### PRAMUKH SWAMI SCIENCE & H. D. PATEL ARTS COLLEGE, KADI

#### Re - Accredited Grade 'A' (CGPA -3.20) College with Potential for Excellence (CPE) AAA Rank 1

**Programs for Slow Learners and Advanced** 



### **Programs for Slow Learners**

- Remedial Coaching
- Extra Practical Sessions
- Assignments
- Extra Lectures
- Personal Counseling
- Question Paper Solving

# **Remedial Coaching**

PATEL MANKAD & Co. Chartered Accountants D. B. PATEL B.Com. F.C.A. H. D. PATEL B.Com. A.C.A.

Phone : Offi. : 2460360, Resi. : 27450941 "Kamal Complex" Sheth C.G. Road, Navrangpura, AHMEDABAD - 380 009.

Pramukh Swaml Science & H.D.Patel Arts College,Kadi

Statement showing the expenditure incurred in Recuring Amount during the U.G.C 12th plan period (Merge Scheme) for Remedial Coaching SC/ST/OBC and Minorities

Grant Utilised During : 01-04-2012 to 31-03-2015

(Financial Year: 2013-2014)

Sr. No.	Name of Resource Person	urce Person Utility Head		Recurring expenses	Total Amount Rs.	Vou. No.	
- 1	Mr.Apurv G.Patel	Honorarium	12/2/2014	6000.00	60000	721	
2 Mr.Apurv G.Patel		Honorarium	24/2/2014	270.00	270.00	763	
3 Mr.Apurv G.Patel		Honorarium	1/3/2014	6000.00	6000.00	779	
4	Mr.Kiran B.Patel	Honorarium	11/3/2014	1500.00	1500.00	806	
5	Mrs.Neeta R.Patel	Honorarium	11/3/2014	7500.00	7500.00	807	
	Total	21270.00	21270.00				

it is certified that all of the above grants have been utilised as per the term and conditions of the

grant in conformity with the XIIth plan guidelines

Date : 15-07-2015

Place : Kadi

P. S. Science & H. D. Patel Art's College KADI (N.G.)

#### EXAMINED & FOUND CORRECT

For PATEL MANKAD & CO CHARTERED ACCOUNTANTS

(Harshad D. Patel) Partner (Membership No.38200)



-	-	T	Thuker	yer pres	igner keenre	m	-	2	an	- 25	17		Re	me	dia	La	oac	hing	2			r: 20 hemi	1617 istrv
Sr. Vo.	Roll No.	Se	x Surname	First Name	Last Name	Date	3121017	5121012	1101719	tioltlt	fioitiol	6101712	E1017181	tiol I 14	tioitit	41017161	FIOLLIOY	6101711	FIOLIK	TULLIN	tioizit	tio IT 18	tion TIT
1	101	F	BARIYA	TEJALBEN	VIJAYBHAI	S.T		-	A	-	-	-	-	-	-	-	-	-	3	8	5	N	3
2	102	M	BAVALIYA	AJITBHAI	DALASUKHBHAI	OBC	1	P		-	-	1	P	A	P	P	P	111	P		P	P	A
3	103	F	SHASHOR	TEJALBEN	SHAMJIBHAJ	S.T.		-		111		1	P	P	P	A	P	P	F	P	A	P	P
4	104	М	CHAUDHAR	JAYMINKUMAR	MANUBHAI	080	-		P	P	A	P	1	P	P	P		P	P	P	P	A	P
2	105	M	CHAUDHAR	PARTHKUMAR	SAROJEHAI	S.T.	P	P	P	P	A	P	-	P	P	P	P	A	P	P	P	P	A
	106	14	CHAUDHAR	YASHKUMAR	BABUBHAJ	OBC	1	P	A	A	P	P	-	P	P	P	P	P	P	A	P	P	P
-	107	1.1	CHAUDHAR	SAHILKUMAR	ASHVINBHAI	OBC	-		-	P	1	P	P	P	P	A	P	P	P	P	P	P	P
-	108	F	CHAVADA	PARULBEN	JASHVANTEHAI	S.T.	P	P	P	A	P	1.	P	P	P	P	P	P	P	P	A	ρ	P
-	109	F	DARAJI	HIRALBEN	KIRTIKUMAR	OBC	1	P	P	A	P	P	P	P	P	-		P	P	P	P	P	P
1	110	F	DEVDA	JALPAKUMARI	DAUDBHAI	S.T.	P	P	P	P	P	P	P	P	ρ	P	A	P	-	P	P	P	P
+	111	F	GAJJAR	NEHA	DIPAKBHAI	OBC	11	P	-	P	A	P	P	P	ρ	P	P	9	P	P	P	P	P
-	112	M	GAMIT	SANJAYBHAI	BHARATBHAI	S.T.	A	P	P	P	P	P	A	P	P	A	P	P	P	P	P	p	P
-	113	М	GARASIYA	PARTHKUMAR	SALUBHAI	S.T.	P	A	1	P	A	P	P	P	A	P	p	P	P	A	P	p	P
	114	F	GORASAVA	POONAMBEN	BHOOPATEHAI	OBC	0	P	P	P	P	A	P	P	A	P	P	P	A	P	P	A	r
-	116	F	KHARADI	PRITIBAHEN	ALKHABHAI	S.T.	P	-	P	A	P	P	P	A	P	P	P	A	P	P	A	P	P
	18	F	LABANA	ARPITABEN	RUSHIBHAI	OBC	p	A	P	P	P	A	P	P	A	P	P	P	P	P	A	p	P
1	19	M	MAKWANA	MAYURKUMAR	CHANDRESHBHAI	S.C.	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	A
1	21	M	MODI	PARTHKUMAR	MUKESHBHA	OBC	P	P	A	P	A	P	P	P	P	A	P	P	P	A	P	P	P
1	22	M	NAYI	RAVI	SURESHEHA	OBC	A	P	P	P	P	P	A	P	P	P	A	P	P	ρ	A	P	P
1	23	M	OZA	MAYURBHAI	NAVINCHANDRA	OBC	P	P	-		P	A	P	P	1	P	A	P	ρ	P	P	P	A
1	24	M	PANCHAL	DHAVALKUMAR	BHARATBHAI	OBC	A	P	A	P	Ρ	P	A	P	P	P	P	A	P	P	P	A	P
1	25	M	PARANALIYA	GAUTAMBHAI	KEHUBHAJ	OBC	P	P	P	P	P	A	P	P		A	P	P	A	P	P	P	P
1	26		PARAMALIYA		AMBARAMBHAI	OBC	A	P	A	-	P	A	P	P	P	P	P	A	P	A	P	P	P
1	27	M	PARMAR	AJAYKUMAR	ARVINDBHAI	S.C.	P	A	P	-	P	P	A	P	P	P	9	P	A	p	P	P	P
					Contra Contra	0.0.	PHY	PLA	e.Hd	T I	Plut #	PHT 0	PLITA	C JA	PLTA	CHI	242	PLITO	CHI	APA	P	P	P

# **Programs for Advanced Learners**

Capability Enhancement Programs

- Crash Workshop BT-CBC by GSBTM, DST, Govt. of Gujarat
- Career Counseling
- Guidance for Competitive examinations

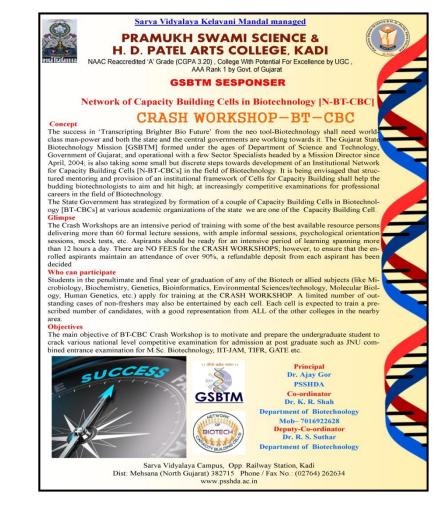
Seminars / Workshops and Training Programs

- Participation in State level Science Exhibition
- Organization of Training Programs
- Participation in Industrial training and Internships

# **Biotechnology Capacity Building Cell**

The institute has regional center of Biotechnology Capacity Building Cell (BT-CBC) recognized by Gujarat state Biotechnology Mission (GSBTM), DST, Government of Gujarat under the scheme of N-BT CBC since 2010.

In BT-CBC, the college organizes crash workshop for students to prepare them for national level Post Graduate Entrance examination particularly JNU Combined PG Entrance examination, IIT-JAM and others.



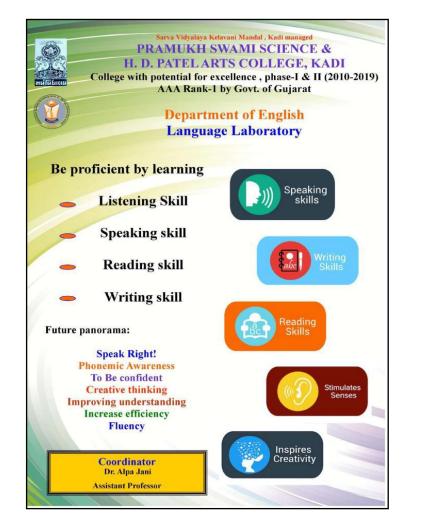
Biotechnology Department										
Sr. No.		Name of Programme	No. of Students	Name of Agency						
1	2014-15	<sup>6th</sup> Crash workshop (Two workshop SY and TY)	44	Gujarat State Biotechnology Mission, Gandhinagar, Govt. Of Gujarat Contact no. 07923252197 Dr. Kamlesh Shah. 9428063230						
2	(Two workshop SY and TY)		66	Gujarat State Biotechnology Mission Gandhinagar, Govt. Of Gujarat Contact no. 07923252197 Dr. Kamlesh Shah. 9428063230						
3			126	Gujarat State Biotechnology Mission, Gandhinagar, Govt. Of Gujarat Contact no. 07923252197 Dr. Kamlesh Shah. 9428063230						
4	2017-18	9 & 10th Crash workshop (Four workshop SY and TY)	282	Gujarat State Biotechnology Mission, Gandhinagar, Govt. Of Gujarat Contact no. 07923252197 Dr. Kamlesh Shah. 9428063230						

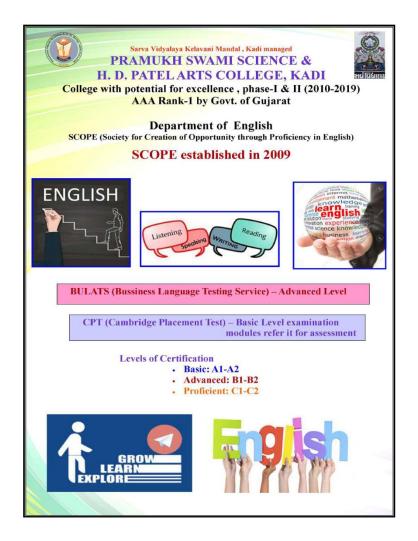
Principal P. S. Science & H. D. Patel Art's College KADI (N.G.

Co-Ordinator BT-CBC Department of Biotechnology P.S.Science & H. D.Patel Arts Collge S.V. Campus, Kadi

#### Language Laboratory

#### Soft Skill development program.





## workshop on Instrumental Training on Molecular Biology



### workshop on Entrepreneurship Awareness



## workshop for Hands-on Training of Sophisticated Industrial Equipments



### Participation in Science and Technology Exhibition







### **Publication of Research papers**

#### ISSN: 2349 - 3372 Newest International Multidisciplinary Referred Journal

**Newest International Multidisciplinary** Journal ISSN: 2349-3372 Vol:3 July : 2017 Year:4 Page : 30-35

#### Abstract

Production of green energy from waste material has played an important role in recent years due to the depletion of non renewable energy sources. Conventional crops such as corn and sugarcane are unable to meet the global demand of bioethanol production due to their primary value of food and feed. Therefore, lignocelluloses substances such as agricultural wastes are attractive feedstock for bioethanol production. Agricultural wastes are cost effective, renewable and abundant. It could be a promising technology. Plant biomass can be used as raw material to produce bioethanol. In this study, fermentation of plant waste was conducted using Saccharomyces sp. under anaerobic condition. Production of bioethanol was determined and the effects of various operating conditions which included different temperatures, shaking period, rotten and fresh plant and fruit waste and saccharification. Bioethanol would be conventionally used as biofuel by using indigenous yeast. It is first pretreated by acid hydrolysis and successively fermented .This finding proved that bioethanol [biofuel] can be made by using plant waste.

**Bio-Ethanol Production From Plant** Waste Kamlesh shah<sup>1</sup> Sutaria Devanshi\* and Parmar Paval\* <sup>1</sup> Head, Department of biotechnology, Pramukh Swami Science and H.D Patel arts college, Kadi, 382715

30

#### Keywords:-

bioethanol, plant waste, veast-Saccharomyces sp, renewable energy.

#### 1. Introduction

Bioethanol is being widely investigated as a renewable fuel source because in many respects it is superior to gasoline fuel.[1] The expansion of human population and increase of industrial prosperity, global energy consumption also has increased gradually. Many countries around the world are shifting their focus toward renewable sources for power production because of depleting crude oil reserves. The trend is extending to transport fuel as well. Approximately 80% of world supply of alcohol is produced by fermentation of sugar and starch containing crops or byproducts from industries based on such crops. Among the widely used substrates for bioethanol production are the molasses of sugarcane and sugar beet. Several studies have shown that sugarcane-based ethanol reduces greenhouse gases by 86 to 90% [2,3]. Sugarbased bioethanol production- such as sugarcane and sugar beet- is a simple process and requires one step less than starch-bioethanol, this is because they are ready for conversion with Raman Science & Technology Foundation

# **Industry Institute Linkage**

