

BRIDGE COURSE

BRIDGE COURSE

(Beauty of Bridging Education Gap)

Bridge course is conducted for students from Intimidate to (MPC, Bipc & MLT) B. Sc Agriculture course

1. Aim:

- Bridge courses are very important in a students' academic life.
- Bridge courses make the students for a better understanding of their future prospects & goals.

2. Outcome:

- The main objective of the course is bridge the gap between subjects studied at 10+2 level and the subjects they would be studying in BSC Agriculture.

3. Bridge course syllabus:

S NO	SUBJECT	TOTAL CLOCK HOURS
1	Introduction on Computers	15
2	Communication Skills	15
3	Introduction to Agriculture	15

I. Introduction to Computers-syllabus

Unit-I:

Fundamentals of internet: Internet Applications, internet addressing-Entering a Web site, Address, Searching the internet, Browser-Types of Browsers, Introduction to social Networking: Twitter, Tumbler, Facebook, Yahoo, Whatsapp, and YouTube.

Unit-II:

E-mail: Definition of E-mail-Advantages and Disadvantages-User ids, passwords, Email Domain names, Mail Management, G-suite: Google, drive, Google documents, Google spread sheets, Google Slides &Google forms.

Unit-III:

Overview of internet security, E-mail threats & secure E-mail, Viruses and antivirus software

What are GOI digital initiatives in higher?

Reference Books:

1. Harvey M.Deitel and paul J.Deitel ,C How to program,Fourth Edition,Prentice Hall,2004,
<http://www.deitel.com/books/downloads.html#cHTP4>,
<http://cm.bell/labs.com/cm/cs/book/>,
<http://vig.prenhall.com/catalog/academic/product/0,1144,0131103628,00.html>
2. Daniel Appleman,How Computer programming works,Apress,2000,
<http://www.apress.com/book/bookdisplay.html?bID=17>
- 3.Brain W.Kernighan and Rob Pike,The practice of programming,Addision –Wesley,1999,
<http://cm.bell-labs.com/cm/cs/tpop/>,
<http://tpop.awl.com>

II. Communication Skills syllabus

Unit-I:

Positive Attitude, Body language, SWOT analysis, Emotional Intelligence, Netiquette, E-rail Etiquettes .

Unit-II:

Paragraph writing, stages of summarizing, Resume, cover letter.

Unit-III:

Debates, Group discussions, Role Plays.

Education? (National Digital Library of India, E-sodh-sindu, Virtual labs, e-acharya, e-yantsa & NPTEL)

Reference Books:

1. In-line/on-line : Fundamentals of the internet and the world wide web, Zle-by Raymond Green law and Ellen Hepp, Publishers: THM
2. Internet technology and web design, ISRD group, THM.
3. Information Technology-The breaking wave, Dennis P. Curtin, Kim Foley, Kunai Sen and Cathleen Morin, THM.

III. Introduction to Agriculture - Syllabus

UNIT-I:

- Agriculture: definition, scope and importance.
- Significance and dimensions of agriculture in India.
- Current status of agriculture in India.
- National and International institutes related to agriculture.

UNIT-II:

- Definition and importance of agronomy.
- Classification of agricultural crops and their identification.
- Importance- cereals, pulses and millets.
- Importance- oilseeds and commercial crops.

UNIT-III:

- Basic introduction to plant protection.
- Entomology- definition, scope and importance.
- Pathology- role of pathology in agriculture.
- Cyto-genetics, Mendel laws of inheritance and hybridization techniques.

Reference Books:

- Hand book of Agriculture-ICAR, NewDelhi.
- Gopal Chandra De, 1999, Fundamentals of Agronomy, Oxford and IBH publishing company.
- Rajendra Prasad, 2012, Text Book of Field Crop Production Vol-1 and 2. ICAR, New Delhi.
- Mani, M.S.,1968, General Entomology.
- Agrios, G.N., Plant Pathology, 5th Edition, Elsevier Academic Press.

Time Table:

Hours	1(10 to 11AM)	2(11 to 12 PM)	3(12 to 1 PM)
Mon	CSS	ICT	Agriculture
Tue	ICT	Agriculture	CSS
Wed	CSS	ICT	Agriculture
Thu	CSS	ICT	ICT
Fri	ICT	Agriculture	CSS
Sat	Agriculture	ICT	CSS

Hindu College, Guntur
Bridge Course
Department of Agriculture

Paper –II : Communication Skills (2017)

Time: 1 Hr

Max.Marks :50M

Answer the following Questions

- | | |
|--|------------|
| I. What is Positive Thinking | 10M |
| II. In what way Body language is useful to students? | 10M |
| III. Give a SWOT analysis of yourself? | 10M |
| IV. Prepare a resume – completed – Agriculture– Hindu College – 2020
– CBCS – Abroad – use the data. | 10M |
| V. List any two debate points to support the topic given below
“Plastic covers should be banned by the Government” | 10M |

Hindu College, Guntur

Bridge Course

Department of Agriculture

Paper –I : Introduction to Computers (2017)

Time: 1 Hr

Max.Marks :50M

Answer the following Questions

- | | |
|---|------------|
| I. Explain about Internet Applications. | 10M |
| II. Explain about Different types of Browsers? | 10M |
| III. What is the definition of E-mail? And explain it? | 10M |
| IV. Write about Virus & Anti-Virus Software? | 10M |
| V. Explain about National Digital Library of India? | 10M |

Hindu College, Guntur

Bridge Course

Department of Agriculture

Paper –III : Introduction to Agriculture (2017)

Time: 1 Hr

Max.Marks :50M

Answer the following Questions

1. Write about the significance and dimensions of agriculture in India. **10M**
2. Explain about the importance of cereals and pulses. **10M**
3. Write about the importance and scope of entomology. **10M**
4. Write about the hybridization techniques in different crops. **10M**
5. Explain about the Mendel laws of inheritance. **10M**

Hindu College, Guntur
Department of Agriculture
Bridge Course Marks List-2017-18

S NO	NAME OF THE CANDIATE	MARKS OBTAINED (50M)
1	M. Thriveni	45
2	K. Varun Kumar	42
3	R. Venkata lakshmi kumari	38
4	Ch. Chandrika	41
5	Vineela Stalini	40
6	P. Revanth	42
7	Alekhya	39
8	Jagadeeshwari	40
9	Hemalatha	40
10	R. Ravi kiran	42
11	M. Hari Krishna	45
12	Sd. Shabana	42
13	Sandhya	44
14	Glory	46
15	Praveen Rohith	39
16	Seetharamayya	43
17	M. Suresh	46
18	Siri	38
19	Sumathi	40



HINDU COLLEGE, GUNTUR-522003
DEPARTMENT OF AGRICULTURE
BRIDGE COURSE ATTENDANCE (2017-2018)

S.NO	STUDENT NAME	10/7	11/7	12/7	13/7	14/7	15/7	17/7	18/7	19/7	20/7	21/7	22/7	24/7	25/7	26/7	27/7	28/7	29/7	31/7	1/8	Total
1	M. Thriveni	/	/	a	/	/	/	/	a	a	/	/	a	/	/	/	a	/	/	/	/	15
2	K. Varun Kumar	/	/	/	/	/	/	/	a	/	/	/	/	/	a	/	/	/	/	a	/	17
3	R. Venkata lakshmi kumari	/	a	/	a	a	/	/	/	/	/	/	/	/	a	/	a	a	/	/	/	14
4	Ch. Chandrika	/	/	/	/	/	/	a	a	a	/	/	/	/	/	/	a	a	a	/	/	14
5	Vineela Stalini	/	a	a	/	/	a	/	/	/	a	a	a	a	a	/	/	/	a	/	/	11
6	P. Revanth	a	/	a	a	a	/	a	/	a	/	/	/	a	a	/	/	/	/	/	a	11
7	Alekhya	a	/	/	/	a	a	/	/	a	a	/	/	/	/	a	/	/	/	a	/	13
8	Jagadeeshwari	/	/	/	/	a	a	/	/	/	/	a	a	/	/	a	/	/	a	/	/	14
9	Hemalatha	/	a	/	a	/	/	a	a	/	a	a	/	a	/	a	/	/	a	/	a	10
10	R. Ravi kiran	/	/	a	a	/	/	a	/	/	/	a	/	/	/	a	/	/	/	a	/	14
11	M. Hari Krishna	/	/	/	/	/	a	a	/	/	a	a	/	/	/	/	/	/	a	/	/	15
12	Sd. Shabana	/	/	/	/	/	/	a	a	/	/	/	/	/	/	/	/	a	a	/	/	16
13	Sandhya	a	/	/	/	/	a	a	a	a	/	/	/	/	/	/	/	/	/	/	/	15
14	Glory	/	/	a	/	/	a	/	/	/	a	a	a	/	/	/	/	/	/	a	/	14
15	Praveen Rohith	/	a	a	/	a	/	/	/	/	a	a	/	a	/	/	/	a	a	a	/	18
16	Seetharamayya	a	/	/	/	/	/	/	a	a	/	/	/	a	a	/	/	/	/	a	/	14
17	M. Suresh	/	/	/	/	/	/	/	/	/	a	a	/	/	a	/	/	/	/	/	/	17
18	Siri	a	a	/	/	/	a	a	/	/	/	a	a	/	/	/	a	/	/	a	a	11
19	Sumathi	/	/	/	a	/	/	/	/	a	/	/	/	a	a	a	/	/	/	/	a	14

HINDU COLLEGE, GUNTUR



(Affiliated By Acharya Nagarjuna University)
Re-accredited By NAAC as Grade A

CERTIFICATE

This is to certify that Mr./Miss M. THIRIVENI
studying I B.Sc (ABC) has successfully completed bridge course
conducted by Dept. of Agriculture, Hindu College, Guntur,
from 10-07-2017 to 01-08-2017. We wish all the best in his/her future endeavors.

R. N. Deepthi
Department of Agriculture
HINDU COLLEGE
GUNTUR



T. C. C.
DIRECTOR

DIRECTOR
Sciences & Allied Courses
Hindu College

Amaravathi Road Campus

BRIDGE COURSE

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(Beauty of Bridging Education Gap)

Bridge course is conducted for students from Intimidate to (MPC, Bipc & MLT) B.Sc M.Sc organic Chemistry & Management course

1. Aim:

- Bridge courses are very important in a students academic life.
- Bridge courses make the students for a better understanding of their future prospects & goals.

2. Outcome:

- The main objective of the course is bridge the gap between subjects studied at 10+2 level and the subjects they would be studying in BSC FT&M.

3. Bridge course syllabus:

S NO	SUBJECT	TOTAL CLOCK HOURS
1	Introduction on Computers	15
2	Communication Skills	15
3	Fundamentals in Organic Chemistry	15

I. Introduction to Computers-syllabus

Unit-I:

Fundamentals of internet: Internet Applications, internet addressing-Entering a Web site, Address, Searching the internet, Browser-Types of Browsers, Introduction to social Networking: Twitter, Tumbler, Facebook, Yahoo, Whatsapp, and YouTube.

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2. Internet technology and web design, ISRD group, THM.
3. Information Technology-The breaking wave, Dennis P. Curtin, Kim Foley, Kunai Sen and Cathleen Morin, THM.

III. Fundamentals in Organic Chemistry - Syllabus

UNIT-I:

- Aliphatic Hydrocarbones, Aromatic Hydrocarbones
- Alcohols, Phenons
- Amines,
- Carbohydrates

UNIT-II:

- Carbonyl compounds
- Carboxylic Acids
- Halogen Compounds

UNIT-III:

- Types of reactions
- Addition reactions, Substitution Reactions
- Eliminations reaction, Rearrangement Reactions
- Reactive Intermediates
- Nucleo philic substitution reactions.

Reference Books:

- Solomons & Fryhle : organic chemistry (8th edition)
- Organic Chemistry Vol -1.(I.L.Finar)

Time Table:

Hours	1(10 to 11AM)	2(11 to 12 PM)	3(12 to 1 PM)
Mon	CSS	ICT	Fundamentals in Organic Chemstry
Tue	ICT	Fundamentals in Organic Chemstry	CSS
Wed	CSS	ICT	Fundamentals in Organic Chemstry
Thu	CSS	ICT	ICT
Fri	ICT	Fundamentals in Organic Chemstry	CSS
Sat	Fundamentals in Organic Chemstry	ICT	CSS

Hindu College, Guntur

Bridge Course

Department of M.Sc organic Chemistry

Paper –II : Communication Skills (2018)

Time: 1 Hr

Max.Marks :50M

Answer the following Questions

- | | |
|--|-----|
| I. Give a SWOT analysis of yourself? | 10M |
| II. Write about the stages of summarizing? | 10M |
| III. Prepare a resume? | 10M |
| IV. Write about database | 10M |
| V. List any two debate points to support the topic given below
“Wastage of food ” | 10M |

Hindu College, Guntur

Bridge Course

Department of M.Sc organic Chemistry

Paper –I : Introduction to Computers (2018)

Time: 1 Hr

Max.Marks :50M

Answer the following Questions

- I.** Explain about the following terms. **10M**
- i) Twitter
 - ii) Tumblr
 - iii) Facebook
- II.** Write about E-mail domain names? **10M**
- III.** Explain about the google slides & google forms? **10M**
- IV.** Write about the Overview of internet security? **10M**
- V.** Explain about NPTEL? **10M**

Hindu College, Guntur

Bridge Course

Department of M.Sc organic Chemistry

Paper –III: Fundamentals in Organic Chemistry (2018)

Time: 1 Hr

Max.Marks :50M

Answer ALL the following Questions

5X10 = 50M

- I. What are reactive intermediates?
- II. Write a note on Nucleophilic substitution reactions.
- III. What are rearrangement reactions give example.
- IV. Write a preparation and Properties of Phenols.
- V. Write the Identification test for Carbohydrates

Hindu College, Guntur
Department of M.Sc organic Chemistry
Bridge Course Marks List-2018

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1	B Rajya Lakshmi	45
2	B lakshmi	42
3	G Vijaya Lakshmi	35
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5	G sai Krishna	43
6	E Sathish	40
7	M Naresh babu	42
8	M Maneesha	35
9	K Mythree	33
10	N Glowry	32
11	P Singaiah	30
12	Sk Imran Ahmed	28

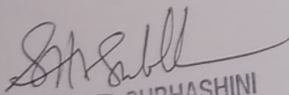
HINDU COLLEGE, GUNTUR

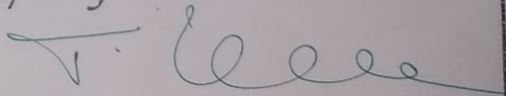


(Affiliated By Acharya Nagarjuna University)
Re-accredited By NAAC as Grade A

CERTIFICATE

This is to certify that Mr./Miss M. Narendra Babu
studying Bridge Course has successfully completed bridge course
conducted by Dept. of Chemistry(PG), Hindu College, Guntur,
from 4-7-2018 to 29/7/2018. We wish all the best in his/her future endeavors.


Dr. E.H. VIJAYA SUBHASHINI
M.Sc., M.Phil., B.Ed., Ph.D.
HEAD, Department of Chemistry
HINDU COLLEGE, GUNTUR.


PRINCIPAL I/C
PRINCIPAL I/C
HINDU COLLEGE P.G. COURSES
GUNTUR.