

**VASANTDADA SUGAR INSTITUTE
NOTICE
MSc WBAT (SEM -I)**

Date: 17 September, 2018

Dear Students

This is to inform that Department of Alcohol Technology & Biofuels is arranging short term course on "Maturation of spirit".

Eligibility: All admitted students of MSc WBAT -Semester I.

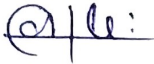
Course Fee: The short term course is free of cost

Duration: 30 hours

Start date: 03rd October 2018

The interested students can enroll their names to Mr. V. P. Ghule, Course Co-ordinator up to 21 September, 2018

Certificate will be issued to the students who has successfully completed the course.



**V. P. Ghule
Course coordinator**



**D. B. Ghule
Principal**

Principal
Vasantdada Sugar Institute
Manjari (Bk.), Tal. Haveli,
Dist. Pune - 412 307

**VASANTDADA SUGAR INSTITUTE
DEPARTMENT OF ALCOHOL TECHNOLOGY & BIOFUELS
SHORT TERM COURSE ON
"Maturation Of Spirit"**

Eligible students: MSc WBAT (SEM -I)

Eligibility: All admitted students of MSc WBAT -Semester I.

Course Fee : The short term course is free of cost

Duration: 30 hours

Start date: 03 October 2018 to 03 November 2018

Objectives

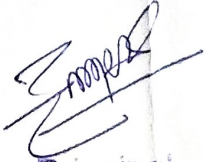
- **To study the maturation practices of spirit**
- **To study the principles of spirit maturation**
- **Precaution during spirit maturation**

Outcome:

After completion of the short-term course on "Maturation Of Spirit", the students may get consequence about the maturation of spirit. This will be informative to the students for maturation practices conducted in the liquor and beverage industries.

Course co-ordinator: Mr. V. P. Ghule




Principal
Vasantdada Sugar Institute
Manjari (Bk.), Tal. Haveli,
Dist. Pune - 412 307



VASANTDADA SUGAR INSTITUTE
Manjari (Bk), Pune- 412307, Maharashtra

Title of Course	Maturation of spirit	Course duration	30 Hours
Name of Co-coordinator	Mr. V. P. Ghule Department of Alcohol Tech. & Biofuels	Contact No	0202602350

Objectives

- To study the maturation practices of spirit
- To study the principles of spirit maturation
- Precaution during spirit maturation

Syllabus	No. of lectures/Hours
▪ Various terms and definitions involved in maturation	3
▪ Basic principles of maturation of spirit	10
▪ Physicochemical properties of oak wood	
▪ Types of barrels	
▪ Introduction on Making of barrels	
▪ Physicochemical properties of spirit after maturation	3
▪ GC profile of matured spirit (Practical)	3(p)
▪ Sensory evolution of matured spirit with respect to un matured spirit	3
▪ Precaution during maturation of spirit	3
▪ Time profile for maturation of spirit	2
▪ Demonstration of oak wood cask (Practical)	3(p)
	Total hours: 30

Outcome:

After completion of the short-term course on "Maturation of Spirit," the students may get consequence about the maturation of spirit. This will be informative to the students for maturation practices conducted in the liquor and beverage industries.

Course coordinator



Principal

Vasantdada Sugar Institute
Manjari (Bk), Tal. Haveli,
Dist. Pune - 412 307

VASANTDADA SUGAR INSTITUTE
DEPARTMENT OF ALCOHOL TECHNOLOGY & BIOFUELS
Course Design
Title: Maturation of spirit

Objectives

- To study the maturation practices of spirit
- To study the principles of spirit maturation
- Precaution during spirit maturation
- To develop employability skill & entrepreneurship among the students

Syllabus	No. of lectures/Hours	Date
▪ Various terms and definitions involved in maturation	3	3/10/2018 to 05/10/2018
▪ Basic principles of maturation of spirit ▪ Physicochemical properties of oak wood ▪ Types of barrels ▪ Introduction on Making of barrels	12	6/10/2018 to 22/10/2018
▪ Physicochemical properties of spirit after maturation	3	23/10/2018 to 25/10/2018
▪ GC profile of matured spirit (Practical)	3	26/10/2018
▪ Sensory aspects of matured spirit (Practical)	3	29/10/2018
▪ Precaution during maturation of spirit	3	30/10/2018
▪ Time profile for maturation of spirit	2	01/11/2018 to 02/11/2018
▪ Demonstration of oak wood cask (Practical)	1	03/11/2018
▪	Total hours: 30	

Outcome:

After completion of the short-term course on "Maturation of Spirit", the students may get consequence about the maturation of spirit. This will be informative to the students for maturation practices conducted in the liquor and beverage industries.

(Signature)

Course co-ordinator



(Signature)

Principal

Principal
Vasantdada Sugar Institute
 Manjari (Bk.), Tal. Haveli,
 Dist. Pune - 412 307



VASANTDADA SUGAR INSTITUTE

Manjari (Bk), Pune- 412307, Maharashtra

VASANTDADA SUGAR INSTITUTE MSc WBAT (SEM -I)

Title of the short term course: "Maturation of Spirit".

Duration Of course: 30 Hours, 03 October, 2018 To 03 November 2018

Department of Alcohol Technology & Biofuels has organized short term course on "Maturation of spirit" for the students of MSc WBAT -Semester I. The course duration was 30 hours. The course was conducted during 03 October 2018 To 03 November 2018. The course was focused on and informed to the students regarding importance of maturation, principles and precaution during maturation.

The course was inaugurated by Mr. D. B. Ghule, Principal. They have highlighted the syllabus to be covered during course. They have given importance of this course to the students.

During the course the students were get knowledge regarding Basic principles of maturation of spirit, Physicochemical properties of oak wood, Types of barrels, Introduction on Making of barrels, Physicochemical properties of spirit after maturation, Sensory aspects of matured spirit, Precaution during maturation of spirit, Time profile for maturation of spirit, etc,

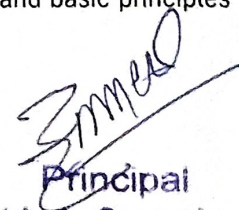
Also practical's on Sensory evaluation of matured spirit, GC profile of matured spirit and demonstration of oak wood cask were covered during the course.

The lectures were given by Mr. D. A. Patil & Mr. V. P. Ghule. The practicals were covered by N M Naik. Mr. V. P. Ghule has overall coordinated the course.

Total 24 students were enrolled for this course. The course was assessed by way of home assignment and oral. However, 21 students were successfully completed the course. The successfully completed students were given certificate of participation by the hand of Principal, VSI.

Outcome of course: Students gain the knowledge of Maturation of spirit and basic principles behind Maturation as well as precaution to be taken during maturation.




Principal
Vasantdada Sugar Institute
Manjari (Bk.), Tal. Haveli,
Dist. Pune - 412 307



VASANTDADA SUGAR INSTITUTE
Manjari Bk. Tal. Haveli, Dist. Pune, Maharashtra, India.



DEPARTMENT OF ALCOHOL TECHNOLOGY AND
BIOFUELS

Certificate

This is to certify that Mr./Ms./Mrs. _____ From _____
has actively participated and successfully completed with grade in the Add-on Course based
on '*Maturation of Spirit*' held between 03/10/2018 and 03/11/2018 (30 hours) organized by
Department of Alcohol Technology & Biofuels Manjari Bk. Tal. Haveli, Dist. Pune.

Date:

Place: Manjari, Pune.


Course Coordinator




Principal

Principal
Vasantdada Sugar Institute
Manjari (Bk.), Tal. Haveli,
Dist. Pune - 412 307



VASANTDADA SUGAR INSTITUTE

Manjari (Bk), Pune- 412307, Maharashtra

Name of Course: Maturation of spirit

Academic Year: 2018-19

Department Name: Alcohol Technology & Biofuels

Duration from to: 03 October 2018 to 03 November 2018

Name of coordinator: V. P. Ghule

Course duration: 30 Hours,


Sr. No	Roll Number	Name of Student	Class	Signature
1.	WT201801	IGOR IVAN ISAAC	I	
2.	WT201802	NANAWARE OMKAR RAJU	I	
3.	WT201803	PARAB PRANIL RAMAKANT	I	
4.	WT201804	GUND ROHIT ADINATH	I	
5.	WT201805	NIKAM MAYUR RAMAKANT	I	
6.	WT201806	CHAVANKE RAJESHWARI MAHENDRA	I	
7.	WT201807	POKHARKAR SUPRIYA SHIVAJI	I	
8.	WT201808	GARUD SANI SHAHAJI	I	
9.	WT201809	SHINDE AKSHAY SUBHASH	I	
10.	WT201810	WANGIKAR NANDAKISHOR SATISH	I	
11.	WT201811	PARSEKAR SANTOSH MAHESH	I	
12.	WT201812	SHINDE MRUNALI Sampatrao	I	
13.	WT201813	CHINDHE ABHIJEET SUDHAKAR	I	
14.	WT201814	PATIL NEELKANTH PITAMBAR	I	
15.	WT201815	BANE SHRAVAISH GANPAT	I	
16.	WT201816	KALE SWAPNIL ARUN	I	
17.	WT201817	SATHE LATIN BABASAHEB	I	
18.	WT201818	TAGAD AKSHAY VIJAY	I	
19.	WT201819	VAHIL SHUBHAM ANIL	I	
20.	WT201820	KADAM SUPRIYA SANJAY	I	
21.	WT201821	HEGADE AISHWARYA SANJAY	I	
22.	WT201822	VETAL AMOL SAMBHAJI	I	
23.	WT201823	UKIRDE ABHISHEK KALYANRAO	I	
24.	WT201824	JAMES JOSEPH	I	

V. P. Ghule
Course Coordinator



D. B. Principal
Vasantdada Sugar Institute
Manjari (Bk.), Tal. Haveli,
Dist. Pune - 412 307

ROLL NO	NAME OF STUDENT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	marks	Assig n.		
WT201813	CHINDHE ABHIJEET SUDHAKAR	✓ CAS	CAS	CAS	CAS	CAS	CAS	CAS	A	CAS	CAS	A	CAS	CAS	CAS	CAS	CAS	CAS	CAS	A	CAS	CAS	CAS	A	CAS	CAS	CAS	CAS	CAS	CAS	CAS	60	33		
WT201814	PATIL NEELKANTH PITAMBAR	✓ PD	PD	PD	PD	PD	PD	PD	PD	PD	A	PD	PD	PD	A	PD	PD	PD	A	A	PD	PD	PD	PD	PD	PD	PD	PD	A	PD	PD	50	30		
WT201815	BANE SHRAVAISH GANPAT	✓ SH	SH	SH	A	SH	SH	SH	A	SH	SH	SH	SH	SH	SH	SH	SH	A	SH	SH	A	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	55	28		
WT201816	KALE SWAPNIL ARUN	-----															A	B	-----										00	00					
WT201817	SATHE LATIN BABASAHEB	✓ B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	A	A	B	A	A	B	B	45	32	
WT201818	TAGAD AKSHAY VIJAY	✓ AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	A	A	AD	AD	AD	AD	A	A	AD	A	AD	AD	A	AD	AD	AD	AD	AD	AD	AD	64	35	
WT201819	VAHIL SHUBHAM ANIL	✓ SH	A	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	A	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	A	A	SH	SH	38	33		
WT201820	KADAM SUPRIYA SANJAY	✓ S	S	S	S	A	S	S	S	S	S	S	S	S	A	S	S	S	A	S	S	S	S	S	S	S	A	S	S	S	S	S	52	30	
WT201821	HEGADE AISHWARYA SANJAY	X	H	H	H	-----															A	B	-----										A	00	00
WT201822	VETAL AMOL SAMBHAJI	✓ A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	38	28	
WT201823	UKIRDE ABHISHEK KALYANRAO	✓ UAK	UAK	UAK	UAK	UAK	UAK	A	UAK	A	UAK	UAK	A	UAK	A	UAK	UAK	UAK	UAK	UAK	A	UAK	UAK	UAK	UAK	A	UAK	UAK	UAK	UAK	UAK	42	35		
WT201824	JAMES JOSEPH	✓ J	J	J	J	J	J	A	A	J	J	J	J	J	A	J	J	J	J	J	J	J	J	J	J	A	J	J	J	J	J	J	44	32	
Teacher's Signature		J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J			

Coordinator: 



Principal
Vasantdada Sugar Institute
 Manjari (Bk), Tal. Haveli,
 Dist. Pune - 412 307



VASANTDADA SUGAR INSTITUTE
Manjari Bk. Tal. Haveli, Dist. Pune, Maharashtra, India.

**DEPARTMENT OF ALCOHOL TECHNOLOGY AND
BIOFUELS**



Certificate

This is to certify that Mr./Ms./Mrs. Igor Ivan Isaac From M.sc W B A T has actively participated and successfully completed with grade in the Add-on Course based on 'Maturation of Spirit' held between 03/10/2018 and 03/11/2018 (30 hours) organized by Department of Alcohol Technology & Biofuels Manjari Bk. Tal. Haveli, Dist. Pune.

Date: **3rd Nov 2018**.

Place: Manjari, Pune.

Course Coordinator



Principal
Principal

Vasantdada Sugar Institute
Manjari (Bk.), Tal. Haveli,
Dist. Pune - 412 307



VASANTDADA SUGAR INSTITUTE

Manjari Bk. Tal. Haveli, Dist. Pune, Maharashtra, India.

DEPARTMENT OF ALCOHOL TECHNOLOGY AND BIOFUELS



Certificate

This is to certify that Mr./Ms./Mrs. Nanaware Omkar Raju From M.sc WBA.T has actively participated and successfully completed with grade in the Add-on Course based on 'Maturation of Spirit' held between 03/10/2018 and 03/11/2018 (30 hours) organized by Department of Alcohol Technology & Biofuels Manjari Bk. Tal. Haveli, Dist. Pune.

Date: 3rd Nov 2018

Place: Manjari, Pune.

Course Coordinator



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**DEPARTMENT OF ALCOHOL TECHNOLOGY AND
BIOFUELS**



Certificate

This is to certify that Mr./Ms./Mrs. Parab Pranil Ramakant From M.sc WBAT has actively participated and successfully completed with grade in the Add-on Course based on 'Maturation of Spirit' held between 03/10/2018 and 03/11/2018 (30 hours) organized by Department of Alcohol Technology & Biofuels Manjari Bk. Tal. Haveli, Dist. Pune.

Date: 3rd Nov 2018.

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Dist. Pune - 412 307



VASANTDADA SUGAR INSTITUTE

Manjari Bk. Tal. Haveli, Dist. Pune, Maharashtra, India.

DEPARTMENT OF ALCOHOL TECHNOLOGY AND BIOFUELS



Certificate

This is to certify that Mr./Ms./Mrs. Gund Rohit Adinath From M.sc. W.B.A. T. has actively participated and successfully completed with grade in the Add-on Course based on 'Maturation of Spirit' held between 03/10/2018 and 03/11/2018 (30 hours) organized by Department of Alcohol Technology & Biofuels Manjari Bk. Tal. Haveli, Dist. Pune.

Date: **3rd Nov 2018**

Place: Manjari, Pune.

Course Coordinator



Principal

Vasantdada Sugar Institute

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Manjari Bk. Tal. Haveli, Dist. Pune, Maharashtra, India.

DEPARTMENT OF ALCOHOL TECHNOLOGY AND BIOFUELS



Certificate

This is to certify that Mr./Ms./Mrs. Nikam Mayur Ramkant From M.sc W.B.A.T. has actively participated and successfully completed with grade in the Add-on Course based on 'Maturation of Spirit' held between 03/10/2018 and 03/11/2018 (30 hours) organized by Department of Alcohol Technology & Biofuels Manjari Bk. Tal. Haveli, Dist. Pune.

Date: 3rd Nov 2018.

Place: Manjari, Pune.

Course Coordinator



Principal
Principal

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Dist. Pune - 412 307



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Manjari Bk. Tal. Haveli, Dist. Pune, Maharashtra, India.

DEPARTMENT OF ALCOHOL TECHNOLOGY AND BIOFUELS



Certificate

This is to certify that Mr./Ms./Mrs. chanke Rajeshwari Mahendra. From M.sc. W.B.A.T has actively participated and successfully completed with grade in the Add-on Course based on 'Maturation of Spirit' held between 03/10/2018 and 03/11/2018 (30 hours) organized by Department of Alcohol Technology & Biofuels Manjari Bk. Tal. Haveli, Dist. Pune.

Date: 3rd Nov 2018 .

Place: Manjari, Pune.

Course Coordinator



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VASANTDADA SUGAR INSTITUTE
Manjari Bk. Tal. Haveli, Dist. Pune, Maharashtra, India.
**DEPARTMENT OF ALCOHOL TECHNOLOGY AND
BIOFUELS**



Certificate

This is to certify that Mr./Ms./Mrs. Pokharkar Supriya Shivaji From M.sc. W.B.A.T has actively participated and successfully completed with grade in the Add-on Course based on 'Maturation of Spirit' held between 03/10/2018 and 03/11/2018 (30 hours) organized by Department of Alcohol Technology & Biofuels Manjari Bk. Tal. Haveli, Dist. Pune.

Date: 3rd Nov 2018

Place: Manjari, Pune.

Course Coordinator



Principal

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Dist. Pune - 412 307



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DEPARTMENT OF ALCOHOL TECHNOLOGY AND BIOFUELS



Certificate

This is to certify that Mr./Ms./Mrs. Farud Sani Shahaji From M.sc. W.B. A. T. has actively participated and successfully completed with grade in the Add-on Course based on 'Maturation of Spirit' held between 03/10/2018 and 03/11/2018 (30 hours) organized by Department of Alcohol Technology & Biofuels Manjari Bk. Tal. Haveli, Dist. Pune.

Date: 3rd Nov 2018.

Place: Manjari, Pune.

Course Coordinator



Principal

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Dist. Pune - 412 307



VASANTDADA SUGAR INSTITUTE
Manjari Bk. Tal. Haveli, Dist. Pune, Maharashtra, India.
**DEPARTMENT OF ALCOHOL TECHNOLOGY AND
BIOFUELS**



Certificate

This is to certify that Mr./Ms./Mrs. Shinde Akshay Subhash From M.sc. W.B.A.T. has actively participated and successfully completed with grade in the Add-on Course based on 'Maturation of Spirit' held between 03/10/2018 and 03/11/2018 (30 hours) organized by Department of Alcohol Technology & Biofuels Manjari Bk. Tal. Haveli, Dist. Pune.

Date: 3rd Nov 2018 .

Place: Manjari, Pune.

Course Coordinator



Principal
Principal

Vasantdada Sugar Institute
Manjari (Bk.), Tal. Haveli,
Dist. Pune - 412 307



VASANTDADA SUGAR INSTITUTE

Manjari Bk. Tal. Haveli, Dist. Pune, Maharashtra, India.

DEPARTMENT OF ALCOHOL TECHNOLOGY AND
BIOFUELS



Certificate

This is to certify that Mr./Ms./Mrs. Wangikar Nandakishor Satish From M.sc.W.B.A.T. has actively participated and successfully completed with grade in the Add-on Course based on 'Maturation of Spirit' held between 03/10/2018 and 03/11/2018 (30 hours) organized by Department of Alcohol Technology & Biofuels Manjari Bk. Tal. Haveli, Dist. Pune.

Date: 3rd Nov 2018

Place: Manjari, Pune.

Course Coordinator



Principal

Vasantdada Sugar Institute

Manjari (Bk.), Tal. Haveli,

Dist. Pune - 412 307



VASANTDADA SUGAR INSTITUTE
Manjari Bk. Tal. Haveli, Dist. Pune, Maharashtra, India.
**DEPARTMENT OF ALCOHOL TECHNOLOGY AND
BIOFUELS**



Certificate

This is to certify that Mr./Ms./Mrs. Shinde Mrunali Sampatma From M.sc. W.B.A.T. has actively participated and successfully completed with grade in the Add-on Course based on 'Maturation of Spirit' held between 03/10/2018 and 03/11/2018 (30 hours) organized by Department of Alcohol Technology & Biofuels Manjari Bk. Tal. Haveli, Dist. Pune.

Date: **3rd Nov 2018**

Place: Manjari, Pune.

Course Coordinator



Principal

Vasantdada Sugar Institute

Manjari (Bk.), Tal. Haveli,

Dist. Pune - 412 307



VASANTDADA SUGAR INSTITUTE
Manjari Bk. Tal. Haveli, Dist. Pune, Maharashtra, India.

**DEPARTMENT OF ALCOHOL TECHNOLOGY AND
BIOFUELS**



Certificate

This is to certify that Mr./Ms./Mrs. chindhe Abhijeet Sudhakar From M.sc.W.B.A.T has actively participated and successfully completed with grade in the Add-on Course based on 'Maturation of Spirit' held between 03/10/2018 and 03/11/2018 (30. hours) organized by Department of Alcohol Technology & Biofuels Manjari Bk. Tal. Haveli, Dist. Pune.

Date: 3rd Nov 2018 .

Place: Manjari, Pune.

Course Coordinator



Principal

Vasantdada Sugar Institute
Manjari (Bk.), Tal. Haveli,
Dist. Pune - 412 307



VASANTDADA SUGAR INSTITUTE
Manjari Bk. Tal. Haveli, Dist. Pune, Maharashtra, India.

**DEPARTMENT OF ALCOHOL TECHNOLOGY AND
BIOFUELS**



Certificate

This is to certify that Mr./Ms./Mrs. Patil Neelkanth Pitambar. From M.sc. W.B.A.T. has actively participated and successfully completed with grade in the Add-on Course based on 'Maturation of Spirit' held between 03/10/2018 and 03/11/2018 (30 hours) organized by Department of Alcohol Technology & Biofuels Manjari Bk. Tal. Haveli, Dist. Pune.

Date: 3rd Nov 2018

Place: Manjari, Pune.

Course Coordinator



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Vasantdada Sugar Institute
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Dist. Pune - 412 307



VASANTDADA SUGAR INSTITUTE
Manjari Bk. Tal. Haveli, Dist. Pune, Maharashtra, India.

**DEPARTMENT OF ALCOHOL TECHNOLOGY AND
BIOFUELS**



Certificate

This is to certify that Mr./Ms./Mrs. Bane Shravaish Ganpat . From M.sc. W.B.A.T. has actively participated and successfully completed with grade in the Add-on Course based on 'Maturation of Spirit' held between 03/10/2018 and 03/11/2018 (30 hours) organized by Department of Alcohol Technology & Biofuels Manjari Bk. Tal. Haveli, Dist. Pune.

Date: 3rd Nov 2018 .

Place: Manjari, Pune.

Course Coordinator



Principal

Principal

Vasantdada Sugar Institute

Manjari (Bk.), Tal. Haveli,

Dist. Pune - 412 307



VASANTDADA SUGAR INSTITUTE
Manjari Bk. Tal. Haveli, Dist. Pune, Maharashtra, India.
**DEPARTMENT OF ALCOHOL TECHNOLOGY AND
BIOFUELS**



Certificate

This is to certify that Mr./Ms./Mrs. Sathe Latin Babasaheb From Msc. W.B.A.T. has actively participated and successfully completed with grade in the Add-on Course based on 'Maturation of Spirit' held between 03/10/2018 and 03/11/2018 (30 hours) organized by Department of Alcohol Technology & Biofuels Manjari Bk. Tal. Haveli, Dist. Pune.

Date: 5th Nov 2018 .

Place: Manjari, Pune.

Course Coordinator



Principal
Principal

Vasantdada Sugar Institute
Manjari (Bk.), Tal. Haveli,
Dist. Pune - 412 307



VASANTDADA SUGAR INSTITUTE

Manjari Bk. Tal. Haveli, Dist. Pune, Maharashtra, India.

DEPARTMENT OF ALCOHOL TECHNOLOGY AND BIOFUELS



Certificate

This is to certify that Mr./Ms./Mrs. Tagad Akshay Vijay From M.sc. W.B.A. I. has actively participated and successfully completed with grade in the Add-on Course based on 'Maturation of Spirit' held between 03/10/2018 and 03/11/2018 (30 hours) organized by Department of Alcohol Technology & Biofuels Manjari Bk. Tal. Haveli, Dist. Pune.

Date: 3rd Nov 2018.

Place: Manjari, Pune.

Course Coordinator



Principal

Vasantdada Sugar Institute

Manjari (Bk.), Tal. Haveli,

Dist. Pune - 412 307



VASANTDADA SUGAR INSTITUTE
Manjari Bk. Tal. Haveli, Dist. Pune, Maharashtra, India.

**DEPARTMENT OF ALCOHOL TECHNOLOGY AND
BIOFUELS**



Certificate

This is to certify that Mr./Ms./Mrs. Yahil Shubham Anil From M.sc. W.B.A.T. has actively participated and successfully completed with grade in the Add-on Course based on 'Maturation of Spirit' held between 03/10/2018 and 03/11/2018 (30 hours) organized by Department of Alcohol Technology & Biofuels Manjari Bk. Tal. Haveli, Dist. Pune.

Date: 3rd Nov 2018.

Place: Manjari, Pune.

Course Coordinator



Principal
Principal

Vasantdada Sugar Institute
Manjari (Bk.), Tal. Haveli,
Dist. Pune - 412 307



VASANTDADA SUGAR INSTITUTE
Manjari Bk. Tal. Haveli, Dist. Pune, Maharashtra, India.

**DEPARTMENT OF ALCOHOL TECHNOLOGY AND
BIOFUELS**



Certificate

This is to certify that Mr./Ms./Mrs. Kadm Supriya Sanjay From M.sc. W.B. A.T. has actively participated and successfully completed with grade in the Add-on Course based on 'Maturation of Spirit' held between 03/10/2018 and 03/11/2018 (30 hours) organized by Department of Alcohol Technology & Biofuels Manjari Bk. Tal. Haveli, Dist. Pune.

Date: 3rd Nov 2018

Place: Manjari, Pune.

Course Coordinator



Principal

Vasantdada Sugar Institute

Manjari (Bk.), Tal. Haveli,

Dist. Pune - 412 307



VASANTDADA SUGAR INSTITUTE

Manjari Bk. Tal. Haveli, Dist. Pune, Maharashtra, India.

DEPARTMENT OF ALCOHOL TECHNOLOGY AND BIOFUELS



Certificate

This is to certify that Mr./Ms./Mrs. Vetal Amol Sambhaji From M.sc. W.B.A.T. has actively participated and successfully completed with grade in the Add-on Course based on 'Maturation of Spirit' held between 03/10/2018 and 03/11/2018 (30 hours) organized by Department of Alcohol Technology & Biofuels Manjari Bk. Tal. Haveli, Dist. Pune.

Date: **3rd Nov 2018**.

Place: Manjari, Pune.

Course Coordinator



Principal

Vasantdada Sugar Institute

Manjari (Bk.), Tal. Haveli,

Dist. Pune - 412 307



VASANTDADA SUGAR INSTITUTE

Manjari Bk. Tal. Haveli, Dist. Pune, Maharashtra, India.

DEPARTMENT OF ALCOHOL TECHNOLOGY AND BIOFUELS



Certificate

This is to certify that Mr./Ms./Mrs. Lkirkde Abhishek Kalyanrao From M.sc. W.B.A.T has actively participated and successfully completed with grade in the Add-on Course based on 'Maturation of Spirit' held between 03/10/2018 and 03/11/2018 (30 hours) organized by Department of Alcohol Technology & Biofuels Manjari Bk. Tal. Haveli, Dist. Pune.

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