

Gokhale Education Society's



**R. N. Chandak Arts, J. D. Bytco Commerce &  
N. S. Chandak Science College**

Nashik Pune Road, Opp. Sujata Birla Hospital, Nr. Ashirwad Stop, Nashik-422101

Email: [cbccollegenashikroad@gmail.com](mailto:cbccollegenashikroad@gmail.com) ☎ : 0253-2461548 Fax : 0253-2469372



▶ Affiliated to Savitribai Phule University ▶ ID No: PU/NS/ASC/005/ 1963 ▶ ISO 9001-2015 Certified ▶ NAAC Accredited B College



### 6.5.1 Internal Quality Assurance System

**Digital literacy**

**MOOCs designed by faculty**

**2018 - 2023**

## Innovation and Best Practices in Educational Skills

[Contact Faculty](#)

OVERVIEW

### About this Course

DISCUSSIONS

No credits

SCHEDULE

Language of instruction: English

LEARNERS

### Course Overview

FAQs

ASSIGNMENTS

ANNOUNCEMENTS

Education system in India with a rich history has been transformed into 3<sup>rd</sup> largest higher education system in the world. The higher education system in this era is facing some major challenges like scarcity of expert faculty, geographic barriers and high cost of education, etc.

The requirements of the learner has changed and hence the system has to adopt new pedagogies, making learning an engaging process. The shift is actually from teacher centric to learner centric approach. Considering the global context and technological advancements, several new horizons have been opened for teachers and learners. Keeping abreast of the new pedagogies and technologies has become need of the hour.

Focusing on this fact, the Academic Council of NRC has designed this course. The contents of the course will be delivered by few of the eminent faculties from various renowned universities / institutions across India.

The course aims at

- empowering the teachers by augmenting their traditional teaching skills with modern educational skills through innovative and best practices
- transforming the learners by trained and equipped teachers to ensure sustainable quality of outcome

This course being interdisciplinary in nature can be opted by all in-service teachers irrespective of their subjects.

### About the instructor



Sunas Pachpande

The contents of the course will be delivered by eminent faculties from various renowned universities / institutions across India. The prominent faculties include : 1) Prof. Dr. V. S. Sapkal, Former Vice-Chancellor, RSTM Nagpur University, Nagpur and Professor & Head, Dept. of Chemical Technology, Sant Gadge Baba Amravati University, Amravati 2) Prof. Dr. Sanjeev Sonawane, Professor & Head, Dept. of Education & Extension, S.P. Pune University, Pune 3) Prof. Dr. R. K. Kamat, Professor & Head, Dept. of Electronics & Computer Science, Shivaji University, Kolhapur 4) Prof. Dr. Mrs. Rekha Handa, Dept. of Management Studies, DAV University, Jalandhar 5) Prof. Dr. Sachin Labade, Department of English, Mumbai University, Mumbai 6) Prof. Dr. S. K. Omanwar, Professor & Head, Dept. of Physics, Sant Gadge Baba Amravati University, Amravati 7) Prof. Dr. G. L. Gulhane, Professor & Head, Dept. of Education, Sant Gadge Baba Amravati University, Amravati 8) Prof. Dr. P. A. Wadegaonkar, Professor & Head, Dept. of Biotechnology, Sant Gadge Baba Amravati University, Amravati 9) Prof. Dr. Santhosh Rebello, School of Information Technology & Bioinformatics, AIMIT, St. Aloysius College, Mangalore 10) Prof. Dr. Mrs. Pratiksha Wable, Professor & Dean (Academics), Suryadatta Institute of Management & Mass Communication, Pune 11) Dr. Mrs. Shyaontl Talwar, RNC Arts, JDB Commerce and NSC Science College Nashik

[Leave Course](#)

**UGC-HUMAN RESOURCE DEVELOPMENT CENTRE  
(NATIONAL RESOURCE CENTRE)**

**SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI (M.S.)**

Phone : 0991-721-2551174  
Fax : 0991-721-2551174, 2660949  
Website : www.sgbau.ac.in  
Email : directorhrdc@sgbau.ac.in



Human Resource Development Centre  
SGB Amravati University  
Amravati (M.S.) 444-602  
INDIA

Date : 20/10/2018

To,  
**Dr. Shyaonti Talwar**  
RNC Arts, JDB Commerce and NSC Science College,  
Nashik.

**Sub: Invitation as a Resource Person for the Online Refresher Course for NRC.**

Dear Madam,

It is a matter of pride for us that MHRD has designated our Human Resource Development Centre (HRDC), Sant Gadge Baba Amravati University as a National Resource Centre (NRC) for conducting Annual Refresher Programme for all the in-service higher education faculty through SWAYAM platform. The discipline/topic for training is "Skill Development". The 'Academic Council', of the NRC has framed the curriculum/content based on the need of all in-service teachers.

The course will be offered in the form of MOOC on SWAYAM platform and will be of 40 hours duration. In line with the guidelines for developing MOOC on SWAYAM, 20 hours (i.e. 50% of the duration) will be covered by video lectures and remaining 20 hours will be dedicated for e-content, assignments, etc.

**I am pleased to invite you as a Resource Person for this online refresher course of NRC. As per the directions from MHRD, the course has to be started from 1<sup>st</sup> of November 2018 and hence the course material has to be uploaded by 30<sup>th</sup> of October 2018.**

It will be great if you can contribute by creating e-content on two topics: 1) Educational Skills and 2) Blended Learning & Flipped Classroom. Your topic will contain video lectures of not less than one hour duration for first topic and about two hours for second topic supported by reading material of equal duration. The video lectures will be recorded in the Studio setup at Sant Gadge Baba Amravati University, Amravati.

**It would be great if you can spare your time for recording the video contents for first topic on 27th October 2018. We are planning the recording for the next topic in the month of November.**

**I shall be thankful, if you accept the invitation as a Resource Person and contribute towards development of the contents for this refresher course of NRC. You are requested to communicate your acceptance at the earliest.**

Thanking you.

Yours Sincerely,

**(Subhas D. Pachpande)**  
Co-ordinator, National Resource Centre  
UGC-HRDC Sant Gadge Baba Amravati University  
Amravati  
Mob. No. 09423162448 / 09545648082  
Email - subhaspachpande@sgbau.ac.in



**UGC – HUMAN RESOURCE DEVELOPMENT CENTRE  
NATIONAL RESOURCE CENTRE  
SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI**



Website: [www.ascsgbau.ac.in](http://www.ascsgbau.ac.in)

Phone : 0091-721- 2551174

Email: [asc.sgbau@rediffmail.com](mailto:asc.sgbau@rediffmail.com)

**CERTIFICATE**

This is to certify that **Dr. Shyaonti Talwar** has contributed to the development of e-contents for the online Refresher Course "Innovation & Best Practises in Educational Skills" by recording video lectures on **27<sup>th</sup> Oct. 2018**

The Co-ordinator is thankful to you for your co-operation.

**(Suhas D. Pachpande )**  
Course Co-ordinator

National Resource Centre  
UGC -HRDC, SGBAU, Amravati

**Date : 27<sup>th</sup> Oct. 2018**

**Place : Amravati.**



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(NATIONAL RESOURCE CENTRE)  
SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI (M.S.)**

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Fax : 0091-721- 2551174, 2660949  
Website : [www.ascsgbau.ac.in](http://www.ascsgbau.ac.in)  
Email : [directorhrdc@sgbau.ac.in](mailto:directorhrdc@sgbau.ac.in)



Human Resource Development Centre  
SGB Amravati University  
Amravati (M. S.) 444-602  
INDIA

Date : 13/08/2019

To,  
**Dr. Shyaonti Talwar**  
J. D. Bytco College,  
Nashik.

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Dear Madam,

It is a matter of pride for us that MHRD has designated our Human Resource Development Centre (HRDC), Sant Gadge Baba Amravati University as a National Resource Centre (NRC) for offering Annual Refresher Programme in Teaching (ARPIT) for all in-service higher education faculty through SWAYAM platform. The discipline/topic for training is “**Skill Development**”. The ‘Academic Council’ of the NRC has framed the curriculum/content based on the need of all in-service teachers.

The course will be offered in the form of MOOC on SWAYAM platform and will be of 40 hours duration. In line with the guidelines for developing MOOC on SWAYAM, 20 hours (i.e. 50% of the duration) will be covered by video lectures and remaining 20 hours will be dedicated for e-contents, assignments, etc. I am thankful to you for accepting our request to contribute towards development of contents for this course.

**I am pleased to invite you as a Resource Person for this online refresher course of NRC.** As per the directions from MHRD, the course has to be started from 1<sup>st</sup> September 2019 and hence the course material has to be uploaded by 30<sup>th</sup> August 2019. **Accordingly we have scheduled your recording for video contents on 17<sup>th</sup> August 2019.**

The video lectures would be recorded in the *Virtual C4 Studio at Sant Gadge Baba Amravati University, Amravati*. You will need to provide in advance, the script of your talk and other reading material of equal duration of your talk.

It would be great if you can spare your time and visit our university campus for the same.

Thanking you.

Yours Sincerely,

**(Suhas D. Pachpande)**

Co-ordinator, National Resource Centre  
UGC-HRDC, Sant Gadge Baba Amravati University  
Amravati (Maharashtra)  
Mob. No. 09545448062 / 09423162448  
Email – [suhaspachpande@sgbau.ac.in](mailto:suhaspachpande@sgbau.ac.in)



NAAC Reaccredited 'A' Grade University

Sant Gadge Baba Amravati University,  
Amravati.

University Grants Commission,  
New-Delhi.



# HUMAN RESOURCE DEVELOPMENT CENTRE

## NATIONAL RESOURCE CENTRE

Website: www.ascsgbau.ac.in

Ph.No.: 91-721-2668174

Email: directorhrdc@sgbau.ac.in

Sant Gadge Baba Amravati University Campus, Tapvon Road, Amravati (Maharashtra) 444 602

No: SGBAU/UGC – HRDC/NRC/259/2020

Date: 18<sup>th</sup> March, 2020

### Letter of Appreciation

To,

**Prof. Dr. Shyaonti Talwar**

R.N.C. Arts, J.D.B.Commerce and N.S.C. Science College,  
Nashik Road, Nashik.


Madam,

We would like to thank you for your contribution as a resource person towards the development of e-contents for the online refresher course “Skills for New Educational Architecture” offered by the National Resource Centre of UGC-HRDC, Sant Gadge Baba Amravati University. This course has been offered in the form of a MOOC during the period 1<sup>st</sup> September 2019 to 15<sup>th</sup> January 2020, as a part of “Annual Refresher Programme in Teaching (ARPIT) 2019” on SWAYAM platform offered by MHRD, Government of India.

This is also to acknowledge your contribution as a **Subject Matter Expert (SME)** towards preparation of e-contents for the following modules in the 4 credit MOOC “Skills for New Educational Architecture”.

S.N.	Role	Quadrant	Module	Topic
1	SME for Development of MOOC	All 4 (Video, e-content, Discussion Forum & Assessment)	Unit-II: Academic Professionalism	Academic Leadership and Professional Ethics
2	SME for Development of MOOC	All 4 (Video, e-content, Discussion Forum & Assessment)	Unit-II: Academic Professionalism	Optimal Use of Resources and Feedback

On behalf of the UGC-HRDC, Sant Gadge Baba Amravati University, Amravati, we thank you again for your cooperation and look forward to your continued support in our future endeavors.

  
(Prof. S. D. Pachpande)  
Coordinator, NRC



  
(Prof. P. A. Wadegaonkar)  
Director, UGC – HRDC



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ISO 9001 : 2015 Certified College

NAAC Reaccredited "B" Grade

Affiliated to Savitribai Phule Pune University  
ID No. PU / NS / ASC / 005 / 1963

**Dr. Dhanesh Kalal**  
Principal  
MA, MBA, LLB., MMS., Ph. D.

Ref.: 263 /2020-21

Date: 05.11.2020

## Letter of Recommendation

Assistant Professor, Dr. Shyaonti Talwar, a permanent faculty of the college in the Department of English since 2011, has designed and developed the following module which was offered in the form of a MOOC on the LMS - Google Classroom. It was an instructor paced and scheduled course that ran for a duration of four months. The module was developed for the following course offered by Savitribai Phule Pune University:

FY B.Com

**Compulsory English- I**

**(Ability Enhancement Compulsory Course – AEC).**

(Choice Based Credit System-30:70-Pattern)

Revised structure of Choice Based Credit System Course First Year B. Com. Semester – I

w.e.f. 2019- 20

(03 Credit Course-2+1)

A total number of 377 students from the first year of the B.Com programme enrolled for the MOOC which commenced on 21-09-2020 and was run for a duration of four months. The module was a combination of literature and language. It introduced students to selected prose pieces, stories and poems which were intended at enabling value-building and increasing awareness levels as well as developing empathy, compassion and sensitivity to world cultures. The language component intended to introduce the students to language skills in different social and workplace contexts, familiarise them with relevant soft skills like group discussion and presentation techniques, writing skills and conversational strategies.

The MOOCs comprise various online tools and pedagogical approaches keeping in mind the 4 quality specifications and guidelines for MOOCs. The units have video lectures, quiz assignments, additional materials in the form of textual matter, videos, blogs and websites and also descriptive assignments along with a discussion forum.

Besides the LMS, two separate whatsapp groups were also created to facilitate discussions and interaction with students and also among students. Additionally technical glitches and subject related queries were also addressed through whatsapp interaction.

We appreciate the efforts taken by Dr. Shyaonti Talwar to facilitate and ease the learning process during the time of the pandemic and lockdown and commend her expertise. We wish her all the best and sincerely hope that she will develop many such modules in the future to enable flexible learning for students.



**Dr. Dhanesh Kalal**  
Principal

**PRINCIPAL**  
R.N.C. Arts, J.D.B. Commerce and  
N.S.C. Science College, Nashik Road



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**SYBSC & SYBSC (Computer Science)**

**English**

**(Ability Enhancement Course-AEC)**

(Choice Based Credit System-35:15-Pattern)

(w. e. f- 2020- 2021)

(03 Credit Course-2+1)

A total number of 77 students from the second year of the BSc programme enrolled for the MOOC which commenced on 10-09-2020 and was run for a duration of four months. The module was a combination of literature and language and intended to introduce the students to language skills in multivalent contexts, familiarise them with relevant soft skills like group discussion and presentation techniques, writing skills like resume writing and conversational skills in social contexts and situations along with a literary component to develop sensitivity, compassion, empathy and awareness in students and inculcate life skills and moral values. The MOOCs comprise various online tools and pedagogical approaches keeping in mind the 4 quadrant specifications and guidelines for MOOCs. The units have video lectures, quiz assignments, additional materials in the form of textual matter, videos, blogs and websites and also descriptive assignments along with a discussion forum.

Besides the LMS, a whatsapp group was also created to facilitate discussions and interaction with students and also among students. Additionally technical glitches and subject related queries were also addressed through whatsapp interaction.

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Revised Course Structure of English

T. Y. B. A. Compulsory English

(w. e. f- 2015- 2016)

A total number of 83 students from the final year of BA enrolled for the MOOC which commenced on 10-09-2020 and was run for a duration of four months. The module was a combination of literature and language and intended to develop sensitivity and compassion in students through an exposure to literature along with empowering them with communication skills and soft skills required for the workplace.

The MOOCs comprise various online tools and pedagogical approaches keeping in mind the 4 quadrant specifications and guidelines for MOOCs. The units have video lectures, quiz assignments, additional materials in the form of textual matter, videos, blogs and websites and also descriptive assignments along with a discussion forum.

Besides the LMS, a whatsapp group was also created to facilitate discussions and interaction with students and also among students. Additionally technical glitches and subject related queries were also addressed through whatsapp interaction.

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**PRINCIPAL**

R.N.C. Arts, J.D.B. Commerce and  
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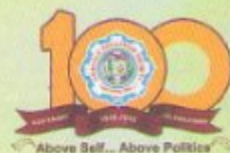


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Assistant Professor, Dr. Shyaonti Talwar, a permanent faculty of the college in the Department of English since 2011, has designed and developed the following module which was offered in the form of a MOOC on the LMS - Google Classroom. It was an instructor paced and scheduled course that ran for a duration of 18 weeks. The module was developed for the following course offered by Savitribai Phule Pune University:

Revised Course Structure of English

T.Y.B.A. Special Paper IV(S-4) (w. e. f. 2015-16)

Title of the Paper: Introduction to Literary Criticism

The MOOC commenced on 17-09-2020 and was run for a duration of 18 weeks. The module focused on major literary theories and critical approaches that have influenced English literature through the centuries. It also covered some of the contemporary interdisciplinary critical theories. The video lectures were delivered in a simple language and with historical timelines, biographical information on the critics and the major tenets of each school of criticism intended to introduce the student to this very specialised area of English literature. Additional material in the form of reading texts and videos were also provided from time to time to make a complex subject easier to understand and learn.

The MOOCs comprise various online tools and pedagogical approaches keeping in mind the 4 quadrant specifications and guidelines for MOOCs. The units have video lectures, quiz assignments, additional materials in the form of textual matter, videos, blogs and websites and also descriptive assignments along with a discussion forum.

Besides the LMS, a whatsapp group was also created to facilitate discussions and interaction with students and also among students. Additionally technical glitches and subject related queries were also addressed through whatsapp interaction.

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MA, MBA, LLB., MMS., Ph. D.

Ref.: 263 /2020-21

Date: 05.11.2020

**Letter of Recommendation**

Assistant Professor, Dr. Shyaonti Talwar, a permanent faculty of the college in the Department of English since 2011, has designed and developed 4 MOOCs on the LMS - Google Classroom. These are instructor paced and scheduled courses that ran for a duration of four months. The MOOCs were developed for the following course offered by Savitribai Phule Pune University:

**1. Revised Course Structure of English**

T. Y. B. A. Compulsory English  
(w. e. f- 2015- 2016)

**2. Revised Course Structure of English**

T.Y.B.A. Special Paper IV(S-4) (w. e. f. 2015-16)  
Title of the Paper: Introduction to Literary Criticism

**3. SYBSC & SYBSC (Computer Science)**

English  
(Ability Enhancement Course-AEC)  
(Choice Based Credit System-35:15-Pattern)  
(w. e. f- 2020- 2021)  
(03 Credit Course-2+1)

**4. FY B.Com**

Compulsory English- I  
(Ability Enhancement Compulsory Course – AEC)  
(Choice Based Credit System-30:70-Pattern)  
Revised structure of Choice Based Credit System Course First Year B. Com. Semester – I  
w.e.f. 2019- 20  
(03 Credit Course-2+1)

The MOOC course have been designed and developed as per the running 2020-21 syllabi of the various subjects. The MOOCs were designed covering every single unit of the syllabi, expressly to facilitate smooth learning, concept-checking and reinforcement of core themes and topics that needed familiarization and revisiting. The MOOCs were designed in an interactive and learner-centered way so as to enable learner engagement and encourage sustained interest in the subjects. They also promoted learner autonomy through peer discussions and individual and group interactions with the teacher.





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The MOOCs comprise various online tools and pedagogical approaches keeping in mind the 4 quadrant specifications and guidelines for MOOCs. The units have video lectures, quiz assignments, additional materials in the form of textual matter, videos, blogs and websites and also descriptive assignments along with a discussion forum.

While the videos and additional material can be accessed at all times, the assignments are deadline-based and need to be submitted within a stipulated time. These MOOCs not only facilitate flexible and consistent engagement and learning but also familiarize students with online learning tools and resources and more progressive means of learner engagement and peer involvement, besides seeking knowledge outside the confines of the textbook and the classroom. It was also observed that learner-teacher interaction through the MOOCs, increased substantially and made learning a lot easier for working students. In all the 4 MOOCs were accessed by more than 400 students. Besides this Dr. Talwar also created a youtube channel called English for Undergraduates for easy access to her videos which as of today has 419 subscribers.

We laud Dr. Shyaanti Talwar's initiative and her tireless efforts during these unprecedented times of the pandemic and the lockdown and strongly recommend her development of the above-mentioned 4 MOOCs for CAS and wish her the very best in all her future endeavours.



**Dr. Dhanesh Kalal**  
Principal

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**MOOC CREATION  
EDUCATIONAL APP  
ONLINE CERTIFICATE COURSE**



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**Dr. Dhanesh Kalal**  
Principal  
MA, MBA, LLB., MMS., Ph. D.

Ref.: 225/2020-21

Date: 23.10.2020

### Letter of Recommendation

Dr. Meenakshi Virendra Rathi, Assistant Professor, Permanent full time teacher working in Department of Chemistry from our College since 2007, has designed and developed the MOOC "CH\_336(C)SEM\_1 Introduction to BioChemistry" under the digital platform **edunext.io**.

It is an **instructor paced and scheduled course** which commenced from **01/09/2020 and will end on 31/12/2020**.

This MOOC course has been designed according to the revised syllabus for **T.Y.B.Sc. students**. In preparing this MOOC, her aim has been to see that students easily follow the concept of each topic.

This online course is designed to inculcate a sustained interest in students and enthusiasm to learn and develop the concepts in Biochemistry in a logical manner. Every chapter in this course is carefully prepared with subunits and units so as to facilitate quick understanding. **It incorporates a variety of online tools, understanding the 4 quadrant systems of MOOC - Explanatory Videos, Notes, Quizzes/Assignments and a Discussion Forum.**

As this MOOC creates the opportunity for sharing the ideas and knowledge and also helps to improve life-long learning skills by providing easy access to learning resources we strongly recommend her MOOC for CAS and applaud Dr. Meenakshi Rathi's efforts during these unprecedented times, and wish her all the best for her future endeavours.

Dr. Sanjeevan Kharat  
Head, Department of Chemistry

Dr. Dhanesh Kalal  
Principal

**PRINCIPAL**

R.N.C. Arts, J.D.B. Commerce and  
S.C. Science College, Nashik Road





## Introduction to BioChemistry Enrollment is Closed

This MOOC course has been designed according to the New Revised Syllabus for T.Y.B.Sc.Students.In preparing this MOOC our aim has been to see our students follow the concept of each topic very easily

### About This Course

Biochemistry is perhaps the most fascinating subject as it deals with the chemical changes of life .This online course is designed to develop in students a sustained interest and enthusiasm to learn and develop the concepts in Biochemistry in a logical and stepwise manner Every chapter in this course is carefully crafted with subunits,units to facilitate quick understanding.It incorporates a variety of online tools like explanatory Videos,Notes,Quizzes and Discussion forum

Although I have made every effort to make this course error free I am under no illusion I welcome

Enrollment is Closed

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## Course Staff



### Course Coordinator

Dr. Meenakshi Rathi

M.Sc.Ph.D.

Department of Chemistry, RNC Arts,JDB Commerce NSc Science College Nashikroad,Nashik

welcome  
*Dr. Meenakshi Rathi*

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Although I have made every effort to make this course error free.I am under no illusion. I welcome comments,feedback and suggestions from all students and participants.This will help me make improvements.

## Requirements

To take this course students need basic understanding of biology and Chemistry

## Course Staff



### Course Coordinator

Dr.Meenakshi Rathi

M.Sc.Ph.D.

Department of Chemistry, RNC Arts,JDB Commerce NSc Science College Nashikroad,Nashik

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## View Courses

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### Introduction to BioChemistry

This MOOC course has been designed according to the New Revised Syllabus for T.Y.B.Sc.Students.In preparing

Starts: Sep 1, 2020



### Introduction to Biochemistry

This course is about biomolecules and their study.Life is composed of lifeless molecules which

Starts: May 3, 2020

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Starts: May 3, 2020

## Welcome to ChemNext

Online Teaching-Learning

welcome  
*to Dr. Meenakshi Rath's class*

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Courses

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Course Discussion Progress Notes Instructor

# Introduction to BioChemistry

Search the course

Search

Resume Course

Expand All

- > About The Course
- > 1.Carbohydrates
- > 2. Amino Acids and Protein

## Course Tools

Bookmarks

## Important Course Dates

Today is Dec 4, 2020 10:57 IST

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Course End

in 1 month Dec 30, 2020

> About The Course

> 1. Carbohydrates

> 2. Amino Acids and Protein

> 3. Lipids

> 4. Hormones

> 5. Enzymes

> 6. Vitamins and Coenzymes

> 7. Cell Biochemistry

> 8. Biochemical Techniques

Expand All

Course Tools

Bookmarks

Important Course Dates

Today is Dec 4, 2020 10:57 IST

Course End  
in 1 month - Dec 30, 2020

After this date, course content will be archived.

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Welcome to Dr. Meenakshi Rathi's Online Course: CH\_336 C 2020 SEM\_1  
Introduction to BioChemistry

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Course Discussion Progress Notes **Instructor**

## Instructor Dashboard

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[Course Info](#) [Membership](#) [Cohorts](#) [Extensions](#) [Student Admin](#) [Data Download](#) [Email](#) [Certificates](#) [Open Responses](#)

### Course Info

#### Enrollment Information

Verified	0
Audit	49
Honor	0
Professional	0
<b>Total</b>	<b>49</b>

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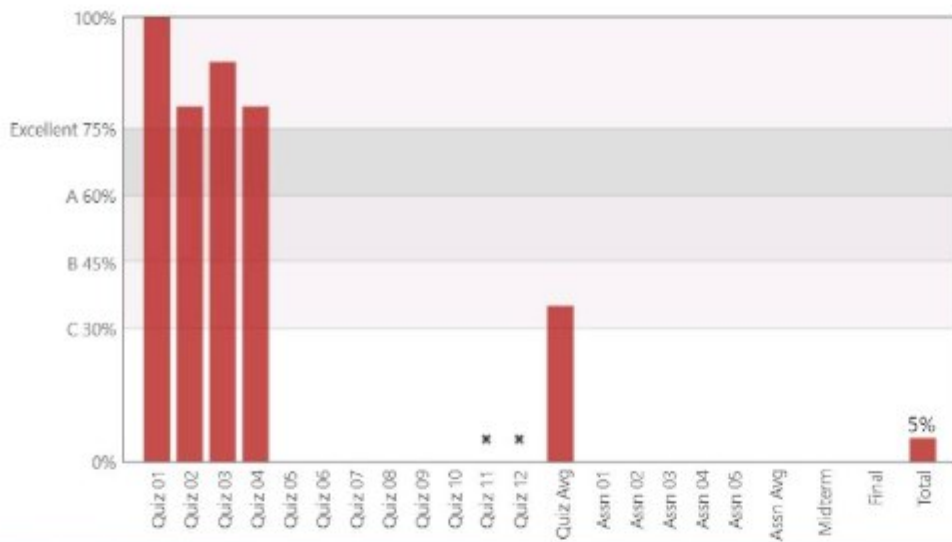
	Quiz 01	Quiz 02	Quiz 03	Quiz 04	Quiz 05	Quiz 06	Quiz 07	Quiz 08	Quiz 09	Quiz 10	Quiz 11	Quiz 12	Quiz Avg	Assn 01	Assn 02
Aakanksha jadhav	75	70	80	70	0	0	0	0	0	0	0	0	30	0	0
Abhishek@2020	100	90	100	0	0	0	0	0	0	0	0	0	29	0	0
Adil Ali	75	100	0	0	0	0	0	0	0	0	0	0	18	0	0
alfiya0105	83	80	70	60	0	0	0	0	0	0	0	0	29	0	0
Ashwini Labhade	92	80	90	0	0	0	0	0	0	0	0	0	26	0	0
Bodke Vaishali	67	70	100	0	0	0	0	0	0	0	0	0	24	0	0
Deepakp@2000	92	90	100	0	0	0	0	0	0	0	0	0	28	0	0
Devu123	67	90	90	80	0	0	0	0	0	0	0	0	33	0	0
dipali22	100	90	90	70	0	0	0	0	0	0	0	0	35	0	0

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### Course Progress for Student 'Taskinmp0611' (taskin6pathan@gmail.com)

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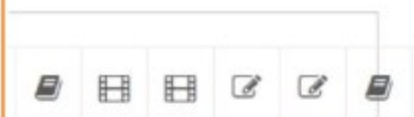
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This online course is designed to develop in students a sustained interest and enthusiasm to learn and develop the concepts in Biochemistry in a logical and step wise manner. Every chapter in this course is carefully crafted with sub units, units to facilitate quick understanding. It incorporates a variety of online tools like explanatory Videos, Notes, Quizzes and Discussion forum

Although I have made every effort to make this course error free. I am under no illusion. I welcome comments, feedback and suggestions from all students and participants. This will help me make improvements.

Once you will start the course you will see some icons as given in the image. You just need to click on these icons to read the notes, watch videos and solve the assignments and Quizzes

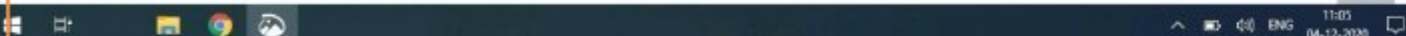


All the participants are hereby requested to access the material on a daily basis and also submit the assignments and quizzes as per the schedule.

Thank you !!!

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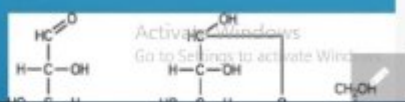

Video

2 Defination And Classification

# Carbohydrates

Copy link

**Dr. Meenakshi Rathi**  
Department of Chemistry  
RNC Arts, JDB Commerce, NSC  
Science College Nashikroad  
Nashik



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## Notes

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### Classification:

Depending upon their solubility and behaviour on hydrolysis, the carbohydrates are classified into following 3 categories :

#### 1. Monosaccharides:

- i. These are simplest of carbohydrates and are known as sugars.
- ii. These are the building units of complex carbohydrates.
- iii. These cannot be hydrolysed.
- iv. These are sweet-tasting, crystalline and soluble in water.

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**Dr. Satish M. Chavan**  
Professor, Chemistry

R. N. Chandak Arts,  
J. D. Bytco Commerce &  
N. S. Chandak Science  
College, Nashik-Road

Mobile  
+918308171837

Email:  
smchavan.nsk@gmail.com

### Education

- 2018 ● Ph.D. Chemistry
- 2000 ● B.Ed.
- 1999 ● SET
- 1998 ● M.Sc. Organic Chemistry
- 1996 ● B.Sc. Chemistry
- 1993 ● H.S.C.
- 1991 ● S.S.C.

### Teaching and Research Experience

21 yrs

● Teaching -UG

6 yrs

● Teaching -PG

6 yrs

● Research

### Research Papers, Research Projects, Conferences

34

● Research Papers

02

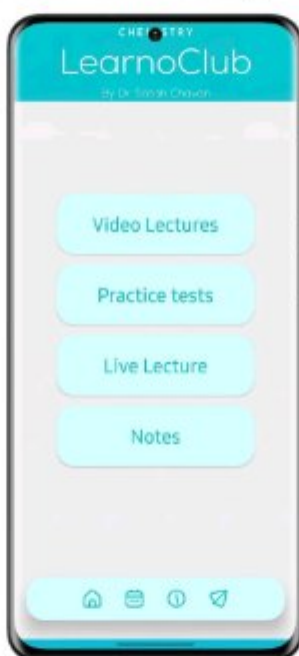
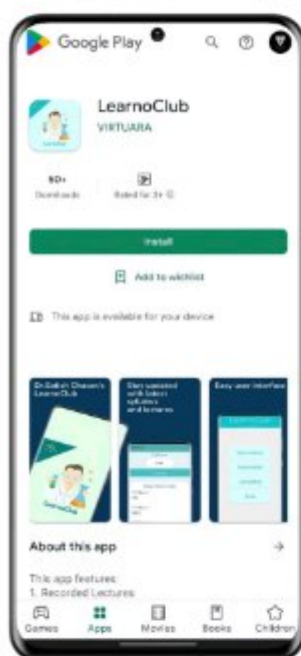
● Minor Research Projects

16

● State/National/International Conferences

## Student Related Activities: **LearnoClub Android App**

❖ **Developed Chemistry LearnoClub Android App for B.Sc. Students**



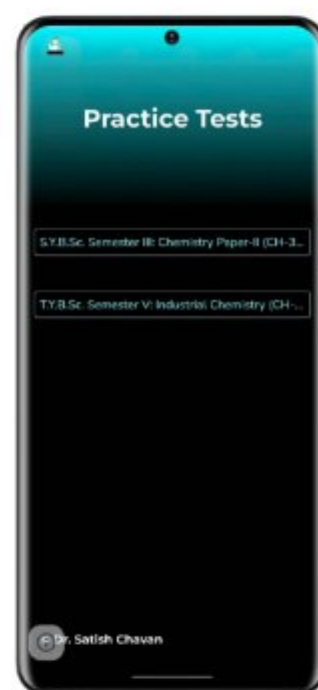
<https://play.google.com/store/apps/details?id=com.learnoclub.app>



## Student Related Activities: **LearnoClub** Android App



## Student Related Activities: **LearnoClub Android App**







31 December 2018

Dear Shyaonti Talwar,

Cambridge Assessment English is a division of the University of Cambridge, UK and has offices across the world. It is our pleasure to have you on board for Cambridge Assessment English India. We would like to acknowledge your contribution towards the content development for the TCSiON platform as a Reviewer and Content Developer in the year 2018-19.

TCSiON decided to offer Cambridge Assessment English BEC Business Preliminary and Vantage exams. Cambridge English BEC Business qualifications are designed to help professionals develop the English language skills to communicate confidently in an international workplace and are taken by aspiring and working professionals across the world. A targeted digital learning approach was designed on the TCSiON learning platform, which would have video lectures, webinars, assignments.

We put on record the following contribution by you:

1. Reviewing and restructuring customized content for the TCSiON LMS.
2. Developing and delivering video lectures of 8 language modules.
3. Making yourself available for academic consultancy prior to the launch on the digital platform.

We thank you for your support and hope to continue this association in future.

Warm regards

Shashikala L. Narayanan  
Product Owner – South Asia

## Cambridge Assessment English

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[www.cambridgeenglish.org/in](http://www.cambridgeenglish.org/in)

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West India : The Executive Centre, Level 7, The Capital, Plot No. C-70, G Block, Bandra Kurla Complex, Bandra (East), Mumbai 400051 | t: +91 22 4905 5940

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