

**Pramukh Swami Science & Hargovandas Dhanabhai Patel Arts College, Kadi**  
**Annual Report: 2020-2021**

**Pramukh Swami Science & H D Patel Arts College, Kadi is renowned educational institute of Gujarat state with**

- Re- accredited with grade ‘A’ by NAAC (Accreditation Cycle 3)
- College with potential for excellence- Awarded by UGC
- AAA Rank-1 by awarded by Government of Gujarat.

**Special Achievements and events organized:**

1. Department of Biotechnology awarded “**National Award for Best Department**” by Microbiologist Society of India.
2. Consecutive third year, college ranked among the ‘Best Colleges of India” in survey of INDIA TODAY-MDRA. The college Rank 1st in Arts and 2nd in Science disciplines in our state.
3. Consecutive second year, The College ranked among TOP -10 Colleges of the State in "**Gujarat State Institutional Ranking Framework (GSIRF-2020)**". **(7th Rank with four STAR)**
4. Outlook, I Care Survey 2020, College ranked 56<sup>th</sup> in the country in Colleges (4<sup>th</sup> In State) and 65<sup>th</sup> in the country Arts (2<sup>nd</sup> in Gujarat State)
5. **Department of Physics organized Online International Conference on Emerging Trends in Materials Science – 2021 (ETMS – 2021) during March 22 - 23, 2021 in collaboration with Maharashtra College, Mumbai**
6. College had organized 7 Days Online Orientation program for freshers during August 17-22, 2020.
7. The Principal Dr. Ajay Gor was invited as expert talk on New Education Policy’ by Ratory club- Himmatnagar on 8 September 2020 and Guru-Govindsinh University, Godhara on September 2020. Dr.Ajay Gor has delivered expert talk on Revised NAAC Accreditation Guideline-2020 on August 9, 2020.
8. Organization of 3 Days National level webinar ‘SARVAGYAN 2020’ during April 27-29, 2020 Total 650 registered Participants across 4 states and 7100+ views online on face book in the Webinar.
9. Organization of 5 Days online Faculty Development Programs In collaboration with IIT BOMBAY during May 1-5, 2020.
10. Organization of Finishing School webinar Series was organized from 1<sup>st</sup> May to 15<sup>th</sup> June, 2020 by KCG, Govt. of Gujarat and total 384 students of the college were benefited.
11. 19 NSS Volunteers served as covid Worrier service during COVID-19 pandemic lockdown at Kadi
12. During Corona Pandemic Lieutenant Dr.Parimal Chatrubhuji was assigned the duty at Naroda Police station along with 21 NCC cadets and 20 NSS volunteers of the college offered services as Corona warriors.
13. Under SSIP, the College organized successfully organized the online lecture series on various topics. 7 National level online Webinars has been organized by SSIP Cell of the college during entire academic year. SSIP achieved approval for 14 new Proof of Concepts and Organization of Three Webinars regarding start-up and Innovation. 2 Patents have been filed and 3 patent filing process is going on through SSIP cell of the college.

14. In collaboration with the Microbiology Society of India, college have organized online National Level Competition for Oral presentation for Research scholar was held on 16<sup>th</sup> October, 2020 and participants joined from different 7 states of India.
15. Gujarat State Biotechnology Mission (GSBTM) sponsored Online CRASHWORKSHOP was organized during March 15-25, 2021 in which more than 200 students from 8 different colleges have participated.
16. College have organized Web Series on Exploring Science. 5 renowned experts from academia and industry have presented expert talk in this web series.
17. During lockdown period of Covid 19 pandemic, 54 online certificate Courses have been completed by various faculties of the college and 4 courses have been taken up by Non-teaching Staff members of the college
18. Organized Central Government's initiative Azadika Amrut Mahotsav - Exhibition and Expert Talks during 12 to 14<sup>th</sup> March, 2021
19. Organization of Online International Conference on Emerging Trends in Materials Science – 2021 (ETMS – 2021) during March 22 - 23, 2021 with 113 Beneficiaries
20. Organization of Online Entrepreneurship Awareness program in which 126 were students benefited.
21. **SHODH-** Scheme for Developing High Quality Research, by Government of Gujarat, Ms. Jignasha Parmar – Ph.D Students of Gujarati under Guidance of Dr.B.S.Patel, received Fellowship of Rs. 15000 per Month. Altogether, Fellowship of Rs.4 Lakh for academic year 2020-21 and 2021-22 was awarded.
22. Dr. Kamlesh Shah and Dr. Ramchandra Suthar from Department of Biotechnology awarded for Research Excellence Award 2020 and Global Teacher Award 2020

### **Educational Courses:**

Degree	Subjects	
	Main	Subsidiary
Graduation: B.Sc.	Mathematics Chemistry Physics Biotechnology	Botany Zoology
Graduation: B.A.	English History Gujarati Sanskrit	Psychology
Post graduation: M.Sc.	Chemistry, Maths Pharmaceutical Chemistry	
Post-graduation: M.A.	History, Gujarati, Sanskrit	
Ph.D.	Mathematics, Chemistry, Physics, History, Gujarati, Sanskrit	
B.Voc.	Pharmaceutical Chemistry , Textile & Ginning Technology Hospitality and Tourism Management Computer Proficiency in Hardware and Software.	
C.C.	Agriculture and Soil Sciences, Ceramic Technology	
M.Voc	Pharmaceutical Chemistry	

**College Intake: Girls: 709**

**Boys: 974 Total: 1683**

### **DEPARTMENT WISE DETAILS**

#### **1. Gujarati Department:**

- 2 ISBN Books are Published by Dr.B.S.atel
- 3 National Workshops have been attended

- Sarjak Pratibha Sreni (Vyaakaran, Granth) is organized on every Wednesday throughout academic year to enhance student's Gujarati Literature knowledge

## **2. History Department:**

- 1 faculty attended 1 National Workshop and 1 FDP
- 1 Faculty has published 1 research paper in National Journal
- 1 Student from department of History, **secured FIRST RANK in the STATE in the video elocution competition** organized by Shikshan Hastlikhit Samayik in the category A.

## **3. Sanskrit Department:**

- 1 faculty has attended 5 Online Webinars and Lecture series and 1 Faculty attended 9 Online webinars, Online quizzes and Lecture series
- 1 faculty enrolled in Online STC on National Educational Policy and Sanskrit on 15-9-2020 to 21-9-2020

## **4. English Department:**

1. 8 online certificate courses have been completed by faculties
2. 1 faculty has attended 7 online webinars and lecture series as well 1 faculty has attended 3 online webinars
3. 70 students were given field projects related to English literature
4. Online Quiz on English Literature on 11/12/2020 with 189 students
5. Enhancing Soft Skills-Presentation was held on 5/3/2021 with 42 students
6. Interclass Seminar on Indian Literature was organized on 22/2/2021 with 64 students

## **SCIENCE**

### **Mathematics Department:**

- 1 Certificate course was offered
- 20 students took participation in Finishing School 2020-21
- 4 Faculties have attended 6 online faculty development program

### **Chemistry Department:**

- 1 Career Development seminar and 1 National level seminar was organized by department
- 1 faculty has attended 2 FDP and 1 Faculty has attended online workshop
- 51 students took participation in Finishing School 2020-21

### **Physics Department:**

- 1 Certificate course was offered
- 1 Faculty has life time membership in Member of Indian Association of Physics Teachers (IAPT) Member of Indian Society of Atomic & Molecular Physics (ISAMP) Member of Indian Physical Society (IPS)
- 27 students were given field projects
- 2 Certificate courses are completed 1 faculty

### **Department of Botany:**

- 1 Faculty has attended 4 International and National Online webinar and 3 FDP
- 5 Students took participation in Online Saptdhara competitions

### **Bio-technology Department:**

- Organization Online BT-CBC Crash Workshop sponsored by GSBTM;200 + students beneficiaries from various colleges of the state
- 4 Certificate online courses are offered
- 1 faculty has attended 11 online National, International and State level webinars
- 3 faculties have published 3 research papers in AJER, Springer ,BBRC
- 3 faculties have attended 2 individual FDP and completed 6 certificate courses

## VOCATIONAL Programs under DDU KAUSHAL KENDRA

### Textile and Ginning:

- 22 students offered internship
- 1 research project is ongoing by Mr.Diyaj Kalthiya rupees worth 45000/- lakh by SSIP Cell, PSSHDA
- 2 faculties has attended 1 National webinar ; 1 faculty has attended 9 online webinars
- 12 students took participation in Essay Writing on "Different Topics of Ek Bharat Shrestha Bharat" on 12 March 2021
- 80 students participated in online Quiz on "Ek Bharat Shrestha Bharat" on 17 & 18 January, 2021
- 3 faculties have completed 6 certificate courses
- 5 industry experts visited the department and served their expertise

### Pharmaceutical Chemistry:

- 2 faculties have attended 4 certificate courses and 1 faculty has completed 6 certificate courses
- 1 faculty has attended International Conference
- 8 students participated in One day national workshop- Advanced analytical techniques: Spectroscopy And chromatography on 31/03/2021
- 1 faculty has published 2 research papers
- 5 extension activities such as Extinct Animal Festival Of India, Virtual Garba, Quiz, 18 Seminar (Every Saturday of 3 month) were organized

### Agriculture and Soil Sciences:

- Organized Organic Fertilizer Production Unit activity by MHRD under the scheme UBA 2.0: 31 students benefited
- 6 Industry Experts served their expertise in Nursery Management, Organic Farming & Seed Production and Processing Unit

### Ceramic Technology:

- 1 faculty has published 2 research papers, participated in 6 online FDP and workshops
- 3 students took participation in Essay Writing on "Different Topics of Ek Bharat Shrestha Bharat" on 12 March and 15 students took participation in Quiz on "Ek Bharat Shrestha Bharat" on 17 & 18 January, 2021
- 8 Industry Experts served their expertise

### Hospitality and Tourism Management:

- 2 students have participated in Idea to IPR Journey for Innovator ,Ek Bharat Shreshtha Bharat Quiz Competition
- 1 faculty has published 2 research papers
- 9 Experts visited the department and shared their expertise

Computer Proficiency in Hardware and Software : 4 Experts visited the department and shared their expertise

### Library Annual Data:

1. Total No. of Books	:	29568
2. This Year's Total purchase of Books	:	884
3. Total No. of CDs & DVDs	:	650
4. Total No. of Magazines & Journals	:	80
1. Subscribed	:	72
2. Free	:	08
3. Back Volumes	:	673
5. Online E-Resources (N-List INFLIBNET)	:	
1. e-Books	:	31,35,809

2. e-Journals : 6,237 Titles
  3. Back Volumes : Last Five to Ten Years
6. Use of Online E-Sources :
1. Registered Users : 650
  2. Total Use : about 51000 pages
7. Use of Digital Repository

Items Archived	1704
Bit stream Views / Download	66847
Item Views	28386
Collection Views	8696
Searches Performed	31440

I am thankful to all staff members, teaching and non-teaching staff and students for the success of the college. I express my gratitude towards management for constant support and providing all facilities in the college.

**Dr.Ajay Gor**  
**Principal**