



# GOKHALE EDUCATION SOCIETY

(Founded on : 19-2-1918) Regd. No.: F359 Bom.)

(ISO - 9001 - 2008 Certified)

PRIN. T. A. Kulkarni Vidyanagar, Nasik - 422 005.

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Chairman

Prin. S. B. Pandit

M. Com.

Secretary

Sir Dr. M. S. Gosavi

Ph.D. (Busi. Admi.) M. Com., B.A., L.L.B. Sahityacharya

Ref. No. GES/RO/1290-1/2022-23

Date : 30.9.2022

To,

**The In-charge Principal**  
RNC Arts, JDB Commerce &  
NSC Science College,  
Nasik Road.

**Reference : Your Letter No. 514/2022-23 dated. 15.9.2022**

Madam,

With reference to your letter quoted above, permission is granted to start Certificate Courses in the department Botany, Zoology, Biotechnology and Chemistry only.

Yours faithfully,

**(Sir Dr. M. S. Gosavi)**  
Secretary & Director General



Gokhale Education Society's  
R.N.Chandak Arts, J.D.Bytco Commerce &  
N.S.Chandak Science College, Nashik Road - 422 101  
ISO 9001:2015 Certified



Affiliated to Savitribai Phule Pune University : PU/NS/ASC/005(1963)  
Ph.Off. (0253) 2461548 Fax No.: (0253) 2469342  
Website :-www.cbccollege.in E-mail : cbcnashikroadcollege@gmail.com

5Ref.No.: 514/2022-23

Date: 15/09/2022

प्रती,  
मा. प्राचार्य सर डॉ. मो.स. गोसावी,  
सचिव व महासंचालक,  
गोखले एज्युकेशन सोसायटी,  
नाशिक.

विषय: शैक्षणिक वर्ष २०२१-२२ व २०२२-२३ साठीच्या Certificate Courses  
प्रस्तावासाठी मान्यता मिळणेबाबत विनंती.

संदर्भ: १. आमचे पत्र क्र. ४०८/२०२२-२३, दि. ०१/०८/२०२२.  
२. गो.ए.सोसायटीचे पत्र क्र. जीइएस/आरओ/८५८--/२०२२-२३,  
दि.०२/०८/२०२२.

आदरणीय सर,


सादर नमस्कार,  
वरील विषयानुसार आम्ही आपल्याकडे संदर्भ क्र.१ नुसार Certificate Courses सुरु  
करण्यासाठी आम्ही शैक्षणिक वर्ष २०२१-२२ व २०२२-२३ करिता संस्थेची परवानगी मागितली  
होती.

तर वरील पत्र क्र. २ नुसार आपण सदर Certificate Courses साठी लागणाऱ्या बाबीची  
विचारणा केल्यानुसार आम्ही खालील प्रमाणे या संदर्भात पूर्तता करून पाठवीत आहोत. कृपया  
स्वीकार करून सदर Certificate Courses सुरु करण्यास परवानगी द्यावी ही नम्र विनंती.

१. विद्यार्थी संख्या
२. लागणारे शुल्क
३. वेळापत्रक, परीक्षा, कालावधी
४. अंदाजपत्रक, जमा-खर्च-संभाव्य तोटा व पुस्तक खरेदी  
कळावे,

सोबत: वरील प्रमाणे.



आपली विश्वासू,  
  
(प्रा.डॉ.मंजुषा एम.कुलकर्णी)  
प्र.प्राचार्या

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

## **Certificate course - Chemistry Education and Miracles**

1 Minimum and Maximum no of students can enrol: **Minimum – 10, Maximum -30**

2 Fees structure: **Rs 200/ student**

3 Duration of the course: **30 hours**

4 Timing of the lectures: **As per the college time table**

5 Examination pattern:

**Total Marks – 50**

**Theory (20 Marks) = Internal Exam (10 Marks) + Final Exam (10 Marks)**

**Practical (30 Marks) = Internal Exam (15 Marks) + Final Exam (15 Marks)**

6 Books to be purchased: **As mentioned in the syllabus**

7 Name and no of staffs to be appointed: **Total 2 = Dr Sudesh Ghoderao + 1 staff**

8 Budget of certificate course: **Minimum Rs.2000/**

9 If minimum no of students are not enrolled then how to make up the deficit: **From college fund**

**Dr Sudesh Ghoderao**

**Gokhale Education Society's**  
**RNC Arts, JDB Commerce, and NSC Science College, Nashik Road**  
**DEPARTMENT OF BIOTECHNOLOGY**  
**CERTIFICATE COURSE IN**  
**STEVIA TISSUE CULTURING**

**Clarification about certificate course details**

Sr. No	Content	Details		
		Minimum	Maximum	
1	Student Enrollment	30	50	
2	Fees Structure	1500/-		
3	Duration of Course	33 hours		
4	Timing of the Lecture	10am – 1pm		
5	Examination Pattern	MCQ		
6	Books to be purchased	An Introduction to Plant Tissue Culture ; Author, Kalyan Kumar De		
7	Staff Details	Name of Staff		Number of staffs
		Theory	Practical	
		Priya R. Sonawani	Pranali C. Pandit	04
		Surabhi B. Aher	Revathi V. Reddier	
8	Budget of certificate Course	Requirments	Quantity	Price
		Alcohol	2lit	190
		Mercuric Chloride	10gm	540
		Ammonium Nitrate	50gm	1062
		Potassium Nitrate	50 gm	323
		Magnesium Sulphate	50gm	300
		Di Potassium Phosphate	50gm	500
		Calcium Chloride	50gm	171
		Manganese Sulphate	1kg	35
		Zinc Sulphate	1 kg	48
		Boric acid	25gm	30
		Potassium Iodide	1kg	76
		Sodium Molybdate	100gm	1120
		Copper Sulphate	100gm	26
		Cobalt Chloride	100gm	53
		Sodium EDTA	10gm	37
		Ferric Sulphate	10gm	10
		Thaimine HCL	10gm	25
		Pyriodoxine HCL	10gm	15
		Nicotinic Acid	10gm	10
		Myo-inositol	10	50
2,4-D	10gm	300		
IAA	10gm	300		
Sucrose	1kg	400		

		File	2	25
		Register	2	100
		Electricity Bill		2000
		Certificate		500
		<b>Total</b>		<b>8246/-</b>

**Deficit Makeup:** If minimum number of students is not enrolled then,

- a. Our budget is minimum against the minimum student enrolment i.e, 8246/- against 45000/-. Therefore, minimum Students should be 10 to manage the deficit against the budget.
- b. We can sale our product and the money obtained can manage the deficit incurred during course.

Gokhale Education Society's  
RNC Arts, JDB Commerce and NSC Science College, Nasik Road

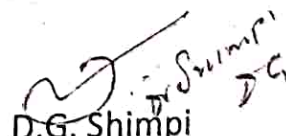
Department of Botany

### Certificate Course in Horticulture

Clarification about certificate course in Horticulture

Sr.no.	Content	Details
1	Students enrollment	Minimum 25 students
2	Fees structure	500/-per students
3	Duration	20 hr.Theory & 12 hrs.Practical.
4	Timing of lecture & practical	The.9-10am pr. Saturday 9-11.30am
5	Examination pattern	Theory paper 35 marks & practical 15 marks
6	Book purchased	Horticulture books are already available in Library
7	Staff -Teaching	Dr. D.G. Shimpi, Dr. H.V. Bhat
8	Staff- Non teaching	Mr. M.S. Solankar, Mr. A.G. Ahire
9	Budget	5 sickle, 10 plastic pots, 5 knife, Sequator, fertilizer, red soil, printed certificates etc (approx. Rs.5000/-)

Deficit make up-If minimum students are not enrolled for this course.  
We can sale saplings prepared by seeds, cuttings, grafting, budding & layering etc and manage deficit.

  
Dr. D.G. Shimpi  
Head, Dept. of Botany

Gokhale Education Society's  
RNC Arts, JDB Commerce and NSC Science College Nasik Road

Department of ZOOLOGY

Certificate Course in Vermicompost Technology

Sr.no.	Content	Details
1	Student enrollment	Minimum 25 Maximum 50 students
2	Fees structure	200/-per student
3	Duration	30Hrs
4	Timing of lecture & practical	Theory -8am to 9.15am (3lect in a week) Practical-Saturday 8am to 9.30am(2 Pract in a week)
5	Examination pattern	MCQ
6	Books to be purchased	01Vermiculture and Vermicompost by Dr.Himandri Panda
7	Staff -Teaching	Prof.Dr.A.G Ghanbahadur Dr.K.T Dhumal
8	Staff- Non teaching	Mr.Arif Pathan
9	Budget	1.Cowdung 1 small trolley.(approx.Rs. 5000/-) 2.Books-Rs 1500/ 3.Large sieve 01(Rs 1000) 4.Gunny bags20(Rs250) TOTAL-Rs 7750/

Deficit make up-If minimum students are not enrolled for this course  
we can sale Vermicompost and manage deficit.



Course co-ordinator  
Prof.Dr.A.G.Ghanbahadur

Head

Department of Zoology,

RNC Arts, JDB Commerce and NSC Science College

Nasik Road, Nasik



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Date: 17 Sep 2022

Department of Chemistry

Certificate Course in Chemistry  
Clarification about certificate course

Sr No	Content	Details
1	Students enrolment	Minimum - 10, Maximum - 30
2	Fees structure	Rs 200/ student
3	Duration	30 hours
4	Timing of lecture and practical	As per the college time table
5	Examination pattern	Total marks = 50 (Theory 20 + Practical 30)  Theory (20 Marks) = Internal Exam (10 Marks) + Final Exam (10 Marks)  Practical (30 Marks) = Internal exam (15 Marks) + Final Exam (15 Marks)
6	Book purchased	Mentioned in syllabus 15 copies @Rs 159/ per book = Rs 2385/-
7	Staff - teaching	2
8	Staff - non teaching	1
9	Budget	Minimum Rs 4385/ for first year (includes cost of books) then afterwards Rs 2000/

Deficit make up: If less number of students are enrolled then deficit can be met from college fund or getting donations from sponsorer.

Dr Sudesh Ghoderao



# CHEMISTRY BEHIND THE LIFE PROCESSES

<b>Other Details</b>	
Contact Hours	30 Hours
No. of students can enrol	50
Fee Structure	10/- (It is only for the hard copy of the certificate) Students need not to pay any fee for the course
Duration	30 Contact Hrs (3 Months) January-March
Timing of the lecture	Self-paced course ( Students can watch explanatory videos as per their convenience
Examination Pattern	Marks : 50 Mode: Online Pattern : 50 MCQ
Staffs	Dr. Meenakshi Rathi Dr. Satish Chavan
Books (All books are available in the college library)	1. Lehninger's, Principles of Biochemistry, by Nelson and Cox Macmillan Publisher 4thEdn. 2. Harper's Illustrated Biochemistry, 26th Edition. 3. Biochemistry by U. Satyanarayana 4. Soft copies of self-explanatory notes will be given to the students.

Note: This course will run online through the MOOC portal <https://mvrchemistryonlinelearning.edunext.io/so> there will be no issue of deficit make up and budget

*Meenakshi Rathi*  
Dr. Meenakshi Rathi