

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

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)

#### **Department of Information Technology**

**Date: 8 June 2018** 

#### Notice

The department of Information Technology will be organizing the Value-Added course on Green Computing from June 18, 2018. The programs will comprise 30 working hours. Interested students should give their names in the department of Information Technology office on or before June 10,2018.

The Schedule of the program is as follows:

Day	Date	Time	Activity
Monday	18/06/2018	01:30 PM to 04:30 PM	Reading, Teaching and Assignment
Monday	25/06/2018	01:30 PM to 04:30 PM	Reading, Teaching and Assignment
Tuesday	26/06/2018	01:30 PM to 04:30 PM	Reading, Teaching and Assignment
Wednesday	27/06/2018	01:30 PM to 04:30 PM	Reading, Teaching and Assignment
Thursday	28/06/2018	01:30 PM to 04:30 PM	Reading, Teaching and Assignment
Friday	29/06/2018	01:30 PM to 04:30 PM	Reading, Teaching and Assignment
Saturday	30/06/2018	01:30 PM to 02:30 PM	Assessment

O' In-Charge



Principal
PRINCIPAL
RAMNIRANJAN JHUNJHUNWALA COLLEGE
OF ARTS, SCIENCE & COMMERCE (AUTONOMOUS)
Gnalkopar (W), Mumbai-400 086, Maharashtra, 4NOIA



NAAC e-accredited 'A' Grade

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

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#### **BROCHURE**

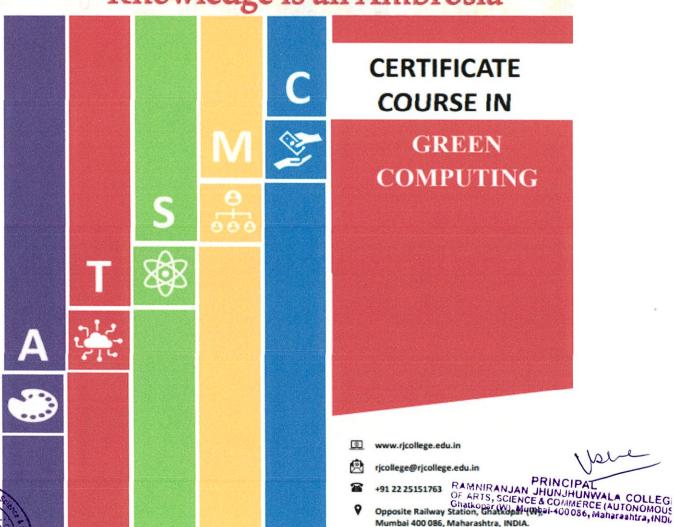


Hindi Vidya Prachar Samiti's RAMNIRANJAN JHUNJHUNWALA COLLEGE (AUTONOMOUS)

(Also known as R. J. College of Arts, Science & Commerce as per UGC Notification)

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

# Knowledge is all Ambrosia



2019: Star College Status by DBT

2008: Best College by University of Mumbai 2010: IMC RBNQ Award 'Performance Excellence' for the year 2009 2011: 'Best Teacher Award' by Government of Maharashtra 2013: DST-FIST 2014: DBT STAR College



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#### CERTIFICATE COURSE IN

#### GREEN COMPUTING



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: RJITC03

Duration: 30 hours

Credits: 02

ABOUT COURSE

ONOMOUS

NAAC Re-accredited `A' Grade / The course covers all the essential elements of technology and the latest domain and fundamentals of sustainability for the ICT industry. Only Green IT Professionals are able to sustain and maintain a reduction in energy consumption and in developing techniques to reduce the greenhouse gasses emissions attributed to the ICT usage. This course is designed to impart knowledge about sustainability for ICT.

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(Hindi Vidya Prachar Samiti's RAMNIRANJAN JHUNJHUNWALA COLLEGE of Arts, Science & Commerce) Opposite Ghatkopar Railway Station, Ghatkopar (West), Mumbai 400086, Maharashtra, INDIA. Tel No: +91 22 25151763 Website: www.rjcollege.edu.in Email: rjcollege@rjcollege.edu.in Fax No: +91 22 25150957

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CERTIFICATE COURSE IN

GREEN COMPUTING



To develop Green IT Professionals who can assess, and develop strategies to reduce the carbon footprint and materials use of the ICT operations of an organization.

Module	Topics	Hours
I	Green IT: An Overview	
	Environmental Concerns and Sustainable Development,	
	Environmental Impacts of IT, Holistic Approach to Greenin	g 6
	IT, Greening IT- Green PCs, Notebooks and Servers, Green	
	Data Centres, Green Cloud Computing, Green Data Storage	
	Green Software, Green Networking and Communications	
П	Green Devices and Hardware	
	Life Cycle of a Device or Hardware: Design,	
	Manufacturing, Packaging and Transportation, Use, Reuse,	6
	Recycle and Dispose	
	Green Data Storage- Green Drives (Solid-State Drives	
	(SSDs), RAID, MAID Low Cost PC's	
III	Green Cloud Computing and Environmental	
	Sustainability	
	Introduction, what is Cloud Computing, Components of	6
	Cloud Computing, Cloud Computing Deployment Models,	
	Features of Clouds Enabling Green Computing, Green	
	Cloud Architecture, Case Study: IaaS Provider.	
IV	Go Green Initiatives in India: GIM (Green India	
	Mission), Environmental (Protection) Act, Convention o	n 6
	Biological Diversity (CBD) treaty, Inching towards	
	Renewable Energy	
	Indian Inc's green initiatives to lower costs in the long	
	run: - reduced water consumption, reduced hazardous	S
	waste generation, dropped energy consumption.	
	Regulating Green IT: Laws, Standards and Protocols:	
	RoHS, WEEE. BAN, LEED, EPEAT	
V	Case Study: e.g.	
	Green Building	PRIN
		MNIRANJAN JHUN
	Going Green at Amports	atkoper (W), Mumbai-
	Ca Casan Indian Pailesses	



2019: Star College Status by DBT

Going Green at Airports Go Green Indian Railways



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#### **CERTIFICATE COURSE IN**

#### GREEN COMPUTING



- Gain knowledge about green economic practices in different energy sectors.
- Able to evaluate the economy of green energy generated from various energy sources
- Able to optimize the cost of green energy.
- Extend the understanding of green economics through various case study

## **EVALUATION**



Mode of Assessment	Maximum Marks (50)	Minimum Marks (20)
Exercise	20	8
Assignment	40	16
Project	40	16

**100 MARKS** 

AUTONOMOU

NAAC -accredited 'A' Grade



PASSING 40

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**AEDIUM OF INSTRUCTION** English

Basic knowledge of computers and use of the internet

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#### **Department of Information Technology**

**Green Computing - Value Added Course** 

Course Code :RJITC03

Year of Offering: 2018-19

Duration: 18/06/2018 To 30//6/2018

Number of students enrolled: 53 - From All Disciplines
Number of Students successfully completed the course: 53

Teachers Involved: 4

Venue: Lab 1

#### Content of session:

The department of Information Technology has conducted two credit value added courses on **Green Computing** from 18/06/2018 to 30/06/2018. The course covered topics related to green computing and effective strategies of reducing carbon footprints and materials. Also, the various ways of optimizing the cost of green energy were discussed during the session.

AUTONOMOUS

NAAC

Re-accredited

A' Grade

A' Grade

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**AUTONOMOUS** NAAC

Re-accredited A' Grade

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### List of students who completed the course

	Sr. No.	Roll No.	Student Name	Class
	1	1	SARIYA NASIMUDDIN ANSARI	S.Y.BSc I.T
	2	2	BAMANE ANKUSH LALIT GIRIJA	S.Y.BSc I.T
	3	3	VIKAS PRAKASH BISOI	S.Y.BSc I.T
	4	4	ANNAPURNA NAROTTAM CHANDELA	S.Y.BSc I.T
	5	5	VISHNU MADAN CHAURASIYA	S.Y.BSc I.T
	6	6	JUI SHAHU DALVI	S.Y.BSc I.T
	7	7	GAURI RAJENDRA DEOKAR	S.Y.BSc I.T
	8	8	VIRAL MAHENDRA DODHIA	S.Y.BSc I.T
	9	9	DEEPAK KUMAR RAMBAHAL GAUTAM	S.Y.BSc I.T
9	10	10	SATISHKUMAR JOKHURAM GUPTA	S.Y.BSc I.T
	11	11	VISHAL HIRALAL GUPTA	S.Y.BSc I.T
	12	12	GUPTA PRAVIN KUMAR DINESH REKHA	S.Y.BSc I.T
	13	13	MANISHKUMAR DYANCHAND GUPTA	S.Y.BSc I.T
	14	14	SHIVAM VINOD JAISWAL	S.Y.BSc I.T
	15	15	ROSHAN RAJENDRA JAISWAR	S.Y.BSc I.T
	16	16	SADHANA JAYRAM JAWAJI	S.Y.BSc I.T
	17	17	SUPRIYA SHAHAJI KAPASE	S.Y.BSc I.T
	18	18	KHAN MARIYAM JAVED SHANNU	S.Y.BSc I.T
	19	19	KUMAR HITESH RAMKAWAL BUDDHIRAM	S.Y.BSc I.T
	20	20	VISHAL RAMSAMUJH KUSHWAHA	S.Y.BSc I.T
	21	21	BHAVIKA SUBHĄSH MAURYA	S.Y.BSc I.T
t. 1963	28	22	SUNDARI RAMSURAT MAURYA	S.Y.BSc I.T

2019: Star College Status by DBT

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2008: Best College by University of Mumbai

2010: IMC RBNQ Award 'Performance College Status by DBT

2011: 'Best Teacher Award' by Government of Maharashtra

2013: DST-FIST 1019

2016: ISO 14001:2015

2016: I



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23	23	PREETI RAKESH MISHRA	S.Y.BSc I.T
24	24	SHAUNAKJI SATYANAND MISHRA	S.Y.BSc I.T
25	25	NEHA VIJAY MORE	S.Y.BSc I.T
26	26	PANDEY DIKSHA RAJESH	S.Y.BSc I.T
27	27	RUPALI VILAS PHADATARE	S.Y.BSc I.T
28	28	PRAJAPATI RAHULKUMAR HARIRAM	S.Y.BSc I.T
29	29	OMKAR SHANTURAM RAJESHIRKE	S.Y.BSc I.T
30	30	RANGLE ANIKET DHONDU VANITA	S.Y.BSc I.T
31	31	ROHIT KUMAR MANIKCHAND SAROJ	S.Y.BSc I.T
32	32	SAWANT SHWETAL SUDHIR MANALI	S.Y.BSc I.T
33	33	SHAIKH AFTAB ASHPAK ABIDA	S.Y.BSc I.T
34	34	MUNNI SANJAYLAL SHARMA	S.Y.BSc I.T
35	35	SIMRAN RAJKUMAR SHARMA	S.Y.BSc I.T
36	36	SHUKLA ABHISHEK UMAKANT JAYA	S.Y.BSc I.T
37	37	AJIT JAYPRAKASH SHUKLA	S.Y.BSc I.T
38	38	MANISHA SHIVANAND SINGH	S.Y.BSc I.T
39	39	ASHA RANJEET SINGH	S.Y.BSc I.T
40	40	SHIVAM RAKESH SINGH	S.Y.BSc I.T
41	41	SHIVAM ASHISH SINGH	S.Y.BSc I.T
42	42	TIWARI SARIKA HARISHCHANDRA ARTI	S.Y.BSc I.T
43	43	KAJAL NARENDRA TODANKAR	S.Y.BSc I.T
44	44	TUMBRE MAYUR RAMDAS KIRTI	S.Y.BSc I.T
45	45	AKASH DINESH VISHWAKARMA	S.Y.BSc I.T
46	46	PRIYA DINESH YADAV	S.Y.BSc I.T
A.V.	47	NEHA AJAYPRATAP YADAV	S.Y.BSc I.T

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2011: 'Best Teacher Award' by Government of Maharashtra
2013: DST-FIST
2014: 'DBJ SH'S GOIENCE & COMMERCE (AUTONOMOUS)
2016: ISO 14001:2015
2016: ISO 2016: IS



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48	48	AAKANSHA MADHUSUDAN GOSAVI	S.Y.BSc I.T
49	49	SINGH SHEETAL DEEPAK BABITA	S.Y.BSc I.T
50	50	KURMI AJIT KUMAR VISHNU RAMLALI	S.Y.BSc I.T
51	51	PRAJWAL SUNIL PATHAK	S.Y.BSc I.T
52	52	BHAGIRATH KUMARPAL SHARMA	S.Y.BSc I.T
53	53	BADITYA SACHIN BASUDEB ANUSHA	S.Y.BSc I.T



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