



|| Tamaso ma Jyotirgamaya ||
Phone (02112) 282728 283187

Shri Someshwar Shikshan Prasarak Mandal's

SOMESHWAR SCIENCE COLLEGE

Someshwarnagar, Tel. Baramati, Dist: Pune (Pin : 412 306) Maharashtra, India
(Affiliated to Savitribai Phule Pune University, Pune)

Estd: 2007

Govt. Rag. No. N.G.C. 2007(189/07) Mashi-3, Dt. 2 July 2007 College Code 827 University Appvl. No. IDNo. PU/PN/S/284/2007

Criterion No.1 Curricular Aspects

(Last Academic Year 2021-22)

1.3.2 Percentage of Students Undertaking Project Work/FieldWork/Internship

(Data for the Latest Completed Year)




Principal
Someshwar Science College, Someshwarnagar



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Estd : 2007

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Criterion-I

Curricular Aspects

(Last Academic Year 2021-2022)

1.3.2 Percentage of students undertaking project work/field work/internship.

(Data for the latest completed academic year)

Sr.No	Name of the Department	Project Work/Field Work/Internship	Number of students	Place of Work	Duration	Supporting Document
1.	F.Y.B.Sc Computer Science	Field visit	22	Someshwar Sahakari Sakhar Karkhaan Ltd.Someshwarnagar.Tal-Baramati,Dist-Pune.	3 hrs.	i)Syllabus ii) Permission letter iii) Report iv) Student list v) Sample Photograph vi)) Sample Certificates
2.	S.Y.B.Sc Computer Science	Field visit	31	Someshwar Sahakari Sakhar Karkhaan Ltd.Someshwarnagar.Tal-Baramati,Dist-Pune.	3 hrs.	
3.	S.Y.B.Sc	Field visit	05	Someshwar Sahakari Sakhar Karkhaan Ltd.Someshwarnagar.Tal-Baramati,Dist-Pune.	3 hrs.	
4.	T.Y.B.Sc Microbiology	Field visit	14	Central Sugarcane Research Station Padegaon,Tal-Phaltan,Dist-Satara.	3 hrs.	i)Syllabus ii) Permission letter iii)Report iv)Student list v)Sample Photograph Vi) Sample Certificates vii)Sample Feedback form
5.	T.Y.B.Sc Computer Science	Project Work	18	-	3 month	i)Syllabus ii) Student list iii) Certificate



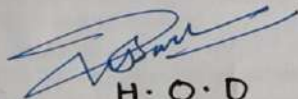

Principal
Someshwar Science College, Someshwarnagar

Notice

All the students of B. Sc. & B. Sc.Comp.sci. Are hereby informed that there is a visit arranged on 20.5.2022, friday, at Shri someshwar sahakari sakhar karkhana Ltd.,Someshwarnagarat 12.30 am. The Visit is compulsory since the visit report submission needed for practical final examination for the Practical course (Syllabus CBCS Pattern 2019).

All students will have to present at the college campus at 9.30 am sharply with apron, Water bottle and Tiffin.




H.O.D


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SEMESTER II
Paper III
ELC-123: Electronics Lab IB

The practical course consists of **10 experiments** out of which one will be activity equivalent to 2 practical sessions.

Activity will carry 15% marks at internal and external semester examination. Activity can be any one of the following :

1. Hobby projects
2. Industrial visit / live work experience
3. PCB Making
4. Market Survey of Electronic Systems
5. Circuit Simulations and CAD tools

GROUP A (Minimum 4/8)

1. To study temperature sensor LM 35
2. Use of LDR to control light intensity
3. Study of PIR and tilt sensor.
4. Study of stepper motor.
5. Use of OPAMP as comparator and its use in DC motor driving.
6. Build and test Inverting and non inverting amplifier using OPAMP.
7. Build and test adder and subtractor circuits using OPAMP.
8. Build and test voltage to frequency converter

GROUP B (Minimum 4/8)

1. Study of RS, JK and D flip flops using NAND gates
2. Study of Four bit ALU
3. Study of asynchronous Up/Down Counter
4. Study of decade counter IC circuit configurations
5. Study of 4-bit SISO Shift register and it's use as Ring Counter
6. Study of read and write action of RAM (using IC 2112/4 or equivalent).
7. Study of Diode Matrix ROM
8. Study of Computer hardware system




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SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE
CBCS(2020 PATTERN)
S.Y.B.Sc. (Electronic Science)
EL-243: Paper- III: Practical Course: SEMESTER IV

Course outcomes:

This course provides hands on experience in communication and digital circuits, which can be conducted by standard circuits. Investigate the operation of several communication circuits and digital circuits (Combinational and sequential). Upon completion of this course student will be able to

CO1	Describe and explain the design procedure of different types of active filters and analyze its frequency response
CO2	Demonstrate positive feedback for oscillator circuits using standard ICs
CO3	Describe and explain design procedure for two stage amplifiers and application circuits
CO4	Design practical circuits for identified applications
CO5	Develop working setup and write programs using programming techniques of arduino
CO6	Demonstrate and explain interfacing hardware to arduino microcontroller
CO7	Solve problems using programming techniques of python

Total Expts: 10

Group A: List of Practicals (Analog Circuit Design): Any Five

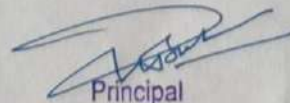

1. Design, build and test butterworth first order Low Pass Filter and High Pass Filter using OPAMP IC-741
2. Design, build and test Wein bridge oscillator/Phase shift oscillator
3. Design, build and test Push pull amplifier
4. Design, build and test Astable multivibrator using opamp
5. Design, build and test of two stage amplifier using transistor
6. Design, build and test audio amplifier
7. Liquid level detector
8. Mini project/industrial visit/PLE

**Group B: List of Practicals (Arduino and python programming): Any Five
arduino programming practicals:**

1. To study and understand Interfacing LED array to arduino
2. To study and understand Interfacing keyboard to arduino
3. To study and understand Interfacing sensor to arduino
4. To study and understand interfacing bluetooth to arduino

Python programming practicals:

5. Enter the number from the user and depending on whether the number is even or odd, print out an appropriate message to the user.
 6. Write a program to generate the Fibonacci series.
 7. Write a function that reverses the user defined value
 8. Write a recursive function to print the factorial for a given number
-



Principal

Someshwar Science College, Someshwarnagar



॥ तमसो मां ज्योतिर्गमय ॥
श्री सोमेश्वर शिक्षण प्रसारक मंडळाचे

फोन नं.(०२११२) २८३१८७, २८२७२८

सोमेश्वर विज्ञान महाविद्यालय

सोमेश्वरनगर, ता.बारामती, जि.पुणे (पिन कोड : ४१२ ३०६) महाराष्ट्र, भारत
सावित्रीबाई फुले पुणे विद्यापीठ पुणे संलग्नित

स्थापना : २००७

रजि.नं. एन.सी.जी.२००७(१८९/०७) माशि-३, दि.२ जुलै २००७ कॉलेज कोड ८२७ यु.आय.डी.नं. पी.यु./पी.एन./एस्त./२८४/२००७

जावक क्रमांक : सोविम/३०६३/२०२१-२२

दिनांक : १९/०९/२०२२

प्रति,
मा. कार्यकारी संचालक
श्री सोमेश्वर सह.सा.का.लि.सोमेश्वरनगर
ता.बारामती जि.पुणे

विषय : आपल्या साखर कारखान्यामध्ये विद्यार्थ्यांच्या इंडस्ट्रीयल व्हिजिटसाठी परवानगी मिळणेबाबत....

मा. महोदय,

वरील विषयास अनुसरून आपल्या संस्थेच्या सोमेश्वर विज्ञान महाविद्यालयाच्या प्रथम व द्वितीय वर्ष इलेक्ट्रॉनिक्स व फिजिक्स या विभागातील विद्यार्थ्यांना अभ्यासक्रमामध्ये इंडस्ट्रीयल व्हिजिट करणे आवश्यक आहे. तरी या करिता आपल्या सोमेश्वर सहकारी साखर कारखान्यामध्ये शुक्रवार दि.२० मे २०२२ रोजी दु.२ ते ४ या वेळेत व्हिजिट करण्यासाठी परवानगी मिळावी. सदर व्हिजिटमध्ये एकूण ६३ विद्यार्थी व चार प्राध्यापक सहभागी आहेत.

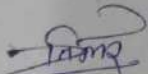
कळावे,

सोबत :
शिक्षक व विद्यार्थी यादी

आपला विश्वासू


19/09/2022
प्राचार्य

सोमेश्वर विज्ञान महाविद्यालय, सोमेश्वरनगर


लेबर ऑफीसर

श्री सोमेश्वर सह.सा.का.लि.
सोमेश्वरनगर, ता.बारामती, जि.पुणे



श्री सोमेश्वर सहकारी साखर कारखाना लि. सोमेश्वरनगर

ता.बारामती, जि.पुणे

नं. 443

दिनांक : 20/09/2022

भेट देणाऱ्याचे नांव : सोमेश्वर विज्ञान महाविद्यालय सोमेश्वर

संपूर्ण पत्ता : सोमेश्वरनगर

एकूण भेट देणाऱ्यांची संख्या :

खालिल अटीस अनुसरून कारखाना पाहणेस परवानगी देण्यात येत आहे.

- 1) कारखान्याचे चालु असलेल्या कोणत्याही यंत्राजवळ जाण्यास मनाई आहे. तसेच कोणत्याही भागास हात लावणेची सक्त मनाई आहे.
- 2) भेट देणाऱ्या इसमास कोणत्याही प्रकारची इजा अगर अन्य प्रकारे धोका झाल्यास (अशा प्रकारची इजा अगर धोका कोणत्याही प्रकाराने घडुन आला तरी) त्यास कारखाना जबाबदार नाही.
- 3) त्याचे वेळेनंतर भेट देणाऱ्याने कारखान्यात थांबता कामा नये.

भेट देणाऱ्याची सही

Dr. Shesha
सिक््युरिटी ऑफीसर

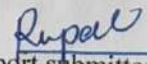


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Someshwar Science College, Someshwar Nagar

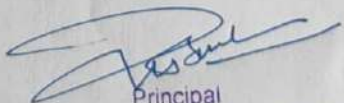
**B.Sc. & B.Sc.Comp.Sci. students visit at
Shri someshwar sahakari sakhar karkhana Ltd.,Someshwarnagar**

Someshwar Vidnyan Mahavidyalaya, Someshwarnagar had organized an industrial visit to power generation plant on 20th May 2022 at 01.00 p.m. The visit was organized by HOD of Electronics Prof.Bansode D.V.,Asst Prof. Pandit R.A. & Asst Prof. Chavan M.B.were the co-ordinators Faculty for the industrial visit. We started travelling from the college campus at 12:30 am via our college bus. Totally 57 students along with 2 co-ordinators faculty were there in the journey. The visit is very helpful to us, got ideas about how power generated.

Visit was arranged at Someshwar sugar factory co-generation plant. I am thankful to Mr.Rajendra Yadav. (Managing Director, Shri Someshwar Sahakari Sakhar Karkhana, Someshwaragar) for permitting us for that visit. Also thankful to Mr. S. N. Tengale (Chief Engg.), Mr. A. G. Chavan (Asst. Engg. Instru.), Mr. Balasaheb Jagtap (WTP Chemist) and all concerned staff of co- generation plant for giving information and valuable co-operation.


Report submitted by
Miss.R.A.Pandit




Principal
Someshwar Science College, Someshwarnagar

Shri Someshwer Shikshan Prasarak Mandals

Someshwar Science College, Someshwarnagar

Department Of Electronic Science(Industrial Visit 2021 - 22)

Class : S.Y. B. Sc.

Date : 20 - 05 - 2022

Sr.No	Roll.No	Student	Mobile No.	Signature	
				IN	Out
1	2034	SASTE SHIVAM RAMESH	9373866023	P	P
2	2037	JAGTAP VISHIVJEET YUVRAJ	7841867009	P	P
3	2047	KHARAT RUTUJA SATISH	8421642207	P	P
4	2058	PAWAR HARSHAL MACHHINDRA	9049071849	P	P
5	2060	SURVE AAKASH SANDIP	9136592603	P	P

Dipal
Incharge

[Signature]
H. O. D.

[Signature]
Principal
Someshwar Science College, Someshwarnagar.



Someshwar Science College , Someshwarnagar**Department Of Electronic Science (Industrial Visit 2021 - 22)**

Class : F.Y. B. Sc. Comp. Sci.

Date : 20 - 05 - 2022

Sr.No	Roll.No	Name Of The Student	Mobile No.	Signature	
				In	Out
1	6001	PAWAR SIDDHANT BHARAT	8888038271	P	P
2	6002	ADSUL SANKET DNYANESHWAR	9529153245	P	P
3	6003	DHURVE AKANKSHA TATYASO	7498554577	P	P
4	6004	BHOSALE KSHITIJA DHANANJAY	8767453323	P	P
5	6005	SHENDKAR NIKITA NAVNATH	9579384534	P	P
6	6006	KALE PRATHAMESH GANESH	9960627200	P	P
7	6007	THOPATE GAURI ANIL	9322753684	P	P
8	6008	GADEKAR HARSHJEET MANOHAR	9307055400	P	P
9	6009	PAWAR PRAJAKTA RAMESH	7741054667	P	P
10	6010	KADAM RUTUJA CHANDRAKANTA	9766763434	P	P
11	6011	BAGAL SHUBHAM MAHENDRA	9823568647	P	P
12	6012	THORAT SANJANA HANUMANT	9665023974	P	P
13	6013	KARANDE ANIKET SOMNATH	8208800543	P	P
14	6014	GAIKWAD GAYATRI PARAMESHWAR	9623146413	P	P
15	6015	PISE RUSHIKESH PRAKASH	8767236811	P	P
16	6016	CHAVAN NIKITA DILIP	9359318031	P	P
17	6017	ANKUSHRAO DATTA DILIP	9689229989	P	P
18	6018	MADANE POONAM DHANANJAY	8329352587	P	P
19	6019	JAGTAP PRIYANKA DATTRAY	9356820532	P	P
20	6020	PALANGE ANUJA SURESH	7385484692	P	P
21	6021	JEDHE NIKHIL MANSING	9309982133	P	P
22	6022	JADHAV PRAJWAL TANAJI	9307935553	P	P

Rupal
Incharge

[Signature]
H. O. D.



[Signature]
Principal
Someshwar Science College, Someshwarnagar.

Shri Someshwer Shikshan Prasarak Mandals

Someshwar Science College , Someshwarnagar

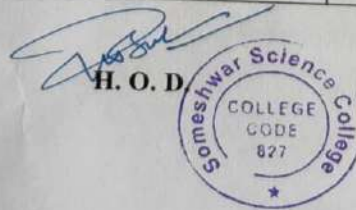
Department Of Electronic Science(Industrial Visit 2021 - 22)

Class : S.Y. B. Sc. Comp. Sci.

Date : 20 - 05 - 2022

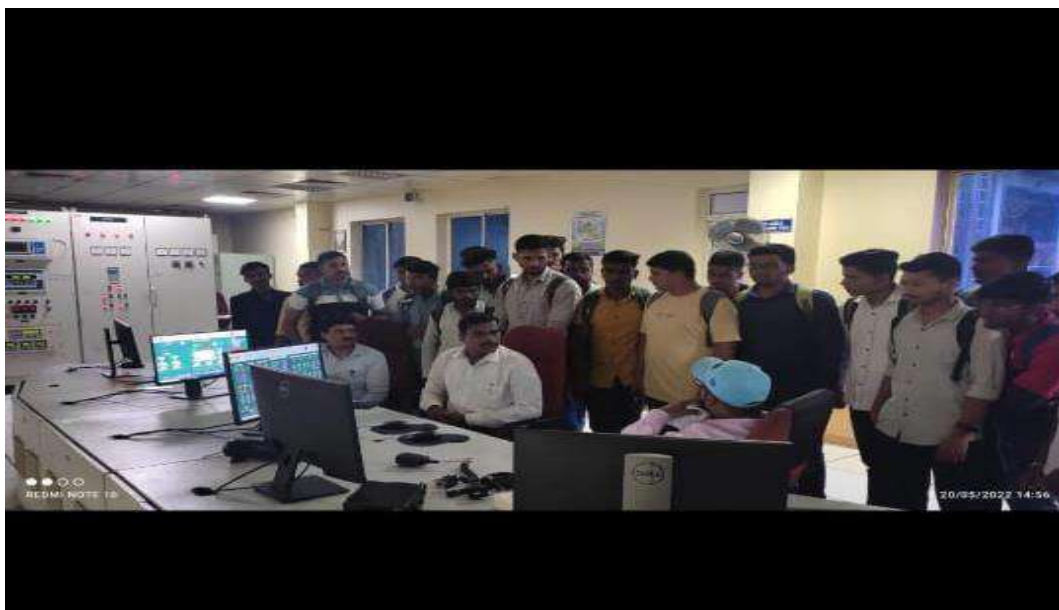
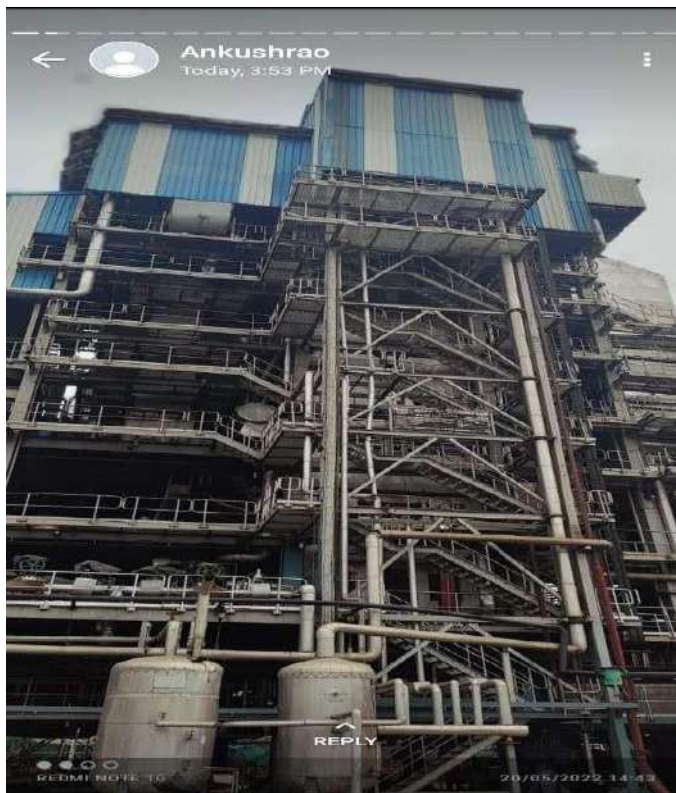
Sr.No	Roll No	Student	Mobile No.	Signature	
				In	Out
1	7001	ADSUL ARPITA GANESH	8308610413	P	P
2	7002	PINGALE VAIBHAV ASHOK	8208709988	P	P
3	7003	JAGTAP MANASI RAJENDRAKUMAR	9527158899	P	P
4	7004	PHADATARE ASAWARI ASHOK	7248949085	P	P
5	7005	MANDKE ATHARV PRADIP	7410700306	P	P
6	7006	KOLATE NEHA DATTATRAYA	9665150495	P	P
7	7007	SHINDE ABHISHEK ANKUSH	9545681595	P	P
8	7008	SAHIL BHAIRU PADALKAR	9175909484	P	P
9	7009	GHADGE PRAGATI BHIMRAO	9511949440	P	P
10	7010	GADHAVE SAKSHI ANIL	9604352785	P	P
11	7011	JADHAV RIYA TANAJI	8605832727	P	P
12	7012	KUMBHAR KALYANI BHARAT	9923019740	P	P
13	7013	SALUNKHE DIPTI JAYAVANT	9665390085	P	P
14	7014	KONDE YOGINI RAVINDRA	9579488567	P	P
15	7015	KHENGARE TEJAS HARISHCHANDRA	9284785606	P	P
16	7016	BHOJ KAVERI GANESH	8275466220	P	P
17	7017	SURYAWANSHI PRATIKSHA GOVIND	9579405972	P	P
18	7018	SHAIKH SAHIL MAHAMMAD	7719002154	P	P
19	7019	KHALATE ATISH SANTOSH	9822044978	P	P
20	7020	WABALE OMKAR MAHESH	8208005382	P	P
21	7021	DHANGEKAR SHUBHAM SURESH	7262987890	P	P
22	7022	SAWANT SHRUNGALI SOMNATH	8308022805	P	P
23	7023	VIR ABHIMANYU HRIDAYANATH	7420991007	P	P
24	7024	CHAVAN ROHAN RAJU	9356431517	P	P
25	7025	JAGTAP SAKSHI SANJAYRAO	9421008231	P	P
26	7026	ADAGALE DNYANDEEP SHANKAR	9021093656	P	P
27	7027	MANE PRIYANKA RAJESH	9326607741	P	P
28	7028	PAWAR GAYATRI JALINDAR	9767315939	P	P
29	7029	PATOLE AMOL SHIVAJI	7620707805	P	P
30	7030	DURGUDE SAGAR RAJKUMAR	9168273900	P	P
31	7031	PILANE PRADNYA PANDURANG	7820843662	P	P

Rupali
Incharge



[Signature]
Principal
Someshwar Science College, Someshwarnagar.

Department Of Electronics Science (Industrial Visit 2022)




Principal
Someshwar Science College, Someshwarnagar




Principal
Someshwar Science College, Someshwaramagar



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SOMESHWAR SCIENCE COLLEGE , SOMESHWARNAGAR

Department of Electronic Science
Organized

One day Industrial visit to 18MW Co-generation Power Plant, Someshwarnagar

*This is certify that Mr. Pingale Vaibhav Ashok class- S.Y.B.Sc.
Comp. Sci. has been actively participated in One day Industrial visit to 18MW
Co-generation Power Plant, Someshwarnagar organized by Department of
Electronic Science on 20.5.2022 .*

Rupali
Coordinator

Arjun
Head of Department

Arjun
Principal



CERTIFICATE



Shri Someshwar Shikshan Prasarak Mandal's
SOMESHWAR SCIENCE COLLEGE , SOMESHWARNAGAR

Department of Electronic Science
Organized

One day Industrial visit to 18MW Co-generation Power Plant, Someshwarnagar

*This is certify that Miss. Pawar Prajakta Ramesh class- F.Y.B.Sc.
Comp. Sci. has been actively participated in One day Industrial visit to 18MW
Co-generation Power Plant, Someshwarnagar organized by Department of
Electronic Science on 20.5.2022 .*

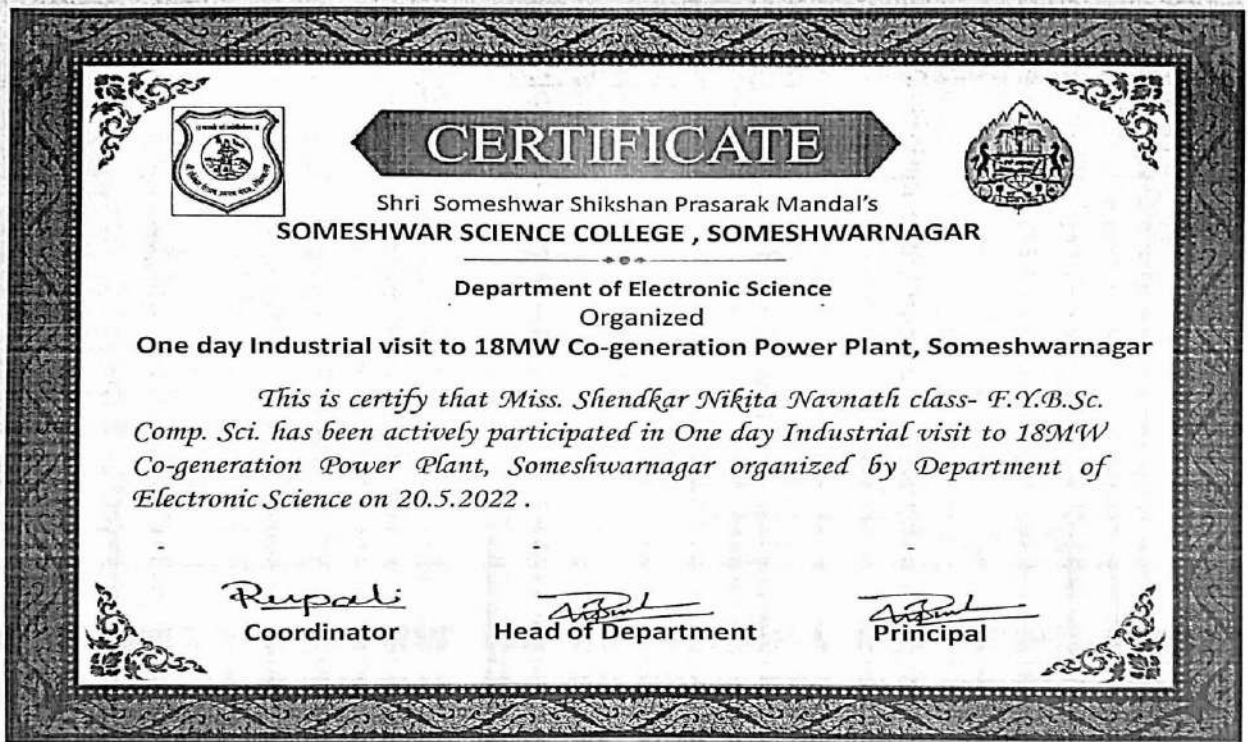
Rupali
Coordinator

Arjun
Head of Department

Arjun
Principal



Arjun
Principal
Someshwar Science College, Someshwarnagar



[Signature]
Principal
Someshwar Science College, Someshwarnagar



CERTIFICATE



Shri Someshwar Shikshan Prasarak Mandal's
SOMESHWAR SCIENCE COLLEGE , SOMESHWARNAGAR

Department of Electronic Science
Organized

One day Industrial visit to 18MW Co-generation Power Plant, Someshwarnagar

This is certify that Miss. Chavan Nikita Dilip class- F.Y.B.Sc. Comp. Sci. has been actively participated in One day Industrial visit to 18MW Co-generation Power Plant, Someshwarnagar organized by Department of Electronic Science on 20.5.2022 .

Rupali
Coordinator

Arpita
Head of Department

Arpita
Principal



CERTIFICATE



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SOMESHWAR SCIENCE COLLEGE , SOMESHWARNAGAR

Department of Electronic Science
Organized

One day Industrial visit to 18MW Co-generation Power Plant, Someshwarnagar

This is certify that Miss. Adsul Arpita Ganesh class- S.Y.B.Sc. Comp. Sci. has been actively participated in One day Industrial visit to 18MW Co-generation Power Plant, Someshwarnagar organized by Department of Electronic Science on 20.5.2022 .

Rupali
Coordinator

Arpita
Head of Department

Arpita
Principal

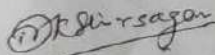


Arpita
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Someshwar Science College, Someshwarnagar

Notice

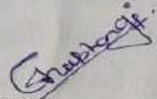
All the students of T.Y.B.SC (Microbiology) are hereby informed that there is a visit arranged on 25.5.2022 Wednesday, at Padegaon Research Centre, Padegaon at 11.00 a.m. The visit is compulsory since the visit report submission needed for practical final examination for the practical course MB II (Syllabus CBCS Pattern 2019).

All students will have to present at the college campus at 9.30 a.m. sharply with apron, Water bottle and Tiffin.



Practical Course II Incharge

(Asst.Prof.Mrs.Bhandwalkar M.S.)



HOD

Microbiology Department
Department of Microbiology



Principal

(Dr.R.G.Pawar)
Principal

Someshwar Science College, Someshwarnagar



Semester VI

Practical Course – II

DSEC-MB 368: Metabolism and Molecular Biology

[2 Credits: 78 Lectures]

[1 credit=15hrs x 130 mins = 1950 mins/50 mins=39 lectures]

78 L distributed as 60 L for performing practicals and 18 L for internal evaluation

12 Practical x 5 lectures = 60 Lectures

Sr. No.	Practicals	No. of Practical
1.	Clinical Biochemistry - Estimations of i. Blood sugar ii. Blood urea iii. Serum cholesterol iv. Serum proteins and albumin	3
2.	Enzyme production, purification, quantification and Immobilization: i. Lab scale production of amylase using isolates ii. Precipitation of amylase from fermentation broth (salt/solvent) iii. determination of specific activity of crude and purified amylase iv. Immobilization of Amylase using calcium alginate	4
3.	Enrichment, Isolation and Enumeration of Bacteriophages (Principle, Methodology and Calculations of phage titer in PFU/ml)	2
4.	Isolation of Plasmid DNA and Agarose Gel Electrophoresis (Demonstration/hands on as per infrastructure availability)	1
5.	Study of Mitotic cell division from onion root tips	1
6.	Visit to a Biotechnology/ Biochemistry institute	1

References: MB 368 Metabolism and Molecular Biology

1. Ausubel F. M., Brent R., Kingston R. E., Moore D. D., Seidman J.G., Smith J. A. and Struhl K. (Editors). (2003). Current Protocols in Molecular Biology. Copyright © John Wiley and Sons, Inc. ISBN: 047150338X
2. Bhatta P. and Sakya S. R. (2008). Study of mitotic activity and chromosomal behaviour in root meristem of *Allium cepa* L. treated with magnesium sulphate. Ecoprint. 15: 83-88. ISSN 1024-8668. Ecological Society (ECOS), Nepal. www.ecosnepal.com.
3. Birnboim H. C. and Doly J. (1979). A rapid alkaline extraction procedure for screening of recombinant plasmid DNA. Nucleic acid Research. 7(6):1513-1523.



[Signature]
Principal
Someshwar Science College, Someshwar



॥ Tamaso ma Jyotirgamaya ॥
Shri Someshwar Shikshan Prasarak Mandal's

Phone (02112) 283187, 282728

SOMESHWAR VIDNYAN MAHAVIDYALAYA

Someshwarnagar, Tal: Baramati, Dist: Pune Pin - 412 306 , Maharashtra, India
(Affiliated to Savitribai Phule Pune University, Pune)

Estd. : 2007

Govt. Reg. No. N.C.G.2007(189/07) Mash-3, Dt. 2 July 2007 College Code - 827 University Appvl. No. IDNo. PU/PN/S/284/2007

Ref. No. S.V.M. / 3068 / 2021-22

Date : 25/05/2022

To,
The Director,
The Central Sugarcane Research Station,
Padegaon,
Tal. Phaltan, Dist. Satara,

Subject: Requesting to permit the visit of T.Y.B.Sc Microbiology students of 'Someshwar Science College, Someshwarnagar' to the research Centre

Respected Sir/Madam,

With reference to the above subject, Microbiology Department of Someshwar Science College, Someshwarnagar, has to arrange T.Y.B.Sc Microbiology students visit to the research Centre, as per Practical course syllabus.

We are expecting to know the day to day practical work and research activities carried in the Centre. We will be very grateful to you if you are ready to cooperate and guide us by giving your valuable time and permission to visit the Centre.

Total no. of Students will be around 15 along with faculty 4.

Thanking you.

B.K. Bhandwalkar
Practical Course II Incharge
Asst. Prof. Mrs. Bhandwalkar M.S.)

Shubhangi Kumbhar
HOD 25105122
Microbiology Department
(Asst. Prof. Shubhangi Kumbhar)

P. P. Patil
Principal
Someshwar Science College, Someshwarnagar

Received & allowed to visit the research station

Shubhangi Kumbhar
Office Incharge
District Extension Center, Satara
C.S.R.S. Padegaon



**T.Y.B.Sc (Microbiology) students visit at
Central Sugarcane Research Station, Padegaon**

T.Y.B.Sc (Microbiology) students' visit along with 4 staff members was organized by Department of Microbiology, of Someshwar Vidnyan Mahavidyalaya, Someshwarnagar on 25th May 2022 at 11.0 a.m.

First students were taken into seminar hall to give Research Centre information and organizational structure and all about research done at All India Coordinated Research On Sugarcane (AICRP). Dr. Dipak Dimse (Molecular Biology) and Dr.Thorwe (Plant Pathology) gave the information regarding varieties like Co 86032, CoM 0265 breded at this station along with the following information.

The dominant ruling variety Co 86032 (Nira) was released during 1996, for cultivation in suru, pre-season and adsali seasons. It is widely adapted in Maharashtra due to its good characters viz. high cane and CCS yield, sparse flowering, better ratoonability, resistant to smut, drought and salinity tolerant.

Salient features of Phule 265:

- About 19.45 % higher cane and 18.74% higher CCS yield than Co 86032.
- Tolerant to drought and salinity.
- Better ratoonability.
- Excellent tillering ability.
- Resistant to smut, red rot, wilt, foliar diseases and moderately resistant to pests especially the woolly aphids.

Pathology

- The smut resistant genotypes, CoM 7601 and MS 7604 developed by this centre has been registered in NBPGR, New Delhi with registration numbers INGR16008 and INGR16009 respectively.

The visit was informative and ended by giving vote of thanks by one of the students.


Report submitted by

Mrs.Bhandwalkar M.S.



Shri Someshwar Shikshan Prasarak Mandal's
Someshwar Science College, Someshwarnagar

Date: 25-05-2022

Attendance of T.Y.B.Sc (Microbiology)

Visit to The Central Sugarcane Research Station, Padegaon, Tal. Phaltan, Dist. Satara,

Sr.No.	Roll No.	Name of the student	Out(Signature)	In(Signature)
1.	3074	Hulge Rakhi Satish	<u>Hulge</u>	<u>Hulge</u>
2.	3022	Holkar Sayali Sharad	<u>Holkar</u>	<u>Holkar</u>
3.	3021	Bhosale Nikita D.	<u>Bhosale</u>	<u>Bhosale</u>
4.	3006	Raut Shivani Rohidas.	<u>Raut</u>	<u>Raut</u>
5.	3011	Sonawane Samsuddhi J.	<u>Sonawane</u>	<u>Sonawane</u>
6.	3013	Magar Nayan Sharad	<u>Magar</u>	<u>Magar</u>
7.	3038	Jedhe Sakshi Jawant	<u>Jedhe</u>	<u>Jedhe</u>
8.	3075	Jagtap Vaibhavi Santosh	<u>Jagtap</u>	<u>Jagtap</u>
9.	3018	Jagtap Pankaj Jitendra	<u>P.J. Jagtap</u>	<u>P.J. Jagtap</u>
10.	3023	Lokade Rutuja Dattatray	<u>Lokade</u>	<u>Lokade</u>
11.	3016	Darekar priti sunil	<u>Darekar</u>	<u>Darekar</u>
12.	3010	Dawke Sayali Sandip	<u>Dawke</u>	<u>Dawke</u>
13.	3068	Dhumal Vaishnavi D.	<u>Dhumal</u>	<u>Dhumal</u>
14.	3002	Karade Ashwini Dada	<u>Karade</u>	<u>Karade</u>
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				

Bhandwal

Practical course II
Incharge

(Asst. Prof. Bhandwal Mrs. M.S.)

Shubhangi

H.O.D
Department of Microbiology

Someshwar
Principal

Someshwar Science College, Someshwar



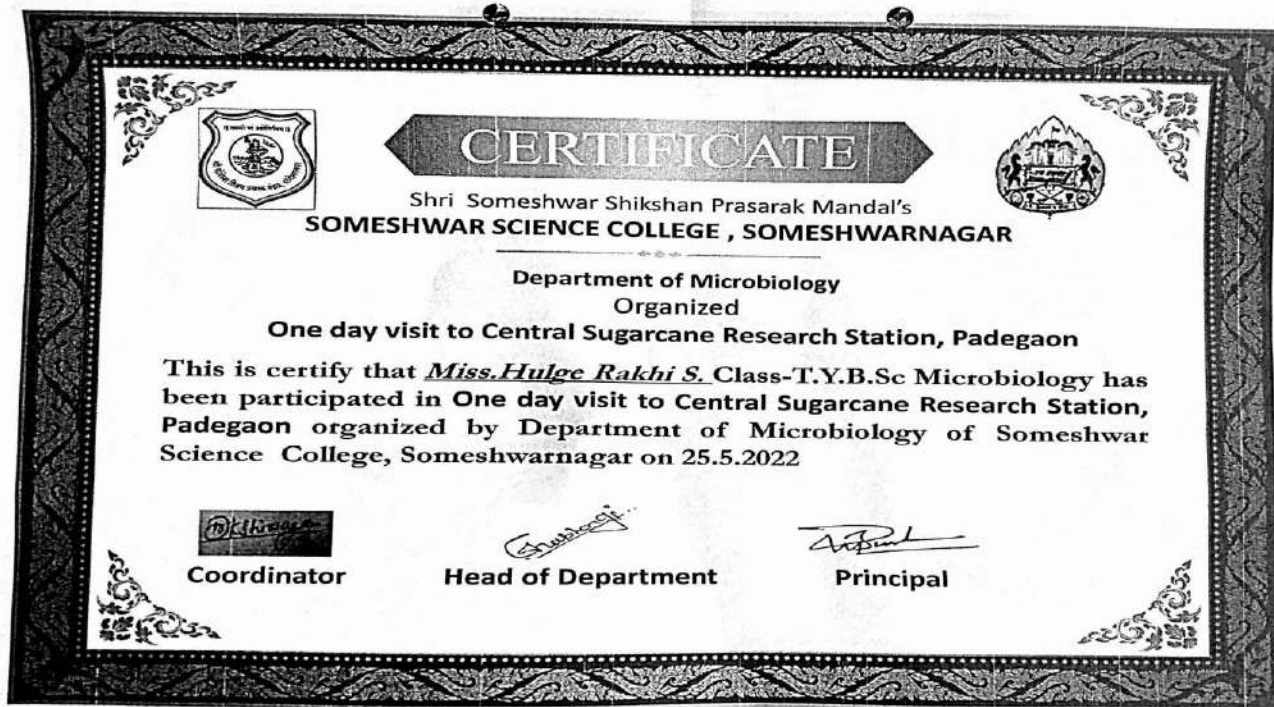
Field Visit of T.Y.BSc Micro-Biology 2022




Principal
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Principal
Someshwar Science College, Someshwar nagar



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Principal
Someshwar Science College, Someshwarnagar



CERTIFICATE



Shri Someshwar Shikshan Prasarak Mandal's
SOMESHWAR SCIENCE COLLEGE , SOMESHWARNAGAR

Department of Microbiology
Organized

One day visit to Central Sugarcane Research Station, Padegaon

This is certify that Miss.Bhosale Nikita D. Class-T.Y.B.Sc Microbiology has been participated in One day visit to Central Sugarcane Research Station, Padegaon organized by Department of Microbiology of Someshwar Science College, Someshwarnagar on 25.5.2022



Coordinator



Head of Department



Principal



CERTIFICATE



Shri Someshwar Shikshan Prasarak Mandal's
SOMESHWAR SCIENCE COLLEGE , SOMESHWARNAGAR

Department of Microbiology
Organized

One day visit to Central Sugarcane Research Station, Padegaon

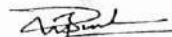
This is certify that Miss.Jedhe Sakshi J. Class-T.Y.B.Sc Microbiology has been participated in One day visit to Central Sugarcane Research Station, Padegaon organized by Department of Microbiology of Someshwar Science College, Someshwarnagar on 25.5.2022



Coordinator



Head of Department



Principal




Principal
Someshwar Science College, Someshwarnagar



CERTIFICATE



Shri Someshwar Shikshan Prasarak Mandal's
SOMESHWAR SCIENCE COLLEGE , SOMESHWARNAGAR

Department of Microbiology
Organized

One day visit to Central Sugarcane Research Station, Padegaon

This is certify that Miss. Jagtap Vaibhavi S. Class-T.Y.B.Sc Microbiology has been participated in One day visit to Central Sugarcane Research Station, Padegaon organized by Department of Microbiology of Someshwar Science College, Someshwarnagar on 25.5.2022



Coordinator



Head of Department



Principal



CERTIFICATE



Shri Someshwar Shikshan Prasarak Mandal's
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Department of Microbiology
Organized

One day visit to Central Sugarcane Research Station, Padegaon

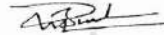
This is certify that Miss. Darekar Priti S. Class-T.Y.B.Sc Microbiology has been participated in One day visit to Central Sugarcane Research Station, Padegaon organized by Department of Microbiology of Someshwar Science College, Someshwarnagar on 25.5.2022



Coordinator



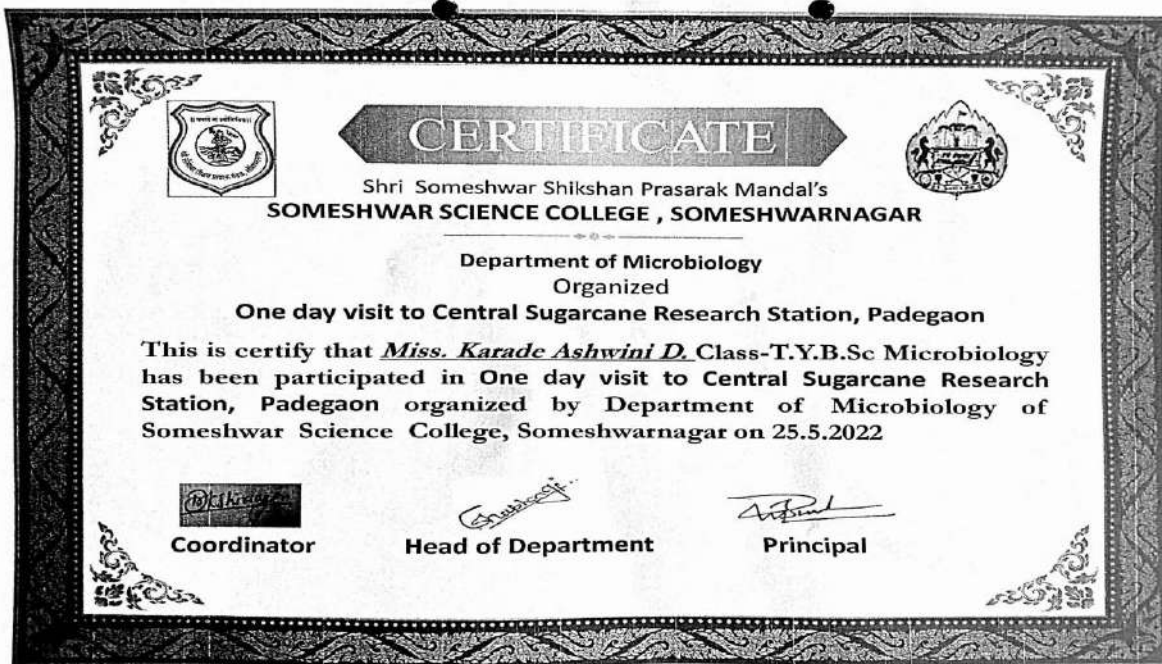
Head of Department



Principal



Principal
Someshwar Science College, Someshwarnagar




Principal
Someshwar Science College, Someshwarnagar

Shree Someshwar Shikshan Prasarak Mandal's
Someshwar Vidnyan Mahavidyalaya, Someshwarnagar

Student Feedback form for Research Centre visit

Name: Dhumaal Vaishnavi P.

Date: 22/5/2022

Class: T.Y.B.Sc

Visit Place: Central Sugarcane Research Station, Padegaon

Directions: Please give rating wherever necessary

1. Outstanding 2. Better 3. Good 4. Average 5. Satisfactory

Question	Response
How would you rate this work demonstration of research center	3
How would you rate the goal of the visit?	4
How would you rate expectation meeting regarding this visit	5
How would you rate regarding the understanding of applicative aspect of theory background	3
Any suggestion	Practical knowledge is necessary.
Thing which learned from this visit	Agricultural knowledge is received.

Dhumaal
Sign of the Student



[Signature]
Principal
Someshwar Science College, Someshwar Nagar

Shree Someshwar Shikshan Prasarak Mandal's
Someshwar Vidnyan Mahavidyalaya, Someshwarnagar

Student Feedback form for Research Centre visit

Name: Hulge Rathi Satish

Date: 22/5/2022

Class: T.Y.B.Sc

Visit Place: Central Sugarcane Research Station, Padegaon

Directions: Please give rating wherever necessary

1. Outstanding 2. Better 3. Good 4. Average 5. Satisfactory

Question	Response
How would you rate this work demonstration of research center	2
How would you rate the goal of the visit?	3
How would you rate expectation meeting regarding this visit	4
How would you rate regarding the understanding of applicative aspect of theory background	1
Any suggestion	very good.
Thing which learned from this visit	repeat again visit.


Sign of the Student




Principal
Someshwar Science College, Someshwarnagar

Student Feedback form for Research Centre visit

Name: Dhurat Veishnu P.

Date: 22/5/2022

Class: T.Y.B.Sc

Visit Place: Central Sugarcane Research Station, Padegaon

Directions: Please give rating wherever necessary

1. Outstanding 2. Better 3. Good 4. Average 5. Satisfactory

Question	Response
How would you rate this work demonstration of research center	3
How would you rate the goal of the visit?	4
How would you rate expectation meeting regarding this visit	5
How would you rate regarding the understanding of applicative aspect of theory background	3
Any suggestion	Practical knowledge is necessary.
Thing which learned from this visit	Agricultural knowledge is received.

Dhurat
Sign of the Student



[Signature]
Principal
Someshwar Science College, Someshwarnagar

Savitribai Phule Pune University
T.Y.B.Sc. (Computer Science) - Sem - VI
Course Type: SECC - IV Course Code: CS - 3611
Course Title : Project

Teaching Scheme 03 Lect/ week/Batch Batch Size : 20	No. of Credits 2	Examination Scheme IE : 15 marks UE: 35 marks
---	---------------------	---

Project Guidelines:

- Students should work in a team of minimum 3 and maximum 4 students.
- Students can choose a project topic and implement the same using any language/technology covered in the curriculum so far. The operating environment must be linux.
- The student group will work independently throughout the project work including: problem identification, information searching, literature study, design and analysis, implementation, testing, and the final reporting.
- Project guide must conduct project presentations (minimum 2) to monitor the progress of the project groups.
- At the end of the project, the group should prepare a report which should conform to international academic standards. The report should follow the style in academic journals and books, with clear elements such as: abstract, background, aim, design and implementation, testing, conclusion and full references, Tables and figures should be numbered and referenced to in the report.
- The final project presentation with demonstration (UE) will be evaluated by the project guide (appointed by the college) and one external examiner (appointed by the University).

Recommended Documentation contents:

Abstract

Introduction

- motivation
- problem statement
- purpose/objective and goals
- literature survey
- project scope and limitations

System analysis

- Existing systems
- scope and limitations of existing systems
- project perspective, features
- stakeholders
- Requirement analysis - Functional requirements, performance requirements, security requirements etc.

System Design

- Design constraints
- System Model: Using OOSE
- Data Model
- User interfaces

Implementation details




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- Software/hardware specifications

Outputs and Reports Testing

- Test Plan, Black Box Testing or Data Validation Test Cases, White Box Testing or Functional Validation Test cases and results

Conclusion and Recommendations

Future Scope

Bibliography and References

Project Related Assignments

Guidelines:

- The project assignments are a compulsory part of the project course and should be carried out by each project group.
- Project assignments are to be given by the guide for continuous internal evaluation.
- The project assignments are to be allotted to each group separately by the project guide on the basis of the implementation technology. A suggested list of assignments is given below.
 1. Project Time management: plan (schedule table), Gantt chart, Roles and responsibilities, data collection, Implementation
 2. Simple assignments to evaluate choice of technology
 3. Assignments on UI elements in chosen technology
 4. Assignments on User interfaces in the project
 5. Assignments on event handling in chosen technology
 6. Assignments on Data handling in chosen technology
 7. Online and offline connectivity
 8. Report generation
 9. Deployment considerations
 10. Test cases
- Each student within the group must work actively and contribute to the assignments, project work and report writing.

Evaluation guidelines:

IA (15 marks)			UE (35 marks)		
First presentation	Second presentation	Assignments	Project Logic/ Presentation	Assignments and Project Documentation	Viva
05	05	05	20	10	05



[Signature]
Principal
Someshwar Science College, Someshwar

Shri Someshwar Shikshan Prasarak Mandal's
SOMESHWAR SCIENCE COLLEGE SOMESHWARNAGAR
DEPARTMENT OF COMPUTER SCIENCES
TYBSC (Computer Science) A.Y 2021-22

PROJECT DETAILS

Sr No	Roll No	Student Name	Project Name
1	8019	Akshada Dipak Kakade	Cyber café Management System
	8017	Rutuja Jitendra kahaarade	
2	8003	Sahil vijay Shinde	Airline Management System
	8004	Abhishek Bhosale	
3	8001	Gadadare Aniket	Hotal room Boking Management System
4	8002	Khomane Monika Ganapat	Tours and Travels Management System
	8010	Navase Triveni Ramdas	
5	8023	Vrushali Jayawant thopte	ATM Management System
	8024	Sayli Nandkumar Gaikwad	
6	8022	Dhanashree Nandkumar Adsul	Online Student Pesult Management System
	8021	Prachi Ananda Adsul	
7	8011	Tejas Nandkumar Shitole	Gym management System
	8009	Mangesh Arjun PAWAR	
8	8025	Nikhil garde	Online Library Management System
	8006	Omkar Dighe	
9	8006	Sahil Holkar	Inventory Management System
	8005	Rohit Chavan	
10	4026	Neha Sharad Chaudhari	Online Pharmacy Management System

For Jaytaps

Head,

Department of Computer Science



Principal
Someshwar Science College, Someshwarnagar

Shri Someshwar Shikshan Prasarak Mandal's



Someshwar Science College, Someshwarnagar

PROJECT REPORT ON

“CYBER CAFE MANAGEMENT SYSTEM”

Submitted to

Savitribai Phule Pune University

**In the partial fulfillment of
degree of Bachelor of Computer Science**

For academic year: 2021-2022

Miss. Akshita Dipak Kakade (8019)

Under the Guidance

Miss. Reshma Jagtap




Principal
Someshwar Science College, Someshwarnagar

Shri Someshwar Shikshan Prasarak Mandal's



Someshwar Science College, Someshwarnagar

Baramati, Pune - 412306

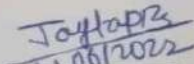
Department of Computer Science

CERTIFICATE

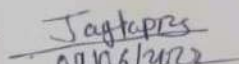
This is to certify that the project entitled "CYBER CAFE MANAGEMENT SYSTEM" submitted by Miss. Akshata Dipak Kakade (8019) .In partial fulfillment of the requirement of the award of degree T.Y.BSc(Comp Sci) to Savitribai Phule Pune University, Pune has been carried out by them under my guidance satisfactory during the academic year 2021-2022.

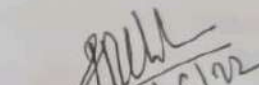
Place: Someshwarnagar

Date:


11/06/2022
Project Guide


11/06/2022
Head of Department


11/06/2022
Internal Examiner


11/06/2022
External Examiner




Principal
Someshwar Science College, Someshwarnagar

Shri Someshwar Shikshan Prasarak Mandal's



SOMESHWAR SCIENCE COLLEGE, SOMESHWARNAGAR

Baramati, pune – 412306

Department of Computer Science

CERTIFICATE

This is certify that the project entitled "STUDENT RESULT MANAGEMENT SYSTEM" submitted by Miss:Adsul Dhanashree Nandkumar .In partial fulfillment of the requirement of the award of degree T.Y.Bsc(Computer Science)to Savitribai Phule Pune University,pune has been carried out by them under my guidance satisfactory during the academic year 2021-22

Place: Someshwarnagar

Date:

Jaytapr
06/06/2022

Project guide

[Signature]
5/6/22

Head of dept.

Jaytapr
09/06/2022

Internal Examiner

[Signature]
9/6/22

External Examiner



[Signature]
Principal
Someshwar Science College, Someshwarnagar

Shri Someshwar Shikshan Prasarak Mandal's
Someshwar Science College, Someshwarnagar,
Baramati, Pune – 412306.



Department of Computer Science

CERTIFICATE

This is to certify that the project entitled "Hotel Room Booking System"
submitted by **Gadadare Aniket Rajendra**. (Seat no. **8001**) in partial
fulfillment of the requirement of the award of degree **T.Y.B.Sc.(Computer
Science)** to Pune University, Pune has been carried out by them under my
guidance satisfactory during the academic year 2021-2022.

Place : Someshwarnagar

Date :

Jaytapr
11/06/2022

Jaytapr
9/06/2022

[Signature]
21/6/2022

[Signature]
21/6/2022

Project Guide

Internal Examiner

External Examiner

Head of Dept(comp.sci)



[Signature]
Principal
Someshwar Science College, Someshwarnagar