of 1&1/2 hrs prescribed in college time table.

Bridge Course (Chemistry) 2017-18

- **Concept-** A bridging course is a university-preparation course with an academic curriculum that is offered to mature students as a means of preparing for the intellectual challenges of a university education, successful completion of which is recognized as a basis of admission to the University. **Bridge courses** are a tool to help students succeed in their graduate level studies.
- **Necessity-** It is primarily offered courses to students who need to improve their understanding in subjects that relate to particular study programmes. **Bridging courses** are short, focused learning programmes designed to help high school students to enter in higher education institutions. They will also be taught the connection between writing and thinking and how to use writing and reading for inquiry, learning, thinking, and communicate in specific situations. They will be required to produce competent, professional writing through planning, drafting, revising, and editing.
- **Aim and Objectives-** The **objective** of the **Bridge course** is to explain what is expected of students in Pre University-level **classes** and to provide adequate foundation in the basic applied science subjects and English limited to moderate level so that students do not face any difficulty when the **classes** begin.
- **Duration-** 6 days in month of July
- **Time-** Monday to Saturday
- **Syllabus-**

Unit I-

Some basic concept of Chemistry, Atomic and Molecular Structure, Periodic table and their properties, Solid State, Solution and Colligative Properties, Chemical Thermodynamics, Coordination Chemistry.

Unit II-

Fundamentals in Organic Chemistry, Aliphatic (Alkanes Alkenes and Alkynes) and Aromatic Hydrocarbons, Alcohols Phenol and Amines, Introduction to Carbonyl and Carboxyl Chemistry, IUPAC nomenclature, Biomolecules, Chemistry in everyday life.

➤ **Report-**

Department of Chemistry conducted this course in the duration of 6 days from dated **2nd July to 10th July in year 2017-18.**

This course will be the best platform for the Students to interact with the Faculty members, making it responsible for them to develop a strong relationship with the respective subject, adviser and other students and become confidants for higher Graduation studies and placements.

ADMISSION REGISTER 2017-18 B. Sc. I Year (Chemistry)

S.N.	STUDENT NAME	GROUP	S.N.	STUDENT NAME	GROUP
1	Aadesh Anandrao Maraskolhe	CBZ	46	Sachin Babulal Salame	CBZ
2	Ku. Astha Sanjay Jain	CBZ	47	Ku. Samiksha H. Badwaik	CBZ
3	Akshay Mahadeo Labde	CBZ	48	Ku. Sanchita T.Mahajan	CBZ
4	Ku. Aboli Shashikant Gaydhane	CBZ	49	Ku. Sejal Gulab Jambhulkar	CBZ
5	Akshay Vishnu Sherkure	CBZ	50	Shahajada Khan Samsheer Khan	CBZ
6	Ku. Alfiya Firdos Raheman Pathan	CBZ	51	Ku. Sofiya Rafik Pouchatod	CBZ
7	Aniket Bala Badan	CBZ	52	Ku. Sukanya R.Kumbhalwar	CBZ
8	Ku. Archana Satish Fuse	CBZ	53	Ku. Suwarna Wamarao Kawale	CBZ
9	Ku. Arpana Udebhan Hatwar	CBZ	54	Swapnil Syamrao Rahate	CBZ
10	Ku. Arati Shyamrao Mahule	CBZ	55	Ku. Shweta Arun Damahe	CBZ
11	Ku. Ashwini Manohar Barai	CBZ	56	Ku. Trupti Jageshwar Yenukar	CBZ
12	Ku. Chaitanya Sheshrao Bhayde	CBZ	57	Ku. Vaishnavi Waman Dixit	CBZ
13	Ku. Dipika Laxman Wasnik	CBZ	58	Ku. Vrushali Markand There	CBZ
14	Ku. Gayatri Biharilal Bamhanote	CBZ	59	Ku. Yamini Sudhakar Meshram	CBZ
15	Ku. Janvi Girish Rajak	CBZ	60	Nagesh Baliram Kalokar	CBZ
16	Ku. Jyoti Chandrabhan Salame	CBZ	61	Akshay Tularam Dokrimare	PCM
17	Ku. Kalyani Kailash Chawale	CBZ	62	Arjun Gangadhar Durbule	PCM
18	Ku. Komal Ramuji Balgote	CBZ	63	Ku. Asara Hafij Sheikh	PCM
19	Ku. Komal Shriram Bangade	CBZ	64	Avinash Virochand Warkade	PCM
20	Madhur Motiram Kale	CBZ	65	Chetan Manohar Kawle	PCM
21	Mohit Padmakar Raipurkar	CBZ	66	Ku. Darshana S.Natkar	PCM
22	Ku.Monali Ankush Bawankule	CBZ	67	Ku. Dipali Dilip Garade	PCM
23	Nakul Prabhakar Bhalavi	CBZ	68	Harshal Ekram Damahe	PCM
24	Nandkishor Damodhar Deshmukh	CBZ	69	Ku. Jansi Shrinivas Vempa	PCM
25	Ku.Nikita Gajanan Kawre	CBZ	70	Ku. Janvi Prakash Mehar	PCM
26	Ku.Nikita Ghanshyam Chaudhari	CBZ	71	Ku. Kanchan Shankar Ambagade	PCM
27	Ku.Nikita Raju Ambildhuke	CBZ	72	Ku. Khushbhu Dilip Makade	PCM
28	Ku.Nikeeta Vinayak Sontakke	CBZ	73	Ku. Komal Vasanta Ukey	PCM
29	Ku. Pallavi Hari Ambildhuke	CBZ	74	Ku. Mayuri Ravindra Kadu	PCM
30	Ku. Payal Ganesh Choudhari	CBZ	75	Ku. Mayuri Surendra Gauliwar	PCM
31	Ku. Payal Gunjilal Bhiogade	CBZ	76	Ku. Neha Ramdas Sakore	PCM
32	Ku. Payal Keshav Hood	CBZ	77	Nutan Markand Nipane	PCM
33	Ku. Payal Vijay Deogade	CBZ	78	Ku. Payal Nilkanth Patle	PCM
34	Praful Natthuji Maraskolhe	CBZ	79	Ku. Prajakta Suryabhan Daf	PCM
35	Ku. Prajakta Pandurang Avthare	CBZ	70	Ku. Pratiksha B.Pachbudhe	PCM
36	Ku. Priya Marottrao Masram	CBZ	81	Rohit Ramesh Uike	PCM
37	Ku. Priyanka Charandas Koche	CBZ	82	Roshan Bandaru Wanjari	PCM
38	Ku. Punam Motiramji Khandate	CBZ	83	Sagar Surajlal Warkade	PCM
39	Rahul Dilip Chavhan	CBZ	84	Shiwani Gulab Nikure	PCM
40	Ku. Ramayya Raju Ram	CBZ	85	Shiwani Siddharth Madakwar	PCM
41	Ku. Ravina Arvinda Kokate	CBZ	86	Shraddha Jagannath Barve	PCM
42	Ku. Ravina Jaydev Deshbhratar	CBZ	87	Sugat Pitambar Bansod	PCM
43	Ku. Reena Kisan Chandanbatwe	CBZ	88	Sujata Moreshwar Bondre	PCM
44	Ku. Riddhi Anil Badwaik	CBZ	89	Umesh Kantilal Gaikwad	PCM
45	Ku. Rizwana Abdul Hafij Sheikh	CBZ	90	Vishakha Vishwanath Natkar	PCM

Bridge Course (Botany) 2017-18

➤ **Concept-** A Bridge course for newly admitted student is conducted before the commencement of the first semester classes. It is a preparation course with an academic curriculum that is offered under graduate students as a means of preparing for the intellectual challenges of a university education. Botany Dept. developed a teaching module which helps to close the gap between two levels of competence. The Bridge course inculcates skills and knowledge to enhance quality of higher education.

➤ **Necessity:-** Bridge course is Necessary for B.Sc. I year Students, reason is they entering for Graduation after successfully completion of their 10+2 classes. We noticed that students have virtually stopped studying after month of March after their exams & some are after May after their completion of competitive exams. It's a long gap in studies so their concepts are destructed

Then the students choose the Group CBZ (Chemistry, Botany, and Zoology). After a discontinuity Botany subject is totally new for them. Thus the students are unable to cope with new Academic Environment and concept of the subject. Bridge course helps them to cope up from the pressure build in the minds of students.

➤ **Aim:-** Course is aimed to act as a buffer for the new admitted students

- 3) To provide adequate time & basic knowledge for transition to B.Sc course
- 4) To prepare students before starting the university prescribed course for B.Sc.

➤ **Objectives:-** This will lead to a better appreciation of the subject

- 6) To provide adequate time for the transition to hardcore of degree course
- 7) To enhance the comprehension in subjects.
- 8) The essential & fundamentals of 10+2 level subject (Biology) are necessary to understand the subject (Botany) at an ease.
- 9) To develop scientific attitude in the students
- 10) To make students green preservationist.

➤ **Duration:** - The course consists of 6 days in the month of July.

➤ **Time:-** Monday to Saturday

➤ Syllabus:-

Unit 1

What is Botany – Concept, meaning, Father of Botany, different Botanist & their work, Indian Botanist, evolution of Plants?

Systematic of Botany – Concept of classification, How to write classification system, plant classification. (5 kingdom classification onwards) with important characters

Unit 2

Plant body – Introduction of Morphology, Introduction of Botanical terms & taxonomic terms, Economic importance of plants

Note -: Visit to college campus Botanical Garden , Plantation & University Pattern of Examination, especially difference between annual and semester, Internal assessment marks and Practical marks, Unit test, Project, tour etc. also covered in the course.

➤ Outcome of the course –

5. It has provided students the confidence skills to successfully transition to college.
6. Students have been familiarizing with TGM & its resources.
7. It has helped students for enhancing critical thinking skills through self exploration & class experiences
8. It has given exposure college life in a structured & supportive learning community

➤ Botany Department Bridge course Report

Dept. Of Botany has been successfully completed the 6 days bridge course in the month of July in prescribed timing Basically it is a short course to prepare students so that they are ready to learn the course offered by University. We tried to make a bridge to overcome the gap in studies of the students after the 12th exams by recalling them the basic concepts of Botany. Department frame a syllabus for the bridge course .For this we recommended them to read out the textbooks of class 11th & 12th prescribed by NCERT/SCERT. During this 6 day interaction in which plantation work is also included the students will be equipped with the basic knowledge about plants & the interaction with their new classmates and faculty a healthy teaching learning atmosphere is developed in the class as well as the confidence level of learning by doing is also increased.

Bridge Course (Zoology) 2017-2018

- **Aim** - With a view to enhance the knowledge in subjects we frame a bridge course to first semester of B.sc programme students.
- **Objective**- The bridge course aims to act as a buffer for the fresher's with an objective to provide adequate time for the transition to degree courses. This course provides a better transition phase to prepare themselves before the onset of courses for first semester. It also helps to develop process-skills and experimental, observational, manipulative, decision making and investigatory skills in the learners.
- **Design**-The course consists of 10 Hrs of interactive sessions and with oral question answer session for evaluation designed by the Zoology departments which is compulsory for all students.
- **Duration**- 6 Days in month of July
- **Time** – Monday to Saturday

- **Syllabus**

Unit 1:

Systematic and binomial system of nomenclature: meaning of the terms taxonomy, systematic, classification and nomenclature, Need of classification.

Systematics: Kingdom Protista- Salient features, examples; Kingdom Animalia-Introduction to different Phyla: Protozoa, Porifera, Coelenterata, Platyhelminthes, Aschelminthes, Annelida, Arthropoda, Mollusca, Echinodermata, Hemichordata and Chordata.

Unit 2:

Physiology and Biochemistry: Introduction to organ systems-Digestive, Endocrine and Reproductive system. **Modern concept of gene:** DNA as genetic material, structure of DNA as given by Watson and Cricks model, RNA: General structure **Cell:** Brief Explanation-Mendel and his experiments, Cell Organelles. **Biodiversity:** Biodiversity and Causes of Biodiversity Losses, Biodiversity Conservation **Environmental issues:** Air pollution and its control, water pollution and its control.

Note - Exam and Internal Assessment Patterns: University Pattern of Examination, especially difference between annual and semester, Internal assessment marks and Practical marks, Unit test, Project, tour etc. also covered in the course.

➤ **Report 16-17**

The Bridge course was conducted for first year students (Zoology). The main objectives of bridge course are to provide basic concepts about subject and about semester pattern of undergraduate syllabus.

Bridge course has produced awareness amongst students about teaching learning effectively. All bridge course session were interactive so that student becomes comfortable. Our department conducted a bridge course at dated **2nd of July to 10th of July in the year 2017**. All the Newly admitted students of 1st year attend this bridge course
The faculty member Dr. Vijay D. Raut have successfully completed and concluded Bridge Course satisfactorily.

ADMISSION REGISTER 2017-18 B. Sc. I Year
(Botany & Zoology)

S.N.	STUDENT NAME	GROUP	S.N.	STUDENT NAME	GROUP
1	Aadesh Anandrao Maraskolhe	CBZ	31	Ku. Payal Gunjilal Bhiogade	CBZ
2	Ku. Astha Sanjay Jain	CBZ	32	Ku. Payal Keshav Hood	CBZ
3	Akshay Mahadeo Labde	CBZ	33	Ku. Payal Vijay Deogade	CBZ
4	Ku. Aboli Shashikant Gaydhane	CBZ	34	Praful Natthuji Maraskolhe	CBZ
5	Akshay Vishnu Sherkure	CBZ	35	Ku. Prajakta Pandurang Avthare	CBZ
6	Ku. Alfiya Firdos Raheman Pathan	CBZ	36	Ku. Priya Marotrao Masram	CBZ
7	Aniket Bala Badan	CBZ	37	Ku. Priyanka Charandas Koche	CBZ
8	Ku. Archana Satish Fuse	CBZ	38	Ku. Punam Motiramji Khandate	CBZ
9	Ku. Arpana Udebhan Hatwar	CBZ	39	Rahul Dilip Chavhan	CBZ
10	Ku. Arati Shyamrao Mahule	CBZ	40	Ku. Ramayya Raju Ram	CBZ
11	Ku. Ashwini Manohar Barai	CBZ	41	Ku. Ravina Arvinda Kokate	CBZ
12	Ku. Chaitanya Sheshrao Bhayde	CBZ	42	Ku. Ravina Jaydev Deshbhratar	CBZ
13	Ku. Dipika Laxman Wasnik	CBZ	43	Ku. Reena Kisan Chandanbatwe	CBZ
14	Ku. Gayatri Biharilal Bamhanote	CBZ	44	Ku. Riddhi Anil Badwaik	CBZ
15	Ku. Janvi Girish Rajak	CBZ	45	Ku. Rizwana Abdul Hafij Sheikh	CBZ
16	Ku. Jyoti Chandrabhan Salame	CBZ	46	Sachin Babulal Salame	CBZ
17	Ku. Kalyani Kailash Chawale	CBZ	47	Ku. Samiksha H. Badwaik	CBZ
18	Ku. Komal Ramuji Balgote	CBZ	48	Ku. Sanchita T.Mahajan	CBZ
19	Ku. Komal Shriram Bangade	CBZ	49	Ku. Sejal Gulab Jambhulkar	CBZ
20	Madhur Motiram Kale	CBZ	50	Shahajada Khan Samsheer Khan	CBZ
21	Mohit Padmakar Raipurkar	CBZ	51	Ku. Sofiya Rafik Pouchatod	CBZ
22	Ku. Monali Ankush Bawankule	CBZ	52	Ku. Sukanya R.Kumbhalwar	CBZ
23	Nakul Prabhakar Bhalavi	CBZ	53	Ku. Suwarna Wamarao Kawale	CBZ
24	Nandkishor Damodhar Deshmukh	CBZ	54	Swapnil Syamrao Rahate	CBZ
25	Ku. Nikita Gajanan Kawre	CBZ	55	Ku. Shweta Arun Damahe	CBZ
26	Ku. Nikita Ghanshyam Chaudhari	CBZ	56	Ku. Trupti Jageshwar Yenurkar	CBZ
27	Ku. Nikita Raju Ambildhuke	CBZ	57	Ku. Vaishnavi Waman Dixit	CBZ
28	Ku. Nikeeta Vinayak Sontakke	CBZ	58	Ku. Vrushali Markand There	CBZ
29	Ku. Pallavi Hari Ambildhuke	CBZ	59	Ku. Yamini Sudhakar Meshram	CBZ
30	Ku. Payal Ganesh Choudhari	CBZ	60	Nagesh Baliram Kalokar	CBZ

Bridge Course (Mathematics) 2017-2018

- **CONCEPT**- A bridge course for newly admitted students is conducted every year before the commencement of the first semester classes. Bridging courses are short, focused learning programmes designed to help high school students enter higher education institutions.
- **NECESSITY** - It is observed that NCERT syllabus as it is about 20-30% vast than the previous state board syllabus. While those who have studied ICSE or CBSE in school are not much affected, but those from the State syllabus may find it difficult. Bridge course helps students to open up, think creatively and become responsible and independent students.
- **AIMS and OBJECTIVE**-The main objective of the course is to bridge the gap between subjects studied at Pre-university level and subjects they would be studying in BSc classes
- **DURATION**- 6 Days in month of July
- **TIME** - Monday to Saturday
- **SYLLABUS**-

UNIT 1-

Rank of matrix, Linear Equation, characteristic equation, linear homogenous equation, complex number, Euler's equation, Relation between roots and coefficient.

UNIT 2-

Limit and continuity, derivative, partial derivatives, Differentiation and chain Rule, Integration, Indeterminate form, Triple integration.

✓ **REPORT**

Our department conducted a bridge course at dated **2nd July to 10th July in year 2017**

Newly admitted students are attending this course.

During this interaction of few days with the faculty, the students will come out of their hesitation and it will be the best platform for the students to interact with the faculty members, making it responsible for them to build strong relationships with faculty, advisers and other students.

A bridging **course** is a university-preparation **course** with an academic curriculum that is offered to mature **students** as a means of preparing for the intellectual challenges of a university education, successful completion of which is recognized as a basis of admission to the college.

Bridge Course (Physics) 2017-18

- **CONCEPT**- A bridge course for newly admitted students is conducted every year before the commencement of the first semester classes. Bridging courses are short, focused learning programmes designed to help high school students enter higher education institutions.
- **NECESSITY** - It is observed that NCERT syllabus as it is about 20-30% vast than the previous state board syllabus. While those who have studied ICSE or CBSE in school are not much affected, but those from the State syllabus may find it difficult. Bridge course helps students to open up, think creatively and become responsible and independent students.
- **AIMS and OBJECTIVE**-The main objective of the course is to bridge the gap between subjects studied at Pre-university level and subjects they would be studying in BSc classes
- **DURATION**- 6 Days in month of July
- **TIME** – Monday to Saturday
- **SYLLABUS**-

UNIT 1-

Elasticity, modulus of elasticity, viscosity, surfacetension, Newtons laws of motion, moment of inertia, oscillation, simple harmonic motion, stationary waves, thermal properties of material, kinetic theory of gases.

UNIT2-

Electrostatics, dielectrics, electromagnetic induction, Kirchhoff's law, AC circuits, magnetism, properties of light,

➤ **REPORT**

Our department conducted a bridge course at **dated 2nd July to 10th July in year 2017** .Newly admitted students attend this bridge course.

During this interaction of few days with the faculty, the students will come out of their hesitation and it will be the best platform for the students to interact with the faculty members, making it responsible for them to build strong relationships with faculty, advisers and other students.

A bridging **course** is a university-preparation **course** with an academic curriculum that is offered to mature **students** as a means of preparing for the intellectual challenges of a university education, successful completion of which is recognized as a basis of admission to the college.

Bridge Course (computer science) 2017-18

- **CONCEPT** - A bridge course for newly admitted students is conducted every year before the commencement of the first semester classes. Bridging courses are short, focused learning programmes designed to help high school students enter higher education institutions.
- **NECESSITY** - It is observed that NCERT syllabus as it is about 20-30% vast than the previous state board syllabus. While those who have studied ICSE or CBSE in school are not much affected, but those from the State syllabus may find it difficult. Bridge course helps students to open up, think creatively and become responsible and independent students.
- **AIMS and OBJECTIVE**-The main objective of the course is to bridge the gap between subjects studied at Pre-university level and subjects they would be studying in BSc classes
- **DURATION**- They are seen as introductory level courses and can range from 4 days to 2 weeks.
- **TIME** - from Monday to Saturday
- **SYLLABUS**-

UNIT 1- Classification of computers, types of software, number system, memory concepts, internal storage, introduction to algorithm and flowcharts.

UNIT 2- Concept of Networking, types of networking, network topologies, network protocol, evaluation of networking, network devices.

➤ **REPORT**

Our department conducted a bridge course at dated 2nd July to 10th July in year 2017

20 students are admitted in this course.

During this interaction of few days with the faculty, the students will come out of their hesitation and it will be the best platform for the students to interact with the faculty members, making it responsible for them to build strong relationships with faculty, advisers and other students.

A bridging **course** is a university-preparation **course** with an academic curriculum that is offered to mature **students** as a means of preparing for the intellectual challenges of a university education, successful completion of which is recognized as a basis of admission to the college.

Admission Register 2017-18 (Physics, Mathematics and Computer Science)

Sr.NO	STUDENT NAME	GROUP
1	AKSHAY TULARAM DOKRIMARE	PCM
2	ARJUN GANGADHAR DURBULE	PCM
3	KU. ASARA HAFIJ SHEIKH	PCM
4	AVINASH VIROCHAND WARKADE	PCM
5	CHETAN MANOHAR KAWLE	PCM
6	KU. DARSHANA SHIVSHANKAR NATKAR	PCM
7	KU. DIPALI DILIP GARADE	PCM
8	HARSHAL EKRAM DAMAHE	PCM
9	KU. JANSI SHRINIVAS VEMPA	PCM
10	KU. JANVI PRAKASH MEHAR	PCM
11	KU. KANCHAN SHANKAR AMBAGADE	PCM
12	KU. KHUSHBHU DILIP MAKADE	PCM
13	KU. KOMAL VASANTA UKEY	PCM
14	KU. MAYURI RAVINDRA KADU	PCM
15	KU. MAYURI SURENDRA GAULIWAR	PCM
16	KU. NEHA RAMDAS SAKORE	PCM
17	NUTAN MARKAND NIPANE	PCM
18	KU. PAYAL NILKANTH PATLE	PCM
19	KU. PRAJAKTA SURYABHAN DAF	PCM
20	KU. PRATIKSHA BHAURAO PACHBUDHE	PCM
21	ROHIT RAMESH UIKE	PCM
22	ROSHAN BANDARU WANJARI	PCM
23	SAGAR SURAJLAL WARKADE	PCM
24	SHIWANI GULAB NIKURE	PCM
25	SHIWANI SIDDHARTH MADAKWAR	PCM
26	SHRADDHA JAGANNATH BARVE	PCM
27	SUGAT PITAMBAR BANSOD	PCM
28	SUJATA MORESHWAR BONDRE	PCM
29	UMESH KANTILAL GAIKWAD	PCM
30	VISHAKHA VISHWANATH NATKAR	PCM
31	AKASH PRANHANS DUMBHARE	C/S
32	AKSHAY PRABHUJI DHORADE	C/S
33	ANKITA SHRIKANT DHARME	C/S
34	ASHWINI MURALIDHAR RAHANGADALE	C/S
35	AYUSHI UMESH JAISWAL	C/S
36	GAGAN RAJU SAHARE	C/S
37	GAURAV DIPAK ZADE	C/S
38	HARSHADA KHUSHAL AMBILDUKE	C/S
39	KAJAL LILADHAR WADIBHASME	C/S
40	KHUSHBU SUBHASHRAO GANESHKAR	C/S

Bridge course (Home Science) 2017-18

- **Concept-** A course taken at some colleges and universities, either in a wide range of subjects or in one subject at a basic level, preparing students for more advanced study. Bridge course is preparative course for college level course with an academic curriculum that is offered to enhance the knowledge of the students by means of preparing for the subject and to know basic information about core subjects. Bridge course are the tools to help students to success in their graduate level studies. It is also prerequisite and foundation course to know the basic information about various subjects.
- **Necessity-** Bridging courses provide a way for students to qualify for specific study programme and work towards their ideal career. Bridging courses are primarily offered to students who need to improve understanding in subjects that relate to particular study programme. Bridging courses are short focused learning programme designed to help college students. Bridging courses are offered in there courses are also executed for the pace and standard of education.
- **Aim and Objective-**

1. The students will be equipped with knowledge and the confidence needed on bigger challenges.
2. Interactive and active learning have been weaved into the bridge course.
3. The concept of assisted learning.
4. The act as a buffer for new entrance.

➤ **Duration-** 6 Days in the Month of July

➤ **Time-** Monday-Saturday

➤ **Syllabus-**

Unit I- Basic concept of food science and Nutrition, Functions and characteristics of food groups, Need and importance of Human development, Growth and development, Scope of textile and importance of clothing, Latest trends and fashion, Need of resource management (Human and Non-human resources), Importance of art in Interior Decoration, Extension education, Concept of society and problem solving attitude.

Unit II- Understand ecosystem and environment Issues, Environmental Pollution and its control measures, Basic chemistry of food, Applied Physics and basic computer, Understand importance Digital education

➤ **Report-** Our department conducted this course in duration **2017-18**

All newly students of 1st year were admitted in this course.

This course will be base platform for the students to interact with faculty members, making it responsible for them to develop strong relationship with faculty, advisor and other students. Through this, students get confidence about their respective course and placements

**ADMISSION REGISTER 2017-18 B. Sc. I Year
(H.Science)**

S.NO	STUDENT NAME	GROUP
1	KU. ANCHAL SHYAMSUNDAR NARNAWARE	Home Sci
2	AMITA HARDAS AMBADE	Home Sci
3	ANKITA DIGAMBER MANKAR	Home Sci
4	KU. ANKITA GANGADHAR GHARJALE	Home Sci
5	ANUSHRI SAHADEV KSHIRSAGAR	Home Sci
6	ARATI PYARILAL DAMAHE	Home Sci
7	KU. BHAGYASHREE DILIP CHAWADE	Home Sci
10	BHARTI KRUSHNA BAHE	Home Sci
11	DAMINI GHANSHAYAM DADURE	Home Sci
12	DARSHNA PRABHAKAR DHAMGAYE	Home Sci
13	KU. DIKSHA HARICHANDRA MEHARKULE	Home Sci
14	DIVYA REVARAM MADAVI	Home Sci
15	DURGA G0MAJI PISE	Home Sci
16	KU. GAJALA MOU. RAFIK SHEIKH	Home Sci
17	KU. HARSHA MORESHWAR BHIMTE	Home Sci

Bridge course [Bachelor of Fashion Design] 2017-18

- **Concept:** it is a supplementary program to allow students understand concept of fashion and overall about course and to make the academic environment friendly. Bridge course are the tool to have students to success in their graduate level studies.
- **Necessity:** as students in this field are from different educational streams so to bring the at kind of same level of perception about the course this foundation course is designed.
- **Duration :** 6 days in month of July
- **Time-** Monday-Saturday
- **Aim and Objectives:**
 - Interactive and active learning
 - A breather, to prepare themselves before course for first year.
 - To act as buffer for the new entrants.
- **Syllabus:**

Unit I: basic manual and computerized designing.

Basic knowledge of design and its types

Basic software study

Unit II: study of fabric in terms of design and production and types.

Unit III: history of Indian textile

➤ **Report:**

Our department conducted this course in **2nd July to 10th July in year 2017-18.**

All newly students of 1st year were admitted in this course .This course will be base platform for the students to interact with faculty members, making it responsible for them to develop strong relationship with faculty, advisor and other students. Through this, students get confidence about their respective course and placements

ADMISSION REGISTER 2017-18, B. Sc. 1 Year (BFD)

S.NO	STUDENT NAME	GROUP
1	AKASH NARENDRA TIWADE	BFD
2	AMIT MOTILAL NISTANE	BFD
3	KU. GAURI MANOJ KUMARE	BFD
4	KU. MAYURI DEVANAND MASRAM	BFD
5	NANDKISHOR RADHESHYAM MOHARE	BFD
6	NISHANT RAJKUMAR RAMTEKE	BFD
7	KU. PAYAL KISHOR PAISADELI	BFD
8	KU. PUJA CHANDRABHAN SHENDE	BFD
9	KU. SACHEE SUBHASH SURYAWANSHI	BFD
10	SAGAR SURAJ MEHUNE	BFD
11	SHUBHAM RAMPRASAD SIRSAM	BFD
12	SUMESH PRADEEP SHAHI	BFD
13	KU. VAISHNAVI VIKASRAO DHURAI	BFD

TAI GOLWALKAR MAHAVIDYALAYA, RAMTEK

Science & Home Science

Near Tahasil Office, Ramtek
Dist. Nagpur (MS) Pin-441106Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur
College Code - 361

CONTACT- Office - 07114-256651, Mobile +91 9423122292, Web- www.tgmm.org
Mail - info@tgmm.org, principal@tgmm.org, principal.tgscramtek@gmail.com

Date- 29 June 18

NOTICE

This is to inform all the 1st year students that, to prepare the students before starting the University prescribed Course for B.Sc., our college has been conducted 6 day Bridge Course in the 1st week of July from 2 July to 7 July 18 as per the Timetable given below. So all the newly admitted students compulsorily attend the Course in their respective subject according to the time table

Bridge Course Time Table, 2016 -17 to 2019 -20 (4 July to 9 July)

Day		1	2		3
	10.45	11.00 to 12.30	12.40 – 02.10		02.30 – 04.00
Monday	P	Chem./CS	Zoo. /Math.	R	Bot./Phys.
Tuesday	R	Chem./CS	Zoo. /Math.	E	Bot./Phys.
Wednesday	A	Bot./Phys.	Chem./CS	C	Zoo. /Math.
Thursday	Y	Bot./Phys.	Chem./CS	C	Zoo. /Math.
Friday	E	Zoo. /Math.	Bot./Phys.	S	Chem./CS
Saturday	R	Zoo. /Math.	Bot./Phys.	S	Chem./CS

Principal

NOTIFICATION
DATE: 21JUNE 18

This is to notify that the Principal of the college has decided to start Bridge Course in Tai Golwalkar Mahavidyalaya Ramtek for 1st year students in the 1st week of July.

Following persons are hereby nominated as the In-charge of the Course for the session 2017-18.

1. Ms. Swatantrata M. Sharne (Botany Dept.) –
[9028408355]
2. Dr. Manoj A. Pandey (Chemistry Dept.)
3. Dr. Vijay D. Raut (Zoology Dept.)
4. Dr. Vandana Khati (Physics Dept.)
5. Ms. Karishma D.Mahadule (Maths Dept.)
6. Ms. Ashwini Shirodkar (Computer Dept.)
7. Ms. Shubhangi Khobragade (Home Science)
8. Ms. Shivani Ladukar (Fashion Design)

The purpose/objective of the course –

To prepare students before starting the University prescribed course for B.Sc.

Note – All the Dept. Should prepare their own Bridge course syllabus & notes & conduct classes of 1&1/2 hrs prescribed in college time table.

Bridge Course (Chemistry) 2018-19

- **Concept-** A bridging course is a university-preparation course with an academic curriculum that is offered to mature students as a means of preparing for the intellectual challenges of a university education, successful completion of which is recognized as a basis of admission to the University. **Bridge courses** are a tool to help students succeed in their graduate level studies.
- **Necessity-** It is primarily offered courses to students who need to improve their understanding in subjects that relate to particular study programmes. **Bridging courses** are short, focused learning programmes designed to help high school students to enter in higher education institutions. They will also be taught the connection between writing and thinking and how to use writing and reading for inquiry, learning, thinking, and communicate in specific situations. They will be required to produce competent, professional writing through planning, drafting, revising, and editing.
- **Aim and Objectives-** The objective of the **Bridge course** is to explain what is expected of students in Pre University-level **classes** and to provide adequate foundation in the basic applied science subjects and English limited to moderate level so that students do not face any difficulty when the **classes** begin.
- **Duration-** 6 days in month of July
- **Time- Monday** to Saturday
- **Syllabus-**

Unit I-

Some basic concept of Chemistry, Atomic and Molecular Structure, Periodic table and their properties, Solid State, Solution and Colligative Properties, Chemical Thermodynamics, Coordination Chemistry.

Unit II-

Fundamentals in Organic Chemistry, Aliphatic (Alkanes Alkenes and Alkynes) and Aromatic Hydrocarbons, Alcohols Phenol and Amines, Introduction to Carbonyl and Carboxyl Chemistry, IUPAC nomenclature, Biomolecules, Chemistry in everyday life.

- **Report-**

Department of Chemistry conducted this course in the duration of 6 days from dated **2nd July to 7th July in year 2018-19.**

This course will be the best platform for the Students to interact with the Faculty members, making it responsible for them to develop a strong relationship with the respective subject, adviser and other students and become confident for higher Graduation studies and placements.

ADMISSION REGISTER 2018-19, B. Sc. I Year (Chemistry)

Sr.No	STUDENT NAME	GROUP	Sr.No	STUDENT NAME	GROUP
1	Abhi Prakashji Kuthe	CBZ	43	Kunal Rajdatta Shende	CBZ
2	Achal Gautam Doifode	CBZ	44	Mr. Harish Narendra Makde	CBZ
3	Akshay Ramdas Madavi	CBZ	45	Pramod Krishna Bawankule	CBZ
4	Amar Lakhan Mohare	CBZ	46	Priyanka Gangaram Lilhare	CBZ
5	Arfat Sheikh Anwar Chhaware	CBZ	47	Priyanka Kisanju Saryam	CBZ
6	Ashwin Ranjit Gaygaye	CBZ	48	Rahul Dinkar Kangale	CBZ
7	Deep Vijay Limje	CBZ	49	Rajat Shiramji Pote	CBZ
8	Durga Shankar Nawale	CBZ	50	Rohit Vishwanathji Bagmare	CBZ
9	Harshal Radhesham Mahajan	CBZ	51	Sumedh Omprakash Ganvir	CBZ
10	Jagdish Rajkumar Admachi	CBZ	52	Tinkal Rajesh Nagdeve	CBZ
11	Ku. Achal Vilasrao Dudhe	CBZ	53	Vaishnavi Shankar Bawankule	CBZ
12	Ku. Anjali Bandu Suryawanshi	CBZ	54	Vikas Bansilal Kumre	CBZ
13	Ku. Ankita Sureshrao Choudhari	CBZ	55	Vishal Sukkal Dhurve	CBZ
14	Ku. Apurva Manohar Meshram	CBZ	56	Aniket Sheshrao Mathare	PCM
15	Ku. Ayushi Anandrao Pillare	CBZ	57	Chhatrapal Tarachand Jambhulkar	PCM
16	Ku. Bhumika Kishor Khandekar	CBZ	58	Divyani Zanaklal Mahule	PCM
17	Ku. Bhuvaneshwari Vishnu Chhori	CBZ	59	Harshal Ashokrao Mankar	PCM
18	Ku. Diksha Ashok Thakre	CBZ	60	Ku. Aarti Bhumeswar Atkari	PCM
19	Ku. Divyani Ganpat Malewar	CBZ	61	Ku. Aishwarya V, Chavhan	PCM
20	Ku. Mayuri Arun Mahajan	CBZ	62	Ku. Damini Gopichand Thakrele	PCM
21	Ku. Megha Sanjay Bangadkar	CBZ	63	Ku. Devika Pradipsinh Nakoriya	PCM
22	Ku. Monika Devrao Uikey	CBZ	64	Ku. Jeba Altaf Khan	PCM
23	Ku. Navini Ganesh Avathare	CBZ	65	Ku. Komal Vijay Mahajan	PCM
24	Ku. Nikheeta Ammu Parteti	CBZ	66	Ku. Namrata Vishnu Kirpan	PCM
25	Ku. Nikita Suresh Chafle	CBZ	67	Ku. Pooja Pramod Hadge	PCM
26	Ku. Pallavi Shalikram Mahajan	CBZ	68	Ku. Pragati Sanjay Padole	PCM
27	Ku. Poonam Baban Chouke	CBZ	69	Ku. Pratiksha Gulab Damahe	PCM
28	Ku. Pranali Deorao Naukharkar	CBZ	70	Ku. Punam Gautam Khobragade	PCM
29	Ku. Pratiksha Wasudevrao Sarode	CBZ	71	Ku. Rajshri Jivatu Girhepunje	PCM
30	Ku. Ravina Ramprasad Darode	CBZ	72	Ku. Vaishali Ramesh Kumbhalkar	PCM
31	Ku. Rekha Raju Inwate	CBZ	73	Ku. Vaishnavi Atmaram Bawankar	PCM
32	Ku. Ritu Suresh Sahare	CBZ	74	Paresh Kedar Waghmare	PCM
33	Ku. Rupali Banduji Tandekar	CBZ	75	Pratiksha Bhalchand Deshmukh	PCM
34	Ku. Rutuja Jagannath Umale	CBZ	76	Puja Vindo Khaire	PCM
35	Ku. Sapana Ghamdeo Menghare	CBZ	77	Rina Laxman Chopkar	PCM
36	Ku. Shrutika Siddharth Shende	CBZ	78	Sanaafrin Shahadatkhah Pathan	PCM
37	Ku. Smita Prabhakar Deshmukh	CBZ	79	Sarita Zanaklal Lilhare	PCM
38	Ku. Sneha Shankarrao Kadbe	CBZ	80	Shubham Rajendra Sorte	PCM
39	Ku. Vaishnavi Ashokji Gathe	CBZ	81	Aksahyukumar Ramprasad Kumre	PCM
40	Ku. Vaishnavi Gajanan Sontakke	CBZ			
41	Ku. Vaishnavi Kishor Tandulkar	CBZ			
42	Ku. Vishakha Ramsing Pandhare	CBZ			

Bridge Course (Botany) 2018-19

➤ **Concept-** A Bridge course for newly admitted student is conducted before the commencement of the first semester classes. It is a preparation course with an academic curriculum that is offered under graduate students as a means of preparing for the intellectual challenges of a university education. Botany Dept. developed a teaching module which helps to close the gap between two levels of competence. The Bridge course inculcates skills and knowledge to enhance quality of higher education.

➤ **Necessity:-** Bridge course is Necessary for B.Sc I year Students , reason is they entering for Graduation after successfully completion of their 10+2 classes. We noticed that students have virtually stopped studying after month of March after their exams & some are after May after their completion of competitive exams. It's a long gap in studies so their concepts are destructed

Then the students choose the Group CBZ (Chemistry, Botany, and Zoology). After a discontinuity Botany subject is totally new for them. Thus the students are unable to cope with new Academic Environment and concept of the subject. Bridge course helps them to cope up from the pressure build in the minds of students.

➤ **Aim:-** Course is aimed to act as a buffer for the new admitted students

- 5) To provide adequate time & basic knowledge for transition to B.Sc course
- 6) To prepare students before starting the university prescribed course for B.Sc.

➤ **Objectives:-** This will lead to a better appreciation of the subject

- 11) To provide adequate time for the transition to hardcore of degree course
- 12) To enhance the comprehension in subjects.
- 13) The essential & fundamentals of 10+2 level subject (Biology) are necessary to understand the subject (Botany) at an ease.
- 14) To develop scientific attitude in the students
- 15) To make students green preservationist.

➤ **Duration:** - The course consists of 6 days in the month of July.

➤ **Time -** Monday to Saturday

➤ Syllabus:-

Unit 1

What is Botany – Concept, meaning, Father of Botany, different Botanist & their work, Indian Botanist, evolution of Plants?

Systematic of Botany – Concept of classification, How to write classification system, plant classification. (5 kingdom classification onwards) with important characters

Unit 2

Plant body – Introduction of Morphology, Introduction of Botanical terms & taxonomic terms, Economic importance of plants

Note -: Visit to college campus Botanical Garden , Plantation & University Pattern of Examination, especially difference between annual and semester, Internal assessment marks and Practical marks, Unit test, Project, tour etc. also covered in the course.

➤ Outcome of the course –

9. It has provided students the confidence skills to successfully transition to college.
10. Students have been familiarizing with TGM & its resources.
11. It has helped students for enhancing critical thinking skills through self exploration & class experiences
12. It has given exposure college life in a structured & supportive learning community

➤ Botany Department Bridge course Report

Dept. Of Botany has been successfully completed the 6 days bridge course in the month of July in prescribed timing Basically it is a short course to prepare students so that they are ready to learn the course offered by University. We tried to make a bridge to overcome the gap in studies of the students after the 12th exams by recalling them the basic concepts of Botany. Department frame a syllabus for the bridge course .For this we recommended them to read out the textbooks of class 11th & 12th prescribed by NCERT/SCERT. During this 6 day interaction in which plantation work is also included the students will be equipped with the basic knowledge about plants & the interaction with their new classmates and faculty a healthy teaching learning atmosphere is developed in the class as well as the confidence level of learning by doing is also increased.

Bridge Course (Zoology) 2018-2019

- **Aim** :- With a view to enhance the knowledge in subjects we frame a bridge course to first semester of B.sc programme students.
- **Objective**:- The bridge course aims to act as a buffer for the fresher's with an objective to provide adequate time for the transition to degree courses. This course provides a better transition phase to prepare themselves before the onset of courses for first semester. It also helps to develop process-skills and experimental, observational, manipulative, decision making and investigatory skills in the learners.
- **Design**-The course consists of 10 Hrs of interactive sessions and with oral question answer session for evaluation designed by the Zoology departments which is compulsory for all students.
- **Duration**- 6 Days in month of July
- **Time** – Monday to Saturday
- **Syllabus**

Unit 1:

Systematic and binomial system of nomenclature: meaning of the terms taxonomy, systematic, classification and nomenclature, Need of classification.

Systematics: Kingdom Protista- Salient features, examples; Kingdom Animalia-Introduction to different Phyla: Protozoa, Porifera, Coelenterata, Platyhelminthes, Aschelminthes, Annelida, Arthropoda, Mollusca, Echinodermata, Hemichordata and Chordata.

Unit 2:

Physiology and Biochemistry: Introduction to organ systems-Digestive, Endocrine and Reproductive system. **Modern concept of gene:** DNA as genetic material, structure of DNA as given by Watson and Cricks model, RNA: General structure **Cell:** Brief Explanation-Mendel and his experiments, Cell Organelles. **Biodiversity:** Biodiversity and Causes of Biodiversity Losses, Biodiversity Conservation **Environmental issues:** Air pollution and its control, water pollution and its control.

Note - Exam and Internal Assessment Patterns: University Pattern of Examination, especially difference between annual and semester, Internal assessment marks and Practical marks, Unit test, Project, tour etc. also covered in the course.

➤ **Report**

The Bridge Course was conducted for first year students. The students were identified who lacks basic concepts of life science or found the subject difficult to understand. The main objective of bridge course is to give them some extra attention so that they can cope up and be at par with the semester pattern of undergraduate syllabus. Students were made aware of the basics of the Zoology subjects and their opportunity.

The Schedule of bridge course was started from **2nd July & end on 7th of July in the year 2018**. All the newly admitted students in 1st year attend this course. Bridge course has produced awareness amongst students about teaching learning and revising basic concept of subjects. All bridge course session were interactive so that student from various backgrounds learns comfortably. Students were made aware about multidisciplinary areas and their developments

ADMISSION REGISTER 2018-19, B. Sc. I Year (Botany, Zoology)

S.N.	Name of Student	Group	S.N.	Name of Student	Group
1	Abhi Prakashji Kuthe	CBZ	31	Ku. Rekha Raju Inwate	CBZ
2	Achal Gautam Doifode	CBZ	32	Ku. Ritu Suresh Sahare	CBZ
3	Akshay Ramdas Madavi	CBZ	33	Ku. Rupali Banduji Tandekar	CBZ
4	Amar Lakhan Mohare	CBZ	34	Ku. Rutuja Jagannath Umale	CBZ
5	Arfat Sheikh Anwar Chhaware	CBZ	35	Ku. Sapana Ghamdeo Menghare	CBZ
6	Ashwin Ranjit Gaygaye	CBZ	36	Ku. Shrutika Siddharth Shende	CBZ
7	Deep Vijay Limje	CBZ	37	Ku. Smita Prabhakar Deshmukh	CBZ
8	Durga Shankar Nawale	CBZ	38	Ku. Sneha Shankarrao Kadbe	CBZ
9	Harshal Radhesham Mahajan	CBZ	39	Ku. Vaishnavi Ashokji Gathe	CBZ
10	Jagdish Rajkumar Admachi	CBZ	40	Ku. Vaishnavi Gajanan Sontakke	CBZ
11	Ku. Achal Vilasrao Dudhe	CBZ	41	Ku. Vaishnavi Kishor Tandulkar	CBZ
12	Ku. Anjali Bandu Suryawanshi	CBZ	42	Ku. Vishakha Ramsing Pandhare	CBZ
13	Ku. Ankita Sureshrao Choudhari	CBZ	43	Kunal Rajdatta Shende	CBZ
14	Ku. Apurva Manohar Meshram	CBZ	44	Mr. Harish Narendra Makde	CBZ
15	Ku. Ayushi Anandrao Pillare	CBZ	45	Pramod Krishna Bawankule	CBZ
16	Ku. Bhumika Kishor Khandekar	CBZ	46	Priyanka Gangaram Lilhare	CBZ
17	Ku. Bhuvaneshwari Vishnu Chhori	CBZ	47	Priyanka Kisanju Saryam	CBZ
18	Ku. Diksha Ashok Thakre	CBZ	48	Rahul Dinkar Kangale	CBZ
19	Ku. Divyani Ganpat Malewar	CBZ	49	Rajat Shriramji Pote	CBZ
20	Ku. Mayuri Arun Mahajan	CBZ	50	Rohit Vishwanathji Bagmare	CBZ
21	Ku. Megha Sanjay Bangadkar	CBZ	51	Sumedh Omprakash Ganvir	CBZ
22	Ku. Monika Devrao Uikey	CBZ	52	Tinkal Rajesh Nagdeve	CBZ
23	Ku. Navini Ganesh Avathare	CBZ	53	Vaishnavi Shankar Bawankule	CBZ
24	Ku. Nikheeta Ammu Parteti	CBZ	54	Vikas Bansilal Kumre	CBZ
25	Ku. Nikita Suresh Chafle	CBZ	55	Vishal Sukkal Dhurve	CBZ
26	Ku. Pallavi Shalikram Mahajan	CBZ			
27	Ku. Poonam Baban Chouke	CBZ			
28	Ku. Pranali Deorao Naukharkar	CBZ			
29	Ku. Pratiksha Wasudevrao Sarode	CBZ			
30	Ku. Ravina Ramprasad Darode	CBZ			

Bridge Course (Mathematics) 2018-2019

- ✓ **CONCEPT**- A bridge course for newly admitted students is conducted every year before the commencement of the first semester classes. Bridging courses are short, focused learning programmes designed to help high school students enter higher education institutions.
- ✓ **NECESSARY**- It is observed that NCERT syllabus as it is about 20-30% vast than the previous state board syllabus. While those who have studied ICSE or CBSE in school are not much affected, but those from the State syllabus may find it difficult. Bridge course helps students to open up, think creatively and become responsible and independent students.
- ✓ **AIMS and OBJECTIVE**-The main objective of the course is to bridge the gap between subjects studied at Pre-university level and subjects they would be studying in BSc classes
- ✓ **DURATION** – 6 Days in month of July
- ✓ **TIME** - from Monday to Saturday
- ✓ **SYLLABUS**-

UNIT 1-

Rank of matrix, Linear Equation, characteristic equation, linear homogenous equation, complex number, Euler's equation, Relation between roots and coefficient.

UNIT 2-

Limit and continuity, derivative, partial derivatives, Differentiation and chain Rule, Integration, Indeterminate form, Triple integration.

➤ **REPORT**

Our department conducted a bridge course at dated 2nd July to 7th July in year 2018.

Newly admitted students are attending this course

During this interaction of few days with the faculty, the students will come out of their hesitation and it will be the best platform for the students to interact with the faculty members, making it responsible for them to build strong relationships with faculty, advisers and other students.

A bridging **course** is a university-preparation **course** with an academic curriculum that is offered to mature **students** as a means of preparing for the intellectual challenges of a university education, successful completion of which is recognized as a basis of admission to the college.

Bridge Course (Physics) 2018-19

- **CONCEPT**- A bridge course for newly admitted students is conducted every year before the commencement of the first semester classes. Bridging courses are short, focused learning programmes designed to help high school students enter higher education institutions.
- **NECESSITY** - It is observed that NCERT syllabus as it is about 20-30% vast than the previous state board syllabus. While those who have studied ICSE or CBSE in school are not much affected, but those from the State syllabus may find it difficult. Bridge course helps students to open up, think creatively and become responsible and independent students.
- **AIMS and OBJECTIVE**-The main objective of the course is to bridge the gap between subjects studied at Pre-university level and subjects they would be studying in BSc classes
- **DURATION**- 6 Days in month of July
- **TIME** - Monday to Saturday
- **SYLLABUS**-

UNIT 1-

Elasticity, modulus of elasticity, viscosity, surface tension, Newtons laws of motion, moment of inertia, oscillation, simple harmonic motion, stationary waves, thermal properties of material, kinetic theory of gases.

UNIT 2-

Electrostatics, dielectrics, electromagnetic induction, Kirchoff's law, AC circuits, magnetism, properties of light,

- **REPORT** .

Our department conducted a bridge course at dated **2 July to 7 July in year 2018**. Newly admitted students attend this bridge course.

During this interaction of few days with the faculty, the students will come out of their hesitation and it will be the best platform for the students to interact with the faculty members, making it responsible for them to build strong relationships with faculty, advisers and other students.

A bridging **course** is a university-preparation **course** with an academic curriculum that is offered to mature **students** as a means of preparing for the intellectual challenges of a university education, successful completion of which is recognized as a basis of admission to the college.

Bridge Course (computer science) 2018-19

- **CONCEPT** - A bridge course for newly admitted students is conducted every year before the commencement of the first semester classes. Bridging courses are short, focused learning programmes designed to help high school students enter higher education institutions.
- **NECESSITY** - It is observed that NCERT syllabus as it is about 20-30% vast than the previous state board syllabus. While those who have studied ICSE or CBSE in school are not much affected, but those from the State syllabus may find it difficult. Bridge course helps students to open up, think creatively and become responsible and independent students.
- **AIMS and OBJECTIVE** - The main objective of the course is to bridge the gap between subjects studied at Pre-university level and subjects they would be studying in BSc classes
- **DURATION** - They are seen as introductory level courses and can range from 4 days to 2 weeks.
- **TIME** - from Monday to Saturday
- **SYLLABUS** -

UNIT 1- Classification of computers, types of software, number system, memory concepts, internal storage, introduction to algorithm and flowcharts.

UNIT 2- Concept of Networking, types of networking, network topologies, network protocol, evaluation of networking, network devices.

➤ **REPORT**

Our department conducted a bridge course at dated 2nd July to 7th July in year 2018

20 students are admitted in this course.

During this interaction of few days with the faculty, the students will come out of their hesitation and it will be the best platform for the students to interact with the faculty members, making it responsible for them to build strong relationships with faculty, advisers and other students.

A bridging **course** is a university-preparation **course** with an academic curriculum that is offered to mature **students** as a means of preparing for the intellectual challenges of a university education, successful completion of which is recognized as a basis of admission to the college.

ADMISSION REGISTER 2018-19, B. Sc. I Year
(Physics, Moths., Computer Science)

Sr.No	STUDENT NAME	GROUP	Sr.No	STUDENT NAME	GROUP
1	Aniket Sheshrao Mathare	PCM	31	Ku. Aishwarya Parasram Bawankule	C/S
2	Chhatrapal Tarachand Jambhulkar	PCM	32	Ku. Arpita Tarachandji Bangadakar	C/S
3	Divyani Zanaklal Mahule	PCM	33	Ku. Ashwini Surendra Dhenge	C/S
4	Harshal Ashokrao Mankar	PCM	34	Ku. Janhavi Suryabhan Padole	C/S
5	Ku. Aarti Bhumeswar Atkari	PCM	35	Ku. Prachi Anil Manwatkar	C/S
6	Ku. Aishwarya Virendrasingh Chavhan	PCM	36	Ku. Pranjali Ramesh Bhojar	C/S
7	Ku. Damini Gopichand Thakrele	PCM	37	Ku. Prankita Vinod Raut	C/S
8	Ku. Devika Pradipsinh Nakoriya	PCM	38	Ku. Pushpakanwar Bhawarshingh Rathore	C/S
9	Ku. Jeba Altaf Khan	PCM	39	Ku. Rasika Ramesh Samarit	C/S
10	Ku. Komal Vijay Mahajan	PCM	40	Ku. Rutuja Ashok Patil	C/S
11	Ku. Namrata Vishnu Kirpan	PCM	41	Ku. Sakshi Ramdas Bawankule	C/S
12	Ku. Pooja Pramod Hadge	PCM	42	Ku. Sanjana Anil Wade	C/S
13	Ku. Pragati Sanjay Padole	PCM	43	Ku. Sarita Rajuji Kumbhalkar	C/S
14	Ku. Pratiksha Gulab Damahe	PCM	44	Ku. Vaishnavi Bhagwan Ninawe	C/S
15	Ku. Punam Gautam Khobragade	PCM	45	Ku. Vaishnavi Ghanshyam Chaudhari	C/S
16	Ku. Rajshri Jivatu Girhepunje	PCM	46	Ku. Yaishwarya Ramesh Botare	C/S
17	Ku. Vaishali Ramesh Kumbhalkar	PCM	47	Nikita Suresh Bhandarkar	C/S
18	Ku. Vaishnavi Atmaram Bawankar	PCM	48	Pragati Hiranman Charade	C/S
19	Paresh Kedar Waghmare	PCM	49	Prashant Digambar Jivtode	C/S
20	Pratiksha Bhalchand Deshmukh	PCM	50	Rahul Maroti Meshram	C/S
21	Puja Vindo Khaire	PCM	51	Resham Banduji Lajewar	C/S
22	Rina Laxman Chopkar	PCM	52	Roshan Beniram Gedam	C/S
23	Sanaafrin Shahadatkh Pathan	PCM	53	Sabid Wahidkhan Pathan	C/S
24	Sarita Zanaklal Lihare	PCM	54	Samiksha Dinanath Sarode	C/S
25	Shubham Rajendra Sorte	PCM	55	Sanket Sharad Hadge	C/S
26	Aksahy Kumar Ramprasad Kumre	PCM	56	Shubhash Hansaraj Raut	C/S
27	Abhishek Balwant Thakre	C/S	57	Ku. Shradha Ramchansingh Chandel	C/S
28	Ankit Ashok Latkar	C/S			
29	Chandrashekhar Bajirao Meshram	C/S			
30	Jayant Sharad Bagade	C/S			

Bridge course ((Home Science) 2018-19

- **Concept-** A course taken at some colleges and universities, either in a wide range of subjects or in one subject at a basic level, preparing students for more advanced study. Bridge course is preparative course for college level course with an academic curriculum that is offered to enhance the knowledge of the students by means of preparing for the subject and to know basic information about core subjects. Bridge course are the tools to help students to success in their graduate level studies. It is also prerequisite and foundation course to know the basic information about various subjects.
- **Necessity-** Bridging courses provide a way for students to qualify for specific study programme and work towards their ideal career. Bridging courses are primarily offered to students who need to improve understanding in subjects that relate to particular study programme. Bridging courses are short focused learning programme designed to help college students. Bridging courses are offered in there courses are also executed for the pace and standard of education.
- **Aim and Objective-**
 1. The students will be equipped with knowledge and the confidence needed on bigger challenges.
 2. Interactive and active learning have been weaved into the bridge course.
 3. The concept of assisted learning.
 4. The act as a buffer for new entrance.
 - **Duration-** 6 Days in the Month of July
 - **Time-** Monday-Saturday
 - **Syllabus-**

Unit I-

Basic concept of food science and Nutrition, Functions and characteristics of food groups, Need and importance of Human development, Growth and development, Scope of textile and importance of clothing, Latest trends and fashion, Need of resource management (Human and Non-human resources), Importance of art in Interior Decoration, Extension education, Concept of society and problem solving attitude.

Unit II-

Understand ecosystem and environment Issues, Environmental Pollution and its control measures, Basic chemistry of food, Applied Physics and basic computer, Understand importance Digital education

➤ **Report-**

Our department conducted this course in duration **2018-19**

All newly students of 1st year were admitted in this course. This course will be base platform for the students to interact with faculty members, making it responsible for them to develop strong relationship with faculty, advisor and other students. Through this, students get confidence about their respective course and placements

ADMISSION REGISTER 2018-19, B. Sc. I Year (H. Science)

S.N.	Name of Student	Group	S.N.	Name of Student	Group
1	Ku. Shivani Shrawan Dhurve	Home Sci.	28	Taiyaba Taher Kureshi	Home Sci.
2	Rani Umrao Thakre	Home Sci.	29	Kanchan Shankar Uikey	Home Sci.
3	Ku. Urmila Fulnandkishor Patil	Home Sci.	30	Ku. Pooja Ramgopal Biranwar	Home Sci.
4	Ku. Diksha Shailendra Khajure	Home Sci.	31	Mangala Ramesh Jagnit	Home Sci.
5	Rupeshwari Ratan Bhonde	Home Sci.	32	Pratiksha Narayan Rode	Home Sci.
6	Ku. Jyoti Vinayak Uikey	Home Sci.	33	Ku. Vaishali Kamlakar Rode	Home Sci.
7	Ku. Harshada Someshwar Damahe	Home Sci.	34	Priti Banduji Rode	Home Sci.
8	Ku. Karishma Ishwar Mohare	Home Sci.	35	Priyanka Govinda Piprode	Home Sci.
9	Ku. Shruti Morotrao Padole	Home Sci.	36	Sunita Dhanlal Damahe	Home Sci.
10	Payal Shesharam Mahule	Home Sci.	37	Ku. Divya R.Nagmote	Home Sci.
11	Ku. Amrapali Sukhadeo Uikey	Home Sci.	38	Ku. Neha Ashok Dhakhare	Home Sci.
12	Ku. Priyanka Kawadu Dhurve	Home Sci.	39	Ku. Durga Goma Pise	Home Sci.
13	Anjali Omrao Zade	Home Sci.	40	Ku. Shital Ekanath Dhobale	Home Sci.
14	Puja Shivchandra Bhonde	Home Sci.	41	Ku. Yogita Nirranjan Pahade	Home Sci.
15	Ku. Monu Madhukar Kapse	Home Sci.	42	Ku. Prachi Ashok Raut	Home Sci.
16	Ku. Kajal Krishna Gondane	Home Sci.	43	Ku. Reshma Anjum Abaul Sattar Sheikh	Home Sci.
17	Ku. Afrin Asalamkha Pathan	Home Sci.	44	Ku. Sonali Anandrao Jadhav	Home Sci.
18	Ku. Pranjali Sanjayrao Dangare	Home Sci.	45	Ku. Seema Bapurao Kodwate	Home Sci.
19	Ku. Ankita Pradip Bagade	Home Sci.	46	Ku. Nikita Pralhad Parteti	Home Sci.
20	Ku. Pranju Deorao Raghtate	Home Sci.	47	Ku. Ankita Digambar Mankar	Home Sci.
21	Ku. Manisha Someshwar Damahe	Home Sci.	48	Ku. Pinki Mohansingh Chouhan	Home Sci.
22	Prachi Ravindra Chimankar	Home Sci.	49	Ku. Monali Marotrao Potbhare	Home Sci.
23	Ku. Komal Prakash Thakre	Home Sci.	50	Ku. Lata Sahebrao Khadse	Home Sci.
24	Ku. Shiwani Ramdas Mohatkar	Home Sci.	51	Priyanka Mayaram Inwate	Home Sci.
25	Ku. Pournima Bihari Lanjewar	Home Sci.	52	Amita Haridas Ambade	Home Sci.
26	Nikita Ramesh Wandhare	Home Sci.	53	Vandana Maroti Gaikwad	Home Sci.
27	Ku. Priyanka Yograj Hingankar	Home Sci.	54	Pranali Raju Garade	Home Sci.
			55	Pinki Soma Khaire	Home Sci.

Bridge course [Department of Fashion Design] 2018-19

- **Concept:** it is a supplementary program to allow students understand concept of fashion and overall about course and to make the academic environment friendly. Bridge course are the tool to have students to success in their graduate level studies.
- **Necessity:** as students in this field are from different educational streams so to bring the at kind of same level of perception about the course this foundation course is designed.
- **Duration :** 6 days in month of July
- **Time-** Monday-Saturday
- **Aim and Objectives:**
 - Interactive and active learning
 - A breather, to prepare themselves before course for first year.
 - To act as buffer for the new entrants.
- **Syllabus:**

Unit I: basic manual and computerized designing.

Basic knowledge of design and its types

Basic software study

Unit II: study of fabric in terms of design and production and types.

Unit III: history of Indian textile

➤ **Report:**

Our department conducted this course in **2nd July to 7th July in year 2018-19**

All newly students of 1st year were admitted in this course .This course will be base platform for the students to interact with faculty members, making it responsible for them to develop strong relationship with faculty, advisor and other students. Through this, students get confidence about their respective course and placements

ADMISSION REGISTER 2018-19, B. Sc. I Year (BFD)

Sr. No	STUDENT NAME	GROUP
1	KU. ROHINI HARIKISAN MATHARE	BFD
2	KU.PUJA UMASHANKAR TIKAPACHE	BFD
3	KU.PRACHI KRUSHANJI GHIVDONDE	BFD
4	KU. JAYSHREE CHANDRASHEKHAR HATWAR	BFD
5	KU.ASHVINI RAJENDRA YAWALKAR	BFD
6	KU. PRAJAKTA SADANAND KUBDE	BFD
7	KU. DIVYA BHASKAR NIMKAR	BFD
8	KU. MAMATA YASHWANT FATING	BFD

TAI GOLWALKAR MAHAVIDYALAYA, RAMTEK

Science & Home Science

Near Tahasil Office, Ramtek
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College Code - 361

CONTACT - Office - 07114-256651, Mobile +91 9423122292, Web- www.tgmm.org
Mail - info@tgmm.org, principal@tgmm.org, principal.tgscramtek@gmail.com

Date- 29 June19

NOTICE

This is to inform all the 1st year students that to prepare before starting the University prescribed Course for B.Sc, our college has been conducted 6 day Bridge Course in the 1st week of July from 1 July to 6 July 2019 as per the Timetable given below. So all the newly admitted students compulsorily attend the Course in their respective subject according to the time table

Bridge Course Time Table, 2016 -17 to 2019 -20 (4 July to 9 July)

Day		1	2		3
	10.45	11.00 to12.30	12.40 – 02.10		02.30 – 04.00
Monday	P	Chem./CS	Zoo. /Math.	R	Bot./Phys.
Tuesday	R	Chem./CS	Zoo. /Math.	E	Bot./Phys.
Wednesday	A	Bot./Phys.	Chem./CS	C	Zoo. /Math.
Thursday	Y	Bot./Phys.	Chem./CS	C	Zoo. /Math.
Friday	E	Zoo. /Math.	Bot./Phys.	S	Chem./CS
Saturday	R	Zoo. /Math.	Bot./Phys.	S	Chem./CS

Principal

NOTIFICATION
DATE: 21 JUNE 19

This is to notify that the Principal of the college has decided to start Bridge Course in Tai Golwalkar Mahavidyalaya Ramtek for 1st year students in the 1st week of July.

Following persons are hereby nominated as the In-charge of the Course for the session 2017-18.

1. Ms. Swatantrata M. Sharne (Botany Dept.) –
[9028408355]
2. Dr. Manoj A. Pandey (Chemistry Dept.)
3. Dr. Vijay D. Raut (Zoology Dept.)
4. Dr. Vandana Khati (Physics Dept.)
5. Ms. Karishma D.Mahadule (Maths Dept.)
6. Mr. NandKishor Deshmukh (Computer Dept.)
7. Ms. Shubhangi Khobragade (Home Science)
8. Ms. Shivani Ladukar (Fashion Design)

The purpose/objective of the course –

To prepare students before starting the University prescribed course for B.Sc.

Note – All the Dept. Should prepare their own Bridge course syllabus & notes & conduct classes of 1&1/2 hrs prescribed in college time table.

Bridge Course (Chemistry) 2019-20

- **Concept-** A bridging course is a university-preparation course with an academic curriculum that is offered to mature students as a means of preparing for the intellectual challenges of a university education, successful completion of which is recognized as a basis of admission to the University. **Bridge courses** are a tool to help students succeed in their graduate level studies.
- **Necessity-**It is primarily offered courses to students who need to improve their understanding in subjects that relate to particular study programmes. **Bridging courses** are short, focused learning programmes designed to help high school students to enter in higher education institutions. They will also be taught the connection between writing and thinking and how to use writing and reading for inquiry, learning, thinking, and communicate in specific situations. They will be required to produce competent, professional writing through planning, drafting, revising, and editing.
- **Aim and Objectives-** The **objective** of the **Bridge course** is to explain what is expected of students in Pre University-level **classes** and to provide adequate foundation in the basic applied science subjects and English limited to moderate level so that students do not face any difficulty when the **classes** begin.
- **Duration-** 6 days in month of July
- **Time-** Monday to Saturday
- **Syllabus-**

Unit I- Some basic concept of Chemistry, Atomic and Molecular Structure, Periodic table and their properties, Solid State, Solution and Colligative Properties, Chemical Thermodynamics, Coordination Chemistry.

Unit II- Fundamentals in Organic Chemistry, Aliphatic (Alkanes Alkenes and Alkynes) and Aromatic Hydrocarbons, Alcohols Phenol and Amines, Introduction to Carbonyl and Carboxyl Chemistry, IUPAC nomenclature, Biomolecules, Chemistry in everyday life.

- **Report-**

Department of Chemistry conducted this course in the duration of 6 days from dated **1 July to 6 July 2019-2020**

This course will be the best platform for the Students to interact with the Faculty members, making it responsible for them to develop a strong relationship with the respective subject, adviser and other students and become confident for higher Graduation studies and placements.

ADMISSION REGISTER 2019-20 B. Sc. I Year (Chemistry)

S.N.	Name of Student	Group	S.N.	Name of Student	Group
1	Ku. Shital Ruprao Chincholkar	CBZ	31	Ku. Divya Pankaj Kalawadiya	CBZ
2	Payal Uttam Natkar	CBZ	32	Ku. Achal Raju Raut	CBZ
3	Ku. Akanksha Manohar Meshram	CBZ	33	Sushil Vinayak Sonwane	CBZ
4	Ku. Nikita Deorao Khandate	CBZ	34	Ayush Yuvraj Balpande	CBZ
5	Ku. Isika Deoraj Inwate	CBZ	35	Ku. Rina Maroti Kahnkule	CBZ
6	Ku. Payal Mukesh Dhoke	CBZ	36	Pranay Narad Maraskolhe	CBZ
7	Atul Keshao Rao Khandate	CBZ	37	Ku. Achal Dipchand Sharanangat	CBZ
8	Ku. Shubhangi Mohan Amrute	CBZ	38	Ku. Divya Devidas Shrawankar	CBZ
9	Nehana Abhimanyu Doifode	CBZ	39	Ku. Karina Shalik Hood	CBZ
10	Pooja Shankar Bagballare	CBZ	40	Ku. Vaishnavi Ramprasad Barai	CBZ
11	Tanuja Durgaprasad Thakre	CBZ	41	Ku. Shabanam Balkrushna Mohare	CBZ
12	Ku. Dipali Chintaman Warkhade	CBZ	42	Ku. Bhavana Kanhaiyalal Sorley	CBZ
13	Ku. Prachi Suresh Kuthe	CBZ	43	Parth Vijay Badwaik	CBZ
14	Ku. Dhanshree Satish Dhurai	CBZ	44	Ku. Shweta Gunvant Bhajipale	CBZ
15	Jyostna Jagannath Uikey	CBZ	45	Pranav Pramod Bhalavi	CBZ
16	Ku. Isha Sanjay Deshmukh	CBZ	46	Ku. Switi Subhash Hatwar	CBZ
17	Ku. Puja Bhaurao Bhalavi	CBZ	47	Vijay Ratiram Meshram	CBZ
18	Ku. Vidya Rambhau Tekam	CBZ	48	Ku. Sapna Ganesh Turankar	CBZ
19	Ku. Sejal Suresh Dongare	CBZ	49	Ku. Pragati Harish Chichakhede	PCM
20	Avan Prakash Kodwate	CBZ	50	Sahil Jayant Puri	PCM
21	Ku. Nilam Ashok Wadive	CBZ	51	Ku. Shruti Harishchandra Bansod	PCM
22	Ku. Priyanka Tukadudas Takod	CBZ	52	Ankita Ghanshyam Choudhari	PCM
23	Rehan Yashinkha Pathan	CBZ	53	Abhishek Kishor Sonkusare	PCM
24	Ku. Deepti Gajanan Gajjalwar	CBZ	54	Mohit Prakash Khobragade	PCM
25	Kajal Dnyaneshwar Diwate	CBZ	55	Prashant Pappu Warkhade	PCM
26	Ku. Anjali Shantrughan Lohare	CBZ	56	Ku. Rutika Tukaram Deshmukh	PCM
27	Ku. Priyanka Pitamber Ashtankar	CBZ	57	Ku. Janhvi Jayant Vaidya	PCM
28	Ku. Karuna Kishor Chandanbatve	CBZ	58	Rohit Ratiram Parteti	PCM
29	Anuradha Subhash Baghele	CBZ			
30	Ku. Komal Moreshwar Chaple	CBZ			

Bridge Course (Botany) 2019-20

➤ **Concept-** A Bridge course for newly admitted student is conducted before the commencement of the first semester classes. It is a preparation course with an academic curriculum that is offered under graduate students as a means of preparing for the intellectual challenges of a university education. Botany Dept. developed a teaching module which helps to close the gap between two levels of competence. The Bridge course inculcates skills and knowledge to enhance quality of higher education.

➤ **Necessity:-** Bridge course is Necessary for B.Sc I year Students , reason is they entering for Graduation after successfully completion of their 10+2 classes. We noticed that students have virtually stopped studying after month of March after their exams & some are after May after their completion of competitive exams. It's a long gap in studies so their concepts are destructed

Then the students choose the Group CBZ (Chemistry, Botany, and Zoology). After a discontinuity Botany subject is totally new for them. Thus the students are unable to cope with new Academic Environment and concept of the subject. Bridge course helps them to cope up from the pressure build in the minds of students.

➤ **Aim:-** Course is aimed to act as a buffer for the new admitted students

- 7) To provide adequate time & basic knowledge for transition to B.Sc course
- 8) To prepare students before starting the university prescribed course for B.Sc.

➤ **Objectives:-** This will lead to a better appreciation of the subject

- 16) To provide adequate time for the transition to hardcore of degree course
- 17) To enhance the comprehension in subjects.
- 18) The essential & fundamentals of 10+2 level subject (Biology) are necessary to understand the subject (Botany) at an ease.
- 19) To develop scientific attitude in the students
- 20) To make students green preservationist.

➤ **Duration:** - The course consists of 6 days in the month of July.

➤ **Time:-** Monday to Saturday

➤ Syllabus:-

Unit 1

What is Botany – Concept, meaning, Father of Botany, different Botanist & their work, Indian Botanist, evolution of Plants?

Systematic of Botany – Concept of classification, How to write classification system, plant classification. (5 kingdom classification onwards) with important characters

Unit 2

Plant body – Introduction of Morphology, Introduction of Botanical terms & taxonomic terms, Economic importance of plants

Note -: Visit to college campus Botanical Garden , Plantation & University Pattern of Examination, especially difference between annual and semester, Internal assessment marks and Practical marks, Unit test, Project, tour etc. also covered in the course.

➤ Outcome of the course –

9. It has provided students the confidence skills to successfully transition to college.
10. Students have been familiarizing with TGM & its resources.
11. It has helped students for enhancing critical thinking skills through self exploration & class experiences
12. It has given exposure college life in a structured & supportive learning community

➤ Botany Department Bridge course Report

Dept. Of Botany has been successfully completed the 6 days bridge course in the month of July in prescribed timing Basically it is a short course to prepare students so that they are ready to learn the course offered by University. We tried to make a bridge to overcome the gap in studies of the students after the 12th exams by recalling them the basic concepts of Botany. Department frame a syllabus for the bridge course .For this we recommended them to read out the textbooks of class 11th & 12th prescribed by NCERT/SCERT. During this 6 day interaction in which plantation work is also included the students will be equipped with the basic knowledge about plants & the interaction with their new classmates and faculty a healthy teaching learning atmosphere is developed in the class as well as the confidence level of learning by doing is also increased.

Bridge Course (Zoology) 2019-20

- **Aim** - With a view to enhance the knowledge in subjects we frame a bridge course to first semester of B.sc programme students.
- **Objective**- The bridge course aims to act as a buffer for the fresher's with an objective to provide adequate time for the transition to degree courses. This course provides a better transition phase to prepare themselves before the onset of courses for first semester. It also helps to develop process-skills and experimental, observational, manipulative, decision making and investigatory skills in the learners.
- **Design**-The course consists of 10 Hrs of interactive sessions and with oral question answer session for evaluation designed by the Zoology departments which is compulsory for all students.
- **Duration**- 6 Days in month of July
- **Time** – Monday to Saturday
- **Syllabus**

Unit 1:

Systematic and binomial system of nomenclature: meaning of the terms taxonomy, systematic, classification and nomenclature, Need of classification.

Systematics: Kingdom Protista- Salient features, examples; Kingdom Animalia-Introduction to different Phyla: Protozoa, Porifera, Coelenterata, Platyhelminthes, Aschelminthes, Annelida, Arthropoda, Mollusca, Echinodermata, Hemichordata and Chordata.

Unit 2:

Physiology and Biochemistry: Introduction to organ systems-Digestive, Endocrine and Reproductive system. **Modern concept of gene:** DNA as genetic material, structure of DNA as given by Watson and Cricks model, RNA: General structure **Cell:** Brief Explanation-Mendel and his experiments, Cell Organelles. **Biodiversity:** Biodiversity and Causes of Biodiversity Losses, Biodiversity Conservation **Environmental issues:** Air pollution and its control, water pollution and its control.

Note - Exam and Internal Assessment Patterns: University Pattern of Examination, especially difference between annual and semester, Internal assessment marks and Practical marks, Unit test, Project, tour etc. also covered in the course.

➤ **Report**

The Bridge course was conducted for first year students (Zoology). The main objectives of bridge course are to provide basic concepts about subject and about semester pattern of undergraduate syllabus.

Bridge course has produced awareness amongst students about teaching learning effectively. All bridge course session were interactive so that student becomes comfortable. Our department conducted a bridge course at dated **1 July to 6July 2019**. All the Newly admitted students of 1st year attend this bridge course

The faculty member Dr. Vijay D. Raut have successfully completed and concluded Bridge Course satisfactorily.

ADMISSION REGISTER 2019-20 B. Sc. I Year**(Botany & Zoology)**

S. N.	STUDENT NAME	GROUP	S. N.	STUDENT NAME	GROUP
1	Ku. Shital Ruprao Chincholkar	CBZ	31	Ku. Divya Pankaj Kalawadiya	CBZ
2	Payal Uttam Natkar	CBZ	32	Ku. Achal Raju Raut	CBZ
3	Ku. Akanksha Manohar Meshram	CBZ	33	Sushil Vinayak Sonwane	CBZ
4	Ku. Nikita Deorao Khandate	CBZ	34	Ayush Yuvraj Balpande	CBZ
5	Ku. Isika Deoraj Inwate	CBZ	35	Ku. Rina Maroti Kahnkule	CBZ
6	Ku. Payal Mukesh Dhoke	CBZ	36	Pranay Narad Maraskolhe	CBZ
7	Atul Kesharao Khandate	CBZ	37	Ku. Achal Dipchand Sharanangat	CBZ
8	Ku. Shubhangi Mohan Amrute	CBZ	38	Ku. Divya Devidas Shrawankar	CBZ
9	Nehana Abhimanyu Doifode	CBZ	39	Ku. Karina Shalik Hood	CBZ
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11	Tanuja Durgaprasad Thakre	CBZ	41	Ku. Shabanam Balkrushna Mohare	CBZ
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15	Jyotsna Jagannath Uikey	CBZ	45	Pranav Pramod Bhalavi	CBZ
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17	Ku. Puja Bhaurao Bhalavi	CBZ	47	Vijay Ratiram Meshram	CBZ
18	Ku. Vidya Rambhau Tekam	CBZ	48	Ku. Sapna Ganesh Turankar	CBZ
19	Ku. Sejal Suresh Dongare	CBZ			
20	Avan Prakash Kodwate	CBZ			
21	Ku. Nilam Ashok Wadive	CBZ			
22	Ku. Priyanka Tukadudas Takod	CBZ			
23	Rehan Yashinkha Pathan	CBZ			
24	Ku. Deepti Gajanan Gajjalwar	CBZ			
25	Kajal Dnyaneshwar Diwate	CBZ			
26	Ku. Anjali Shantrughan Lohare	CBZ			
27	Ku. Priyanka Pitamber Ashtankar	CBZ			
28	Ku. Karuna Kishor Chandanbatve	CBZ			
29	Anuradha Subhash Baghele	CBZ			
30	Ku. Komal Moreshwar Chaple	CBZ			

Bridge Course (Mathematics) 2019-2020

- ✓ **CONCEPT**- A bridge course for newly admitted students is conducted every year before the commencement of the first semester classes. Bridging courses are short, focused learning programmes designed to help high school students enter higher education institutions.
- ✓ **NECESSARY** - It is observed that NCERT syllabus as it is about 20-30% vast than the previous state board syllabus. While those who have studied ICSE or CBSE in school are not much affected, but those from the State syllabus may find it difficult. Bridge course helps students to open up, think creatively and become responsible and independent students.
- ✓ **AIMS and OBJECTIVE**-The main objective of the course is to bridge the gap between subjects studied at Pre-university level and subjects they would be studying in BSc classes
- ✓ **DURATION** – 6 Days in month of July
- ✓ **TIME** - from Monday to Saturday
- ✓ **SYLLABUS**-

UNIT 1-

Rank of matrix, Linear Equation, characteristic equation, linear homogenous equation, complex number, Euler's equation, Relation between roots and coefficient.

UNIT 2-

Limit and continuity, derivative, partial derivatives, Differentiation and chain Rule, Integration, Indeterminate form, Triple integration.

➤ **REPORT**

Our department conducted a bridge course at dated 1st July to 6th July in year 2019.

Newly admitted students are attending this course

During this interaction of few days with the faculty, the students will come out of their hesitation and it will be the best platform for the students to interact with the faculty members, making it responsible for them to build strong relationships with faculty, advisers and other students.

A bridging **course** is a university-preparation **course** with an academic curriculum that is offered to mature **students** as a means of preparing for the intellectual challenges of a university education, successful completion of which is recognized as a basis of admission to the college.

Bridge Course (Physics) 2019-20

- **CONCEPT**- A bridge course for newly admitted students is conducted every year before the commencement of the first semester classes. Bridging courses are short, focused learning programmes designed to help high school students enter higher education institutions.
- **NECESSITY** - It is observed that NCERT syllabus as it is about 20-30% vast than the previous state board syllabus. While those who have studied ICSE or CBSE in school are not much affected, but those from the State syllabus may find it difficult. Bridge course helps students to open up, think creatively and become responsible and independent students.
- **AIMS and OBJECTIVE**-The main objective of the course is to bridge the gap between subjects studied at Pre-university level and subjects they would be studying in BSc classes
- **DURATION**- 6 Days in month of July
- **TIME** - Monday to Saturday
- **SYLLABUS**-

UNIT 1-

Elasticity, modulus of elasticity, viscosity, surface tension, Newtons laws of motion, moment of inertia, oscillation, simple harmonic motion, stationary waves, thermal properties of material, kinetic theory of gases.

UNIT 2-

Electrostatics, dielectrics, electromagnetic induction, Kirchhoff's law, AC circuits, magnetism, properties of light,

- **REPORT** .

Our department conducted a bridge course at dated **1 July to 6th July in year 2019**. Newly admitted students attend this bridge course.

During this interaction of few days with the faculty, the students will come out of their hesitation and it will be the best platform for the students to interact with the faculty members, making it responsible for them to build strong relationships with faculty, advisers and other students.

A bridging **course** is a university-preparation **course** with an academic curriculum that is offered to mature **students** as a means of preparing for the intellectual challenges of a university education, successful completion of which is recognized as a basis of admission to the college.

Bridge Course (computer science) 2019-20

- **CONCEPT** - A bridge course for newly admitted students is conducted every year before the commencement of the first semester classes. Bridging courses are short, focused learning programmes designed to help high school students enter higher education institutions.
- **NECESSITY** - It is observed that NCERT syllabus as it is about 20-30% vast than the previous state board syllabus. While those who have studied ICSE or CBSE in school are not much affected, but those from the State syllabus may find it difficult. Bridge course helps students to open up, think creatively and become responsible and independent students.
- **AIMS and OBJECTIVE** - The main objective of the course is to bridge the gap between subjects studied at Pre-university level and subjects they would be studying in BSc classes
- **DURATION** - They are seen as introductory level courses and can range from 4 days to 2 weeks.
- **TIME** - from Monday to Saturday
- **SYLLABUS** -

UNIT 1 - Classification of computers, types of software, number system, memory concepts, internal storage, introduction to algorithm and flowcharts.

UNIT 2 - Concept of Networking, types of networking, network topologies, network protocol, evaluation of networking, network devices.

➤ **REPORT**

Our department conducted a bridge course at dated 1st July to 6th July in year 2019

20 students are admitted in this course.

During this interaction of few days with the faculty, the students will come out of their hesitation and it will be the best platform for the students to interact with the faculty members, making it responsible for them to build strong relationships with faculty, advisers and other students.

A bridging **course** is a university-preparation **course** with an academic curriculum that is offered to mature **students** as a means of preparing for the intellectual challenges of a university education, successful completion of which is recognized as a basis of admission to the college.

ADMISSION REGISTER 2019-20,
Maths., Physics and Compuret Science

Sr. no.	class	NAME OF STUDENT
1	PCM	SAHIL JAYANT PURI
2	PCM	KU. SHRUTI HARISHCHANDRA BANSOD
3	PCM	ANKITA GHANSHYAM CHOUDHARI
4	PCM	ABHISHEK KISHOR SONKUSARE
5	PCM	MOHIT PRAKASH KHOBRADE
6	PCM	PRASHANT PAPPU WARKHADE
7	PCM	KU. RUTIKA TUKARAM DESHMUKH
8	PCM	KU. JANHVI JAYANT VAIDYA
9	PCM	ROHIT RATIRAM PARTETI
10	PCM	KU. HEMLATA NARENDRA GUPTA
11	PCM	RANI BARSU KATHOKE
12	PCM	KU. ANCHAL JATIRAM KHANDATE
13	PCM	KU. MAYURI CHANDRAKANT PARATE
14	PCM	KU. SHWETA RAJU AKARE
15	PCM	KU. SEJAL SURENDRA WASNIK
16	PCM	KU. SHEJAL MANGALDAS HIWARE
17	PCM	KU. MINAKSHI PREMDAS BAWANKULE
18	PCM	KU. NANDINI SANJAY CHAKOLE
19	PCM	KU. PRIYANKA MANOHAR RATHOD
20	C/S	KU. KALASH VIVEK SONWANE
21	C/S	BADAL KAMALSINGH BANDHATE
22	C/S	KU. ROSHANI DILIP GARADE
23	C/S	KU. SHEJAL RAJU HATWAR
24	C/S	MRUNALI RAMESH BAGDE
25	C/S	KU. PRACHI DILIP CHAWADE
26	C/S	KU. PALLAVI YOGESH POHADARE
27	C/S	SADAF TAIRIN SAYYAD NASIR PASHA
28	C/S	KU. SHITAL DADARAO THAKRE
29	C/S	KU. GRECY RAJESH TEMBHARE
30	C/S	KU. LAXMI NAGAMAHENDRARAO CHOLLANGI
31	C/S	KU. IRAM AKRAM SHEIKH
32	C/S	PRADNYA RAMLAL KAWALE
33	C/S	NITESH GANESH CHACHAN
34	C/S	TEJAS SURESH NARNAWARE
35	C/S	KU. RASHMI CHANDRASHEKHAR ASHTANKAR
36	C/S	KU. ANCHAL NARESH RAMTEKE
37	C/S	PRATHAM WAMAN BORAJWADE
38	C/S	TRUSHANT CHANDRABHAN KOSE
39	C/S	KU. ZALKATA NANDKISHOR MAHAJAN

Bridge course (Home Science) 2019-20

- **Concept-** A course taken at some colleges and universities, either in a wide range of subjects or in one subject at a basic level, preparing students for more advanced study. Bridge course is preparative course for college level course with an academic curriculum that is offered to enhance the knowledge of the students by means of preparing for the subject and to know basic information about core subjects. Bridge course are the tools to help students to success in their graduate level studies. It is also prerequisite and foundation course to know the basic information about various subjects.
- **Necessity-** Bridging courses provide a way for students to qualify for specific study programme and work towards their ideal career. Bridging courses are primarily offered to students who need to improve understanding in subjects that relate to particular study programme. Bridging courses are short focused learning programme designed to help college students. Bridging courses are offered in there courses are also executed for the pace and standard of education.
- **Aim and Objective-**

1. The students will be equipped with knowledge and the confidence needed on bigger challenges.
2. Interactive and active learning have been weaved into the bridge course.
3. The concept of assisted learning.
4. The act as a buffer for new entrance.

- **Duration-** 6 Days in the Month of July
- **Time-** Monday-Saturday
- **Syllabus-**

Unit I- Basic concept of food science and Nutrition, Functions and characteristics of food groups, Need and importance of Human development, Growth and development, Scope of textile and importance of clothing, Latest trends and fashion, Need of resource management (Human and Non-human resources), Importance of art in Interior Decoration, Extension education, Concept of society and problem solving attitude.

Unit II- Understand ecosystem and environment Issues, Environmental Pollution and its control measures, Basic chemistry of food, Applied Physics and basic computer, Understand importance Digital education

- **Report-**

Our department conducted this course in duration **1 July to 6 July 2019-2020**

All newly students of 1st year were admitted in this course. This course will be base platform for the students to interact with faculty members, making it responsible for them to develop strong relationship with faculty, advisor and other students. Through this, students get confidence about their respective course and placements

ADMISSION REGISTER 2019-20***B. Sc. I Year (H. Science)***

S.R.	Name of Student	Group
1	KU. DIVYANI SHRAWAN THAKRE	HOME SCI.
2	KU. PAYAL HIRALAL ATRAM	HOME SCI.
3	KU. MANISHA DEWAJI SALAME	HOME SCI.
4	KU. KALYANI PREMDAS CHUDHARI	HOME SCI.
5	KU. SHITAL GANGADHAR DURBULE	HOME SCI.
6	KU. SAPANA RAMESH DURBULE	HOME SCI.
7	KU. ANKITA MUNNALAL MARSKOLHE	HOME SCI.
8	KU. REENA KISAN BHALAVI	HOME SCI.
9	PALLAVI SHESHRAO RAJURKAR	HOME SCI.
10	KU. SONAM RAMRAJ DHURVE	HOME SCI.
11	KU. SUJATA KESHAVJI KUPALE	HOME SCI.
12	KU. KARISHMA TULARAM MARSKOLHE	HOME SCI.
13	KU. RANI RAVIDAS MAHAJAN	HOME SCI.
14	KU. SHILPA RAJKUMAR UIKEY	HOME SCI.
15	KU. RASHMI LAXMAN SHRAWANKAR	HOME SCI.
16	KU. SHWETA RAMESH MANKAR	HOME SCI.

Bridge course (Department of fashion design] 2019-2020

- **Concept:** it is a supplementary program to allow students understand concept of fashion and overall about course and to make the academic environment friendly. Bridge course are the tool to have students to success in their graduate level studies.
- **Necessity:** as students in this field are from different educational streams so to bring the at kind of same level of perception about the course this foundation course is designed.
- **Duration:** 6 days in month of July
- **Time:** Monday-Saturday
- **Aim and Objectives:**
 - Interactive and active learning
 - A breather, to prepare themselves before course for first year.
 - To act as buffer for the new entrants.
- **Syllabus:**

Unit I: basic manual and computerized designing.

Basic knowledge of design and its types

Basic software study

Unit II: study of fabric in terms of design and production and types.

Unit III: history of Indian textile

- **Report:**

Our department conducted this course in **1 July to 6 July 2019-2020**

All newly students of 1st year were admitted in this course .This course will be base platform for the students to interact with faculty members, making it responsible for them to develop strong relationship with faculty, advisor and other students. Through this, students get confidence about their respective course and placements

S.N.	Name of Student	Group
1	SHALINI KISHOR BARBATE	BFD
2	LATIKA SANJAY HEDAU	BFD
2	ASHWINI ARVIND GONDANE	BFD
3	ACHAL MANIKRAO CHOUDHARI	BFD
4	PUJA DINESHRAO KATHOKE	BFD