



R. J. COLLEGE of Arts, Science & Commerce (AUTONOMOUS)

(Hindi Vidya Prachar Samiti's RAMNIRANJAN JHUNJHUNWALA COLLEGE of Arts, Science & Commerce)

Opposite Ghatkopar Railway Station, Ghatkopar (West), Mumbai 400086, Maharashtra, INDIA.

Website: www.rjcollege.edu.in Email: rjcollege@rjcollege.edu.in Tel No: +91 22 25151763 Fax No: +91 22 25150957

College is recognized under Section 2(f) & 12(B) of the UGC Act, 1956

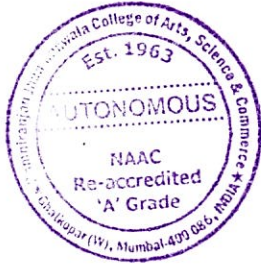
Affiliated to UNIVERSITY OF MUMBAI II NAAC Re-Accredited 'A' Grade (CGPA: 3.50)

24th September 2019

NOTICE

DEGREE COLLEGE

The department of Botany is organising a value-added course in Solid Liquid Waste Management from 1st October 2019. The duration of the course will be of 30 hours. Attendance for all the sessions will be compulsory. The mode of evaluation will be continuous. On successful completion of the course students will be awarded with two credits and a certificate.



Ushu

Principal & HOD Botany

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2019: Star College Status by DBT

2008: Best College by University of Mumbai 2010: IMC RBNQ Award 'Performance Excellence' for the year 2009

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BROCHURE

AY 2019 Onwards


Hindi Vidya Prachar Samiti's
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(Also known as R. J. College of Arts, Science & Commerce as per UGC Notification)

Affiliated to UNIVERSITY OF MUMBAI II Recognized by UGC under 2f & 12B
NAAC Accredited 'A GRADE' with CGPA 3.50

Knowledge is all Ambrosia

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M


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CERTIFICATE COURSE IN


SOLID LIQUID WASTE MANAGEMENT

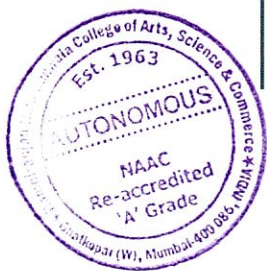
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CERTIFICATE COURSE IN SOLID LIQUID WASTE MANAGEMENT

ABOUT US

Hindi Vidya Prachar Samiti was incepted on the auspicious day of Shri Krishna Janmashtami, 15th August 1938. A brain child of a visionary Late Shri Nandkishore Singh Jairamji, samiti was established with the objectives of catering to the educational needs of the Hindi speaking community. Ramniranjan Jhunjhunwala College came into existence in 1963, enabling a larger section of the society to take advantage of the facilities provided for higher education.

From 1999-2000 the College has added a number of self-financing courses like B.M.S., B.B.I., B.Sc. in Computer Science, Information Technology, Biotechnology, M.Sc. in Computer Science, Biotechnology and Information Technology as well as add on courses, which further hone the special skills of the students.

The college has been reaccredited with 'A' Grade by NAAC in 2014 with a CGPA 3.50 and received the Best College Award (2007-2008) of the University of Mumbai. The College has been bestowed with IMC "Ramkrishna Bajaj Performance Excellence Trophy", 2010.

The Principal of the college was awarded "Best Teacher" by Government of Maharashtra in 2011.

Government of Maharashtra conferred the college with "JAAGAR JAANIVANCHA" (First in Mumbai Suburban- in 2013 and Second in Mumbai Suburban- in 2014) for safety of girls.

Course Code: **RJBOTC10**


Duration: **30** hours

Credits: **02**

LEARNING
OUTCOME

On completion of the course students will be able to:

- To differentiate between different types of waste
- Will be able to advice on reduce, recycle and reuse
- Will be able to conceive the concept of sustainability



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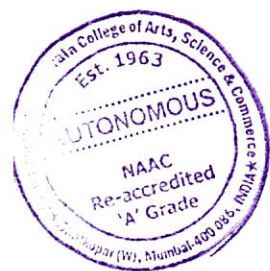
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CERTIFICATE COURSE IN SOLID LIQUID WASTE MANAGEMENT

COURSE
CONTENT

Unit I	Classification of Waste <ul style="list-style-type: none"> ▪ Classification based on Physical state ▪ Classification based on source
Unit II	Types of Waste <ul style="list-style-type: none"> ▪ Biodegradable waste ▪ Non Biodegradable waste ▪ E waste ▪ Biomedical waste
Unit III	Waste collection and disposal <ul style="list-style-type: none"> ▪ Traditional methods of waste collection and disposal ▪ Dumping of solid waste in sea ▪ Regulations for Ocean dumping
Unit IV	Liquid waste <ul style="list-style-type: none"> ▪ Types of liquid waste ▪ Methods of disposal of liquid waste ▪ Recycling of solid and liquid waste

ASSESSMENT


Project work, presentation and project writing



MEDIUM OF INSTRUCTION

English

100 MARKS



PASSING 40

WHO SHOULD DO IT?

Pursuing UG or completed

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REPORT

Waste management is the need of the day in view of the amount being generated and no space available for dumping. Solid waste contributes to the ever increasing burden on landfills, dumping yards but more dangerously contributing to polluting the ground water, air, and responsible for various health hazard. This course imparted the knowledge to the students how to begin by reducing their needs. They were taught the basics of segregating waste at source, simple techniques of taking care of household bio degradable waste and using the compost for growing plants. They were also given information on the techniques and alternatives for recycling specially e-waste, plastics, multi laminated plastics. Students were given individual projects which they performed, submitted a report. Evaluation was based on their learning of the concepts and successful project completion. 12 students completed the course and were awarded certificates and two credits.

The projects were also presented successfully in the departmental fest of the college 'Botanica'. Students were given prizes for the same.



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LIST OF STUDENTS WHO SUCCESSFULLY COMPLETED THE VALUE-ADDED COURSE IN SOLID LIQUID WASTE MANAGEMENT

SR NO	NAME	ROLL NO	CLASS
1	PATEL PRITI DINESH KUMAR RAJMANI	492	SYBSc
2	DUBEY SONALI ASHOK	502	SYBSc
3	GUPTA NIDHI SHANKARLAL	509	SYBSc
4	JAISWAL VANDANA RAMKUMAR	512	SYBSc
5	KHAN BALIGA RAEES AHMED SHABANA	519	SYBSc
6	MISHRA ANMOL DAYASHANKAR PUSHPA	523	SYBSc
7	PRAJAPATI ANSHU BHOLENATH	526	SYBSc
8	RAI VAISHNAVI VIPUL MAMTA	527	SYBSc
9	SAHANI VINAY KUMAR ANGAD SINGARMATI	528	SYBSc
10	SINGH SHWETA BAJRANG BAHADUR NEELAM	532	SYBSc
11	YADAV SURAJ JIYALAL SHEELA	537	SYBSc
12	PANIGRAHI SIMRAN SIMANCHAL REENA	542	SYBSc

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CERTIFICATE

This is to certify that

Mr./Ms. patel preeti Dinesh

of Class SyBSC, Div: C, Roll: 492, Unique ID: 18190121

has completed 30 hours of Skill Enhancement Course in Solid Waste Management

and earned 2 credits in the academic year 2019- 2020

Co-ordinator, Skill Enhancement Course
R. J. College



Dr. Usha Mukundan
Principal
R. J. College

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CERTIFICATE

This is to certify that

Mr./Ms. Dubey Sonali Ashok

of Class SyBSC, Div: C, Roll: 502, Unique ID: 18191574

has completed 30 hours of Skill Enhancement Course in Solid Waste Management

and earned 2 credits in the academic year 2019- 2020


Co-ordinator, Skill Enhancement Course
R. J. College





Dr. Usha Mukundan
Principal
R. J. College