



“Dissemination of Education through Knowledge, Science and Culture”
-Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha's Kolhapur

PADMABHUSHAN DR. VASANTRAODADA PATIL
MAHAVIDYALAYA TASGAON DIST- SANGLI
416 312 (Maharashtra) Phone No: (02346)250665
(Affiliated to Shivaji University, Kolhapur)

CERTIFICATE COURSE

**Operation and Management of
Cold Storage**

Organized Under MOU by





**Department of Physics
and
Tatyashri Agrotech Cold Storage**

2020-2021

Memorandum of Understanding(MoU)

Department of Physics and Tatyashri Agrotech Cold Storage

<p>TATYASHRI AGROTECH COLD STORAGE Dist: No. 1819, Tasgaon-Sangli Road, KAVATHE-EKAND, Tal. Tasgaon, Dist. Sangli (Maharashtra) Pin-418 307 Prop. - Satish Laxman Mali Mob. 992092228, 972141689, E. Mail: satishmali2727@gmail.com</p> <p>Ref No: _____ Date: _____</p> <p>MEMORANDUM OF UNDERSTANDING (MoU)</p> <p>BETWEEN</p> <p>PADMABHUSHAN DR. VASANTRAODADA PATIL MAHAVIDYALAYA, TASGAON,</p> <p>AND</p> <p>TATYASHRI AGROTECH COLD STORAGE KAVATHE-EKAND TASGAON</p> <p>FOR</p> <p>SKILL DEVELOPMENT, OUTCOME BASED TRAININGS, PLACEMENT AND RELATED SERVICES</p> <p>Continued... Page 1</p>	<p>MEMORANDUM OF UNDERSTANDING</p> <p>This Memorandum of Understanding (MOU) is entered into on this the 15th July 2019, by and between</p> <p>Padmabhusan Dr. Vasanttraodada Patil Mahavidyalaya, Tasgaon represented here in by Prin. Dr. Milind S. Hujare</p> <p>AND</p> <p>Tatyashri Agrotech Cold Storage Kavathe-Ekand, Tasgaon and represented here in by Proprietor, Satish Laxman Mali, Tasgaon</p> <p>WHEREAS:</p> <p>A) First Party is a Higher Educational Institution named: Padmabhusan Dr. Vasanttraodada Patil Mahavidyalaya, Tasgaon.</p> <p>B) First Party and Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.</p> <p>C) The Parties intend to cooperate and focus their efforts on cooperation within area of Skill Based Training. Providing resources for conducting certificate course.</p> <p>D) Both Parties, being legal entities in themselves desire to sign this MOU for advancing their mutual interests.</p> <p>E) Tatyashri Agrotech Cold Storage Kavathe-Ekand, Tasgaon, the Second Party is engaged in Business, Manufacturing, Skill Development and Training in the field of Cold storage and related fields</p> <p>NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERETO AGREE AS FOLLOWS</p> <p>Continued... Page 2</p>	<p>CLAUSE 1 CO-OPERATION</p> <p>Both Parties are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective operations within the Institution and its related wings. The Parties shall keep each other informed of potential opportunities and shall share all information that may be relevant to secure additional opportunities for one another.</p> <p>First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities of the faculty of First Party providing significant inputs to them in developing suitable teaching / training systems, keeping in mind the needs of the industry, the Second Party.</p> <p>The general terms of co-operation shall be governed by this MOU. The Parties shall cooperate with each other and shall, as promptly as is reasonably practical, enter into all relevant agreements, deeds and documents as may be required to give effect to the actions contemplated in terms of this MOU. The terms of Definitive Documents shall be mutually decided between the Parties. Along with the Definitive Documents, this MOU shall represent the entire understanding as to the subject matter hereof and shall supersede any prior understanding between the Parties on the subject matter hereof.</p> <p>CLAUSE 2 SCOPE OF THE MoU</p> <p>The budding graduates from the institutions could play a key role in technological up gradation, innovation and competitiveness of an industry. Both parties believe that close co-operation between the two would be of major benefits to the student community to enhance their skills and knowledge.</p> <p>Curriculum Design: Second Party will give valuable inputs to the First Party in teaching / training methodology and suitably customize the curriculum so that the students fit into the industrial scenario meaningfully.</p> <p>Industrial Training & Visits: Industry and Institution interaction will give an insight in to the latest developments / requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to visit its group companies and also involve in Industrial Training Programs for the First Party. The industrial training and exposure provided to students and faculty through this association will build confidence and prepare the students to have a smooth transition from academic to working career. The Second Party will provide its Firms / Industrial Sites for the hands-on training of the learners enrolled with the First Party.</p> <p>Continued... Page 3</p>
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<p>Skill Development Programs: Second Party to train the students of First Party on the emerging technologies in order to bridge the skill gap and make them industry ready.</p> <p>Guest Lectures: Second Party to extend the necessary support to deliver guest lectures to the students of the First Party on the technology trends and in house requirements.</p> <p>Faculty Development Programs: Second Party to train the Faculties of First Party for imparting training as per the industrial requirement considering the National Occupational Standards in concerned sector, if available.</p> <p>Placement of Trained Students: Second Party will actively engage to help the delivery of the training and placement of students of the First Party into internships/jobs; and will facilitate placements.</p> <p>Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required for offering the Programmes on the terms specified here in. There is no financial commitment on the part of the, Padmabhusan Dr. Vasanttraodada Patil Mahavidyalaya, Tasgaon the First Party to take up any programme mentioned in the MoU. If there is any financial consideration, it will be dealt separately.</p> <p>CLAUSE 3 INTELLECTUAL PROPERTY</p> <p>Nothing contained in this MOU shall, by express grant, implication, Estoppel or otherwise, create in either Party any right, title, interest, or license in or to the intellectual property (including but not limited to know-how, inventions, patents, copy rights and designs) of the other Party.</p> <p>CLAUSE 4 VALIDITY</p> <p>This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period Tatyashri Agrotech Cold Storage Kavathe-Ekand Tasgaon, the Second Party, as the case may be, will take effective steps for implementation of this MOU. Any act on the part of Tatyashri Agrotech Cold Storage Kavathe-Ekand Tasgaon, the Second Party after termination of this Agreement by way of communication, correspondence etc., shall not be construed as an extension of this MOU.</p> <p>Both Parties may terminate this MOU upon 30 calendar days' notice in writing. In the event of Termination, both parties have to discharge their obligations.</p> <p>Continued... Page 4</p>	<p>CLAUSE 5 RELATIONSHIP BETWEEN THE PARTIES</p> <p>It is expressly agreed that First Party and Second Party are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership. Neither Party is authorized to use the other Party's name in any way, to make any representations or create any obligation or liability, expressed or implied, on behalf of the other Party, without the prior written consent of the other Party. Neither Party shall have, nor represent itself as having, any authority under the terms of this MOU to make agreements of any kind in the name of or binding upon the other Party, to pledge the other Party's credit, or to extend credit on behalf of the other Party.</p> <p>Any divergence or difference derived from the interpretation or application of the MoU shall be resolved by arbitration between the parties as per the Arbitration Act, 1996. The place of the arbitration shall be at District Head Quarters of the First Party. This undertaking is to be construed in accordance with Indian Law with exclusive jurisdiction in the Courts of Tasgaon.</p> <p>AGREED:</p> <p> Tatyashri Agrotech Cold Storage  Proprietor Mr. Satish Laxman Mali Proprietor Tatyashri Agrotech Cold Storage Kavathe-Ekand Tasgaon Gat No. 1819, Tasgaon-Sangli Road, Kavathe-Ekand, Tal-Tasgaon, Dist: Sangli 416307</p> <p> Padmabhusan Dr. Vasanttraodada Patil Mahavidyalaya, Tasgaon, (Sangli)  Principal Prin. Dr. Milind S. Hujare Principal Padmabhusan Dr. Vasanttraodada Patil Mahavidyalaya, Tasgaon Dattamal, Tasgaon Tal: Tasgaon, Dist: Sangli 416312</p> <p>Continued... Page 5</p>
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Department of Physics,
Padmabhushan Dr. Vasatraodada Patil
Mahavidyalaya, Tasgaon
Dist-Sangli
20/01/2021

To,
The Principal,
Padmabhushan Dr. Vasatraodada Patil Mahavidyalaya,
Tasgaon, Dist-Sangli

Subject -: Permission for conducting Certificate course - Operation and
Management of Cold Storage

Respected Sir,

The department of physics conducting Certificate course of Operation and
Management of Cold Storage from 25/01/2021.

I kindly request you to give permission for run the above said certificate
course.

Thanking you.



Yours Faithfully,



Dr. Ghodake J. S.
Head,

Department of Physics,
Padmabhushan Dr. Vasatraodada Patil
Mahavidyalaya, Tasgaon, (Dist. Sangli)

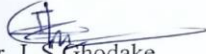
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Shri Swami Vivekanand Shikshan Sanstha Kolhapur's
Padmabhushan Dr. Vasantrodada Patil Mahavidyalaya, Tasgaon
Department of Physics


BOARD OF STUDY
2020-2021

Board of studies member in Certificate course in Operation and Management of Cold Storage are

1	Dr. J. S. Ghodake	Department of Physics, PDVP College, Tasgaon
2	Mr. Dighbar Bharati Buva	Plant Operator, Tatyashri Agrotech Cold Storage, Kavathe-Ekand Tasgaon
3	Mr. B.S. Harale	Department of Physics, PDVP College, Tasgaon
4	Mr. G. S. Pawar	Department of Physics, PDVP College, Tasgaon
5	Mr. D. S. Shinde	Department of Physics, PDVP College, Tasgaon
6	Mr. A. S. Yadav	Department of Physics, PDVP College, Tasgaon


Dr. J. S. Ghodake

Department of Physics,
Padmabhushan Dr. Vasantrodada Patil
Mahavidyalaya, Tasgaon, (Dist. Sangli)


Dr. Milind S. Hujare
Principal

Padmabhushan Dr. Vasantrodada Patil
Mahavidyalaya, Tasgaon, (Sangli)

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Shri Swami Vivekanand Shikshan Sanstha Kolhapur's
Padmabhushan Dr. Vasantrodada Patil Mahavidyalaya, Tasgaon
Department of Physics

Date 18/01/2021

MEETING NOTICE

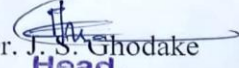
All members of the BOS in Certificate course in Operation and Management of Cold Storage are hereby informed that a meeting is convened on 20/01/2021 at 2.30 p. m. in the departmental cabin. All the respected members are requested to attend the meeting to discuss the following agenda.

Agenda:

1. Preparation of syllabus of certificate course
2. Time table and Workload
3. Syllabus distribution
4. Organization of cold storage industrial training program
5. Any other issue raised with prior permission of Chairperson.

Following members are present on this meeting.

Sr. No.	Name of the faculty	Signature
1	Dr. J. S. Ghodake	
2	Mr. Digbhar Bharati Buva	
3	Mr. B.S. Harale	
4	Mr. G. S. Pawar	
5	Mr. D. S. Shinde	
6	Mr. A. S. Yadav	






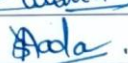

Dr. J. S. Ghodake
Head,

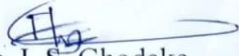
Department of Physics,
Padmabhushan Dr. Vasantrodada Patil
Mahavidyalaya, Tasgaon, (Dist. Sangli)

Minutes of Meeting

The minutes of the meeting are given below

1. During the meeting syllabus of certificate course in Operation and Management of Cold Storage was prepared. It contains theory paper of Management of Cold Storage. The responsibility of preparation of syllabus was given to Dr. J. S. Ghodake
 2. The issue regarding time table and workload distribution discussed. It has been decided to start course from January 2021. The faculty member is appointed for teaching the syllabus.
 3. During the meeting organization of cold storage industrial training program was discussed. The responsibility of organization of cold storage industrial training program is given to teacher Miss A.S. Yadav.
- Following members are present on this meeting.

Sr. No.	Name of the faculty	Signature
1	Dr. J. S. Ghodake	
2	Mr. Digbhar Bharati Buva	
3	Mr. B.S. Harale	
4	Mr. G. S. Pawar	
5	Mr. D. S. Shinde	
6	Mr. A. S. Yadav	


Dr. J. S. Ghodake
Head,
Department of Physics,
Padmabhushan Dr. Vasantrodada Patil
Mahavidyalaya, Tasgaon, (Dist. Sangli)

Aims and Objectives

Students acquire knowledge about functioning and use of electrical –electronic parts of cooling system and accessories. Also create awareness about refrigeration system. The students who completed this course are competent in cold storage system and acquire knowledge about refrigeration system.


After completion of this course students are able to operate cold storage, manage cold storage, repair and maintain cold storage systems and can get job opportunities in a commercial cold storage.

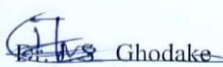
1. Testing of electrical and electronic parameters, cables.
Trouble shoot the faults in the given power supply circuits.
2. Identify electronics-electrical parts/components/modules of the cold storage.
3. Practice on handling of commodities in cold storage,
4. Handling and combination of commodities in cold storage.
5. Faults finding and rectification of refrigeration system.
6. Practice on operating systems of cold storage

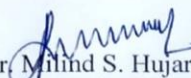
Undergraduate students upon graduation with a Bachelor degree in Sciences:

LEARNING OUTCOMES (knowledge, skills and competence):

1. Students acquire knowledge about functioning and use of electrical - electronic parts of cooling system and accessories Also create awareness about refrigeration system. The students who completed this course are competent in cold storage, manage cold storage, repair and maintain cold storage system.
2. Operate of cold storage
3. Handle of commodities in cold storage.
4. Repair and maintenance of cold storage system
5. Duration of course: One month.
6. Eligibility to course: 12th, B. A., B. Com, B.Sc.
7. Admission: Entire 12th, B. A., B. Com, B.Sc. Students.


Ms. A. S. Yadav
Co- coordinator


Dr. V. S. Ghodake
Head,
Department of Physics,
Padmabhushan Dr. Vasantrodada Patil
Mahavidyalaya, Tasgaon, (Dist. Sangli)


Dr. Milind S. Hujare
Principal
Padmabhushan Dr. Vasantrodada Patil
Mahavidyalaya, Tasgaon, (Sangli)


Evaluation System:


- **Theory paper:** **50 M**
Nature of the Theory examination
Q. 1) Multiple choice questions.
Choose the most correct alternative out of four alternatives a, b, c and d

- **Practical Course/Training program** **50 M**
Nature of Practical examination/_Training program

Oral/Viva/discussion

Certification: A certificate will be issued on successful completion of the course.


Ms. A. S. Yadav
Co- coordinator


Dr. J. S. Ghodake
Head,
Department of Physics,
Padmabhushan Dr. Vasantodada Patil
Mahavidyalaya, Tasgaon, (Dist. Sangli)


Dr. Mihnd S. Hujare
Principal

Padmabhushan Dr. Vasantodada Patil
Mahavidyalaya, Tasgaon, (Dist. Sangli)

Syllabus

Certificate course in Operation and Management of Cold Storage

Unit I Introduction of cold storage-

(08 hours)

Introduction, need of cold storage system, Thermal conductivity-low thermal conductivity materials and high thermal conductivity materials, study of effect of relative humidity, Controlling ventilation systems,

Unit II Cold storage design

(08 hours)

Types of cold storage system: Control atmosphere and cold storage, Temperature controlled cold storage, High humidity cold storage, Types of refrigeration system: Vapor absorption system, Vapor compression system

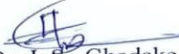
Unit III Refrigeration

(08 hours)

Principle of refrigeration, Classification of refrigeration's and their properties, Components of refrigeration and vapour compression system, Refrigeration cycle: Pressure-volume (P-V) diagram of the process, Temperature – entropy(T-s) diagram of the process, Heat load.

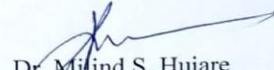


Ms. A. S. Yadav
Co- coordinator



Dr. J. S. Ghodake
Head,

Department of Physics,
Padmabhushan Dr. Vasantodada Patil
Mahavidyalaya, Tasgaon, (Dist. Sangli)



Dr. Milind S. Hujare
Principal

Padmabhushan Dr. Vasantodada Patil
Mahavidyalaya, Tasgaon, (Sangli)

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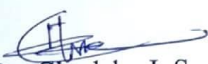
DEPARTMENT OF PHYSICS


Notice

22/01/2021

All the students of B. Sc. II are hereby informed that, lectures for certificate course in "Operation and Management of Cold Storage" will be started from 25/01/2021 as per timetable.

All students must be remain present in time.


Dr. Ghodake J. S.
Coordinator


Dr. Milind S. Hujare
Principal
Padmabhushan Dr. Vasantrodada Patil
Mahavidyalaya, Tasgaon, (Sangli)

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Padmabhushan Dr. Vasantrodada Patil Mahavidyalaya, Tasgaon (Dist.Sangli)

DEPARTMENT OF PHYSICS

Date-22/06/2021

Notice

All the B. Sc. II year students are here by informed that online lectures of certificate course in **OPERATION AND MANAGEMENT OF COLD STORAGE** will be start from 23/06/2021 as per following timetable. Online lecture link and attendance link should be provided on whatsapp group.

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Shri. Swami Vivekanand Shikshan Sanstha's
Padmabhushan Dr. Vasantrodada Patil Mahavidyalaya Tasgaon,
Sangli-416312, Maharashtra
(Affiliated to Shivaji University Kolhapur)

DEPARTMENT OF PHYSICS
2020-2021

Time Table For Certificate Course
OPERATION AND MANAGEMENT OF COLD STORAGE
B. Sc. II

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1.20 pm to 2.40 pm		Mr. B. S. Harale	Dr. J. S. Ghodake	Miss A. S. Yadav		

Miss A. S. Yadav
Teacher Incharge

Dr. Jeevan S. Ghodake
HOD

Dr. Milind S. Hujare
Principal


Dr. Jeevan S. Ghodake
Head,

Department of Physics,
Padmabhushan Dr. Vasantrodada Patil
Mahavidyalaya, Tasgaon, (Dist. Sangli)


Dr. Milind S. Hujare
Principal

Padmabhushan Dr. Vasantrodada Patil
Mahavidyalaya, Tasgaon, (Sangli)

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Shri Swami Vivekanand ShikshanSanstha, Kolhapur

PadmabhushanDr.Vasatraodada Patil MahavidyalayaTasgaonDist-Sangli

Department of Physics

Certificate Course in

OPERATION AND MANAGEMENT OF COLD STORAGE

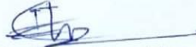
Time Table

2019-2020

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8.00am-11.00am					Practical/ Training program	
10.00am-11.00am	Theory	Theory	Theory			



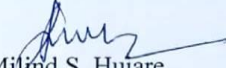
Ms. A. S. Yadav
Co- coordinator



Dr. J. S. Ghodake

Head,

Department of Physics,
Padmabhushan Dr. Vasatraodada Patil
Mahavidyalaya, Tasgaon, (Dist. Sangli)



Dr. Milind S. Hujare

Principal

Padmabhushan Dr. Vasatraodada Patil
Mahavidyalaya, Tasgaon, (Sangli)

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Shri Swami Vivekanand ShikshanSanstha, Kolhapur

PadmabhushanDr.Vasatraodada Patil MahavidyalayaTasgaonDist-Sangli

Department of Physics

Certificate Course in Operation and Management of Cold Storage

List of Students 2020-2021

B. Sc. II

Timestamp	Name of the student	Permanent address.	Contact Number.
2021/06/25 12:15:56 PM GMT+5:30	Patil Jyoti Ravasaheb	At Post Kanchanpur, Tal. Miraj, Dist. Sangli-416306	8459003386
2021/06/25 12:15:58 PM GMT+5:30	Thoravat Shweta Rajesh	A/P Kanchanpur, Tal - Miraj Dist - Sangli	7822096232
2021/06/25 12:16:09 PM GMT+5:30	Jadhav Rutuja Dhanaji	A/P Kanchanpur Tal-Miraj Dist-Sangli	8421432175
2021/06/25 12:18:37 PM GMT+5:30	WAGH VARSHALI ARUN	A/p aravade. tal/tasgaon. Dist. sangli	9665824931
2021/06/25 12:21:20 PM GMT+5:30	Rutuja Ramesh Patil	A/p Gavhan, Tal- Tasgaon, Dist-sangli.	9028243729
2021/06/25 12:21:27 PM GMT+5:30	Patil Shreya Sarjerao	At Post Limb Tal-Tasgaon Dist-Sangli	8459698283
2021/06/25 12:24:37 PM GMT+5:30	Pol shubham sunil	Manjarde	9168783814
2021/06/25 12:26:38 PM GMT+5:30	Patil Hanmant Dinkar Dnyaneshwar	A/P Nagaon (ni) Tal-Tasgaon , Dist- Sangli	7391859646
2021/06/25 12:27:05 PM GMT+5:30	Patil Udaykumar Uttam	A/p. Dhavali Tal. Tasgaon Dist. Sangli	8421121166
2021/06/25 12:27:36 PM GMT+5:30	Kadam snehal Mohan	A/P Kumathe , Tal-Tasgaon Dist-Sangli	9356814996
2021/06/25 12:30:29 PM GMT+5:30	Patil Rohan Manik	A/p Manjarde , Tal- Tasgaon , Dist- Sangli	9284891116
2021/06/25 12:30:43 PM GMT+5:30	Jadhav Dipak Dattajirao	At - Rasulwadi	7517710920
2021/06/25 12:37:29 PM GMT+5:30	Koshti Kartiki Uday	A/p hatnur Tal-Tasgoan Dist- Sangli	8850841185
2021/06/25 12:41:13 PM GMT+5:30	Sakshi Pandit Patil.	Tukai mala, A/P kavalapur	9970061716
2021/06/25 12:43:10 PM GMT+5:30	Shinde Sourabh Ganesh	A/P : Bhilawadi, Tal :Palus, Dist : Sangli.	8600868560
2021/06/25 1:08:57 PM GMT+5:30	Shubham Sadashiv Thorwat	A/P Arwade	9022741608
2021/06/25 1:10:06 PM GMT+5:30	Vaibhav prafull pawar	A t kumathe tal tasgoan dist sangli	7757888418
2021/06/25 1:22:47 PM GMT+5:30	Saravade Roshan ChandraKant	A/P . Gavhan, Tal. Tasgaon, Dist. Sangali	7410116459
2021/06/25 1:23:10 PM GMT+5:30	Anurag Rajesh Chavan	Near HP Gas Factory Bhilawadi Station	9834960075
2021/06/25 1:24:13 PM GMT+5:30	Shinde Dhanashri Vilas	A/P - Balagavde Tal - Tasgaon Dist - Sangli	9730454160
2021/06/25 1:25:17	Desai Anjali Dinkar	A/P-Dhavali, Tal-	9579432422

PM GMT+5:30		Tasgaon, Dist-Sangli.	
2021/06/25 2:08:18 PM GMT+5:30	Parth Sarjerao Thorat	A/P - Borgaon, Tal - Tasgaon, Dist - Sangli	8767334178
2021/06/25 2:19:11 PM GMT+5:30	Rohit Mahadev Lokhande	A/P Hatnur	7385855006
2021/06/25 2:30:47 PM GMT+5:30	NARUTE ABHISHEK SHAMRAO	AT TURCHI TAL TASGAON DIST SANGLI MAHARASHTRA	9011923950
2021/06/25 2:52:05 PM GMT+5:30	Vikram Gunda Hankare	A.p. Savalaj Tal. Tasgaon Dist. Sangli	9011925286
2021/06/25 3:02:04 PM GMT+5:30	Mohite Mayuri Abaso	A/P:Manjarde , Tal:Tasgaon , Dist:Sangli.	9404490755
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DEPARTMENT OF PHYSICS

CERTIFICATE COURSE IN
Operation and Management of Cold Storage

Dr. JEEVAN S. GHODAKE
 M.Sc. Ph. D.
 Department of Physics
 Padmabhushan Dr. Vasantrodada Patil Mahavidyalaya Tasgaon

DEPARTMENT OF PHYSICS, POVP COLLEGE
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- Akshada Shendage
- AD Anjali Desai
- D Dhanashri
- DJ Dipak jadhav
- DS Divya Salunkhe
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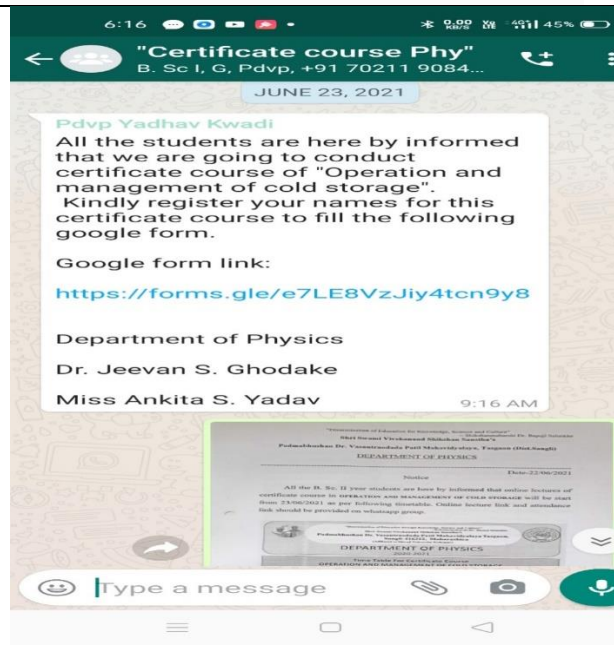
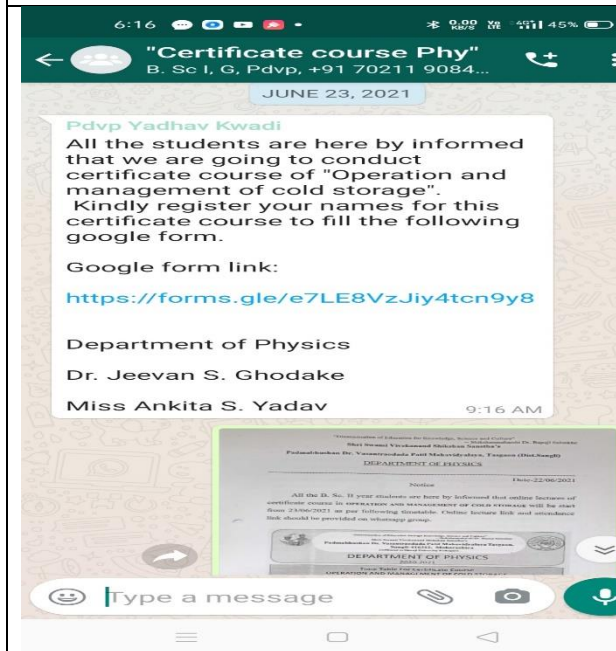
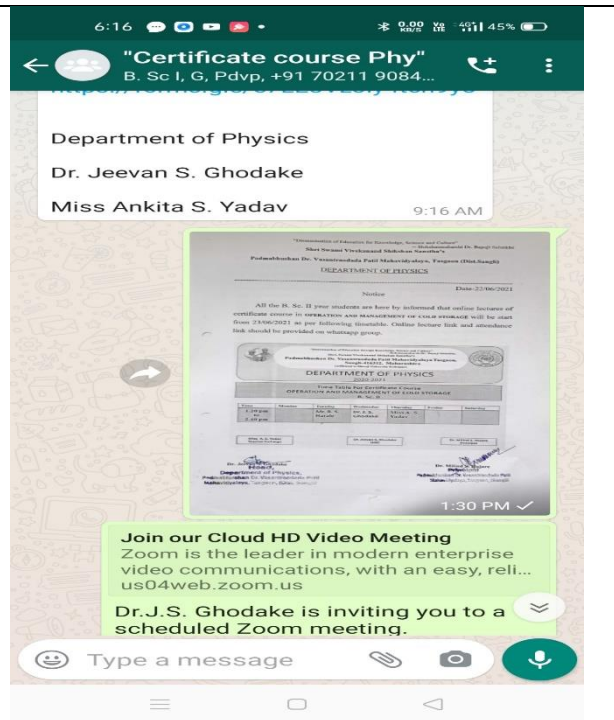
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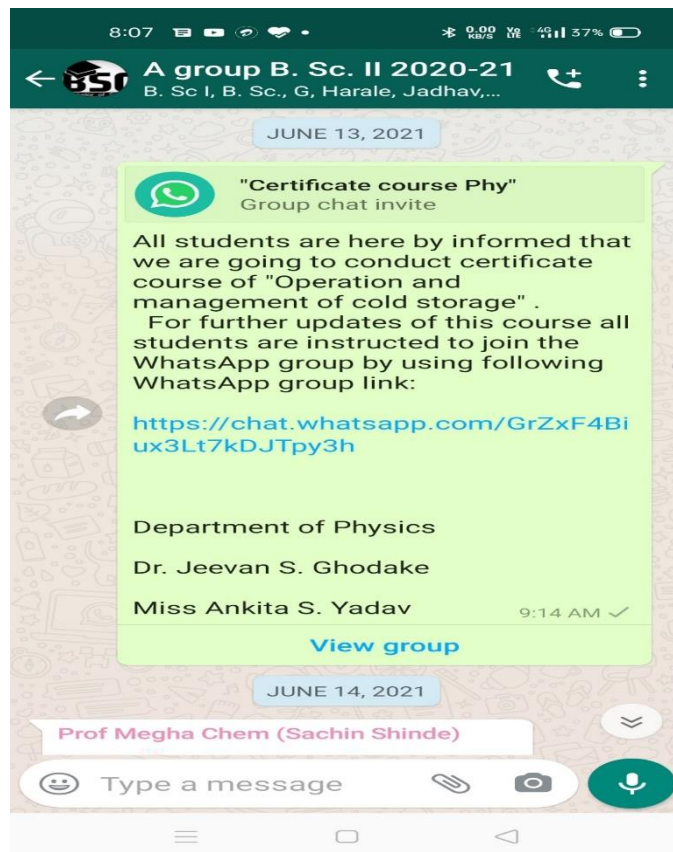
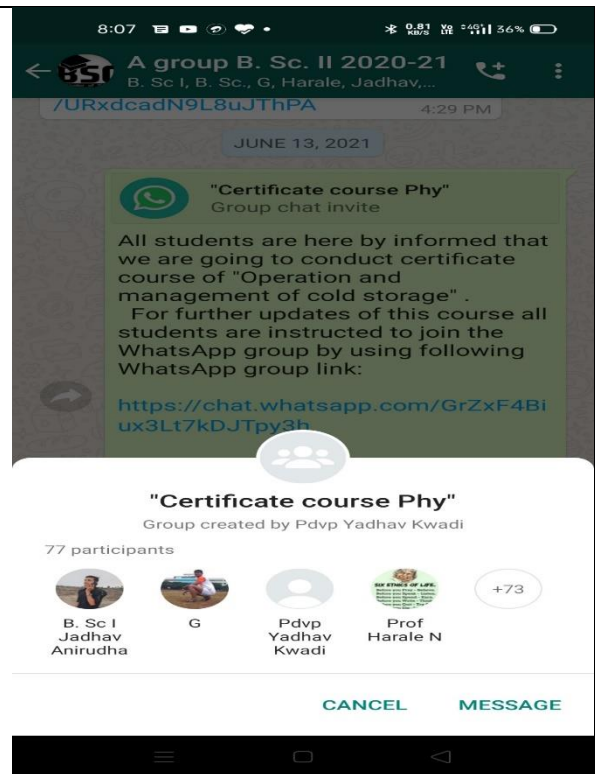
Dr. J. S. Ghodake 1:32 PM ✓

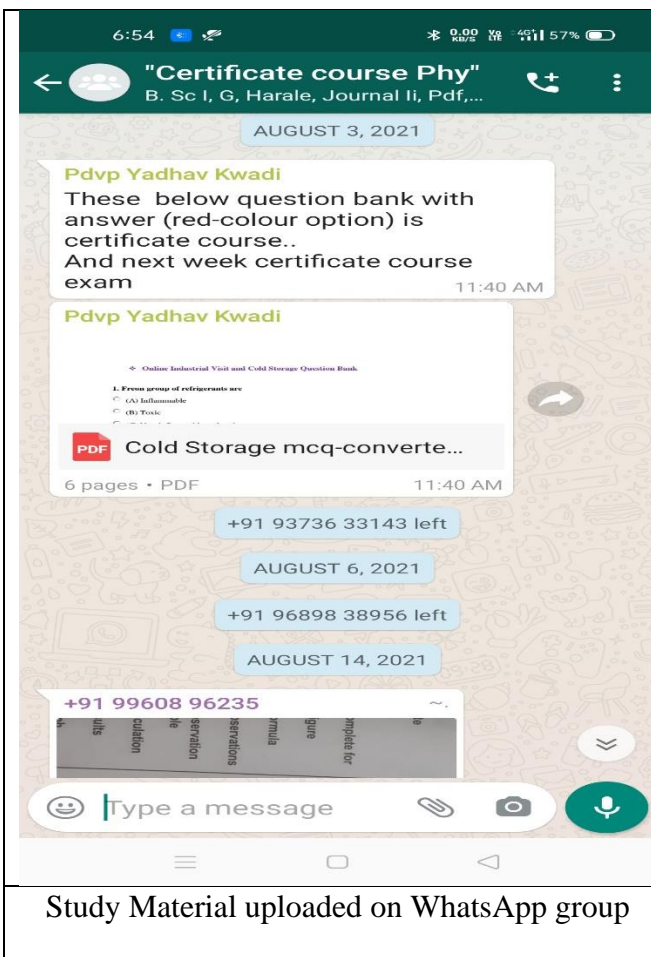
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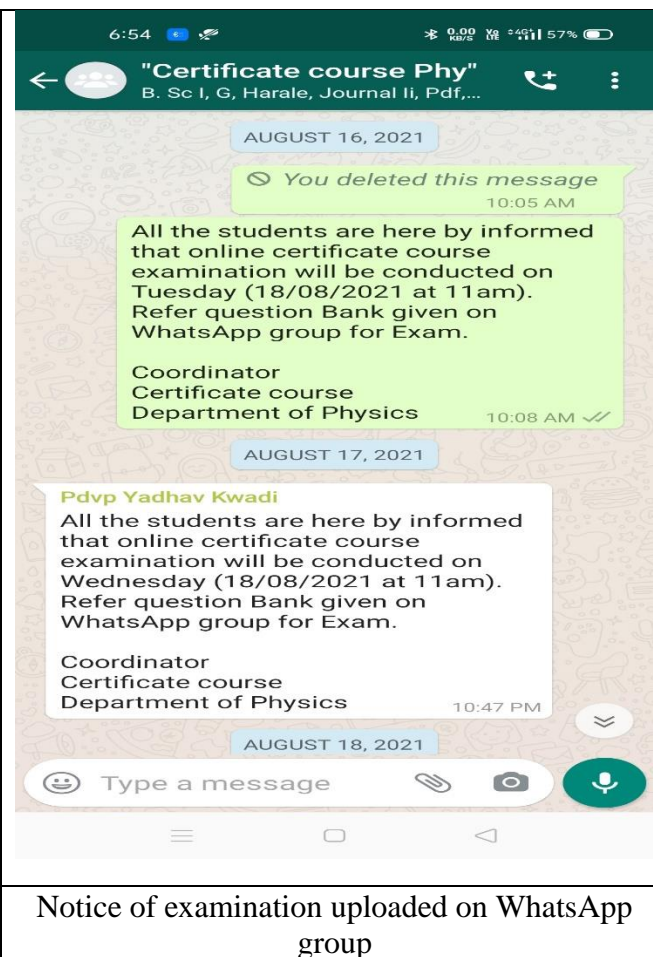
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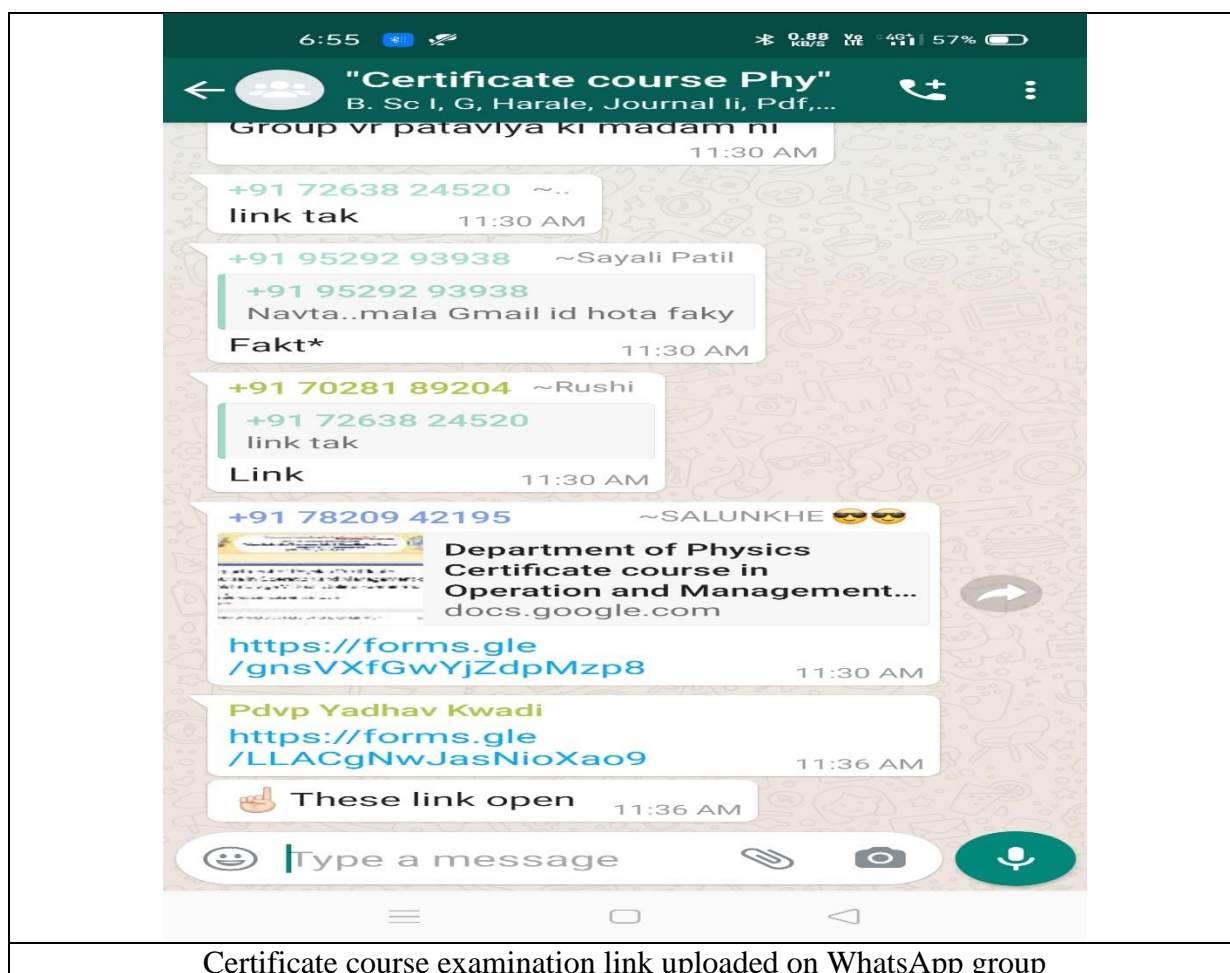




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Marksheet

Timestamp	Total score	Name of student	Roll no.
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Certificate



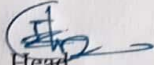
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CERTIFICATE

This is to certify that Mr./Ms. Rutuja Ramesh Patil
Class B. Sc. II has successfully completed the certificate course
in Operation and Management of Cold Storage
conducted by the department of Physics during
the academic year 2020-2021


Head

Head,
Department of Physics,
Padmabhushan Dr. Vasantrodada Patil
Mahavidyalaya, Tasgaon, (Dist. Sangli)


Coordinator


Principal

Principal
Padmabhushan Dr. Vasantrodada Patil
Mahavidyalaya, Tasgaon, (Sangli)


Dr. Ghodake J. S.
Head,

Head,
Department of Physics,
Padmabhushan Dr. Vasantrodada Patil
Mahavidyalaya, Tasgaon, (Dist. Sangli)