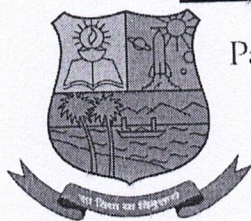


**Format to be used by Principals/Directors of Colleges for submitting details to University
for preparation of Annual Report 2021-22**



Parvatibai Chowgule College of Arts and Science
Autonomous

Accredited by NAAC with Grade 'A+' (CGPA Score: 3.41 on a 4 Point Scale)
Re-accredited College with a duration of 50 years (1971-2021)

(Note: The information should cover the period from **September 2021 to June 2022**)

1. Year of Establishment: June 1962

2. College Address: Gogol, Margao, Post – Fatorda, Goa - 403602

3. Principal's Details:

- Name: Dr. Shaila Ghanti (Offg. Principal)
- Contact No: **(0832) 2722222**
- Email: principal@chowgules.ac.in
- College website: www.chowgules.ac.in

4. The NAAC accreditation Status (whether accredited, score and Grade, accreditation round)

The college has been re-accredited with Grade 'A+' by National Assessment and Accreditation Council (NAAC) with a CGPA score of 3.27 on a 4 point scale in the fourth cycle of accreditation in March 2022.

5. Courses offered, sanctioned and filled strength:

Courses	Sanctioned Strength	Filled Strength
<u>Undergraduate Courses</u>		
F.Y.B.Sc.	220	192
S.Y.B.Sc.	220	146
T.Y.B.Sc.	236	254
F.Y.B.A	180	171
S.Y.B.A	180	133
T.Y.B.A	180	198
F.Y. B.Voc (Software Development)	30	20
S.Y. B.Voc (Software Development)	30	10
T.Y.B.Voc (Software Development)	90	29
(3D Media & Virtual Reality – VFX)		
(Multimedia –Digital Filmmaking)		



<u>Postgraduate Degree Courses</u>		
M.A. – Part I (Geography)	20	13
M.A. – Part II (Geography)	20	6
M.Sc. – Part I (Information Technology)	20	20
M.Sc. – Part II (Information Technology)	20	12
M.Sc. – Part I (Analytical Chemistry)	20	20
M.Sc. – Part II (Analytical Chemistry)	20	19
M.A. – Part I (Hindi)	20	4
M.A. – Part II (Hindi)	20	11
M.A. – Part I (Psychology)	20	15
M.A. – Part II (Psychology)	20	7
M.A. – Part I (English)	20	18
M.A. – Part II (English)	20	7
M.Sc. – Part I (Geoinformatics)	20	8
M.Sc – Part II (Geoinformatics)	20	9
<u>Postgraduate Diploma Courses</u>		
Post Graduate Diploma in Geoinformatics	20	8
Post Graduate Diploma in Clinical Genetics and Medical Laboratory Techniques	15	13
Post Graduate Diploma in Computer Applications	30	25
<u>Undergraduate Diploma Course</u>		
Diploma in Aviation Hospitality and Customer Service	30	16
Ph.D in Geography	05	4
Ph.D in Hindi	05	3
Total		1391

Research Centre, If any : i. Geography

No. of Candidates, subject wise, registered for Ph.D under the Research Center

Subject	No. of Candidates
Geography	04

6. Any new course(s) started: Diploma in Aviation Hospitality and Customer Service



7. Faculty strength:

(Note: Specify only the number of full time & regular appointments including teachers on FIP and fellowships. Appointments on lecture basis, contract and temporary positions of less than eleven months should not be specified)

Designation	Number of Teachers
Principal	-
Professor	02
Associate Professors	18
Assistant Professors	34
Librarian (Selection Grade)	01
Director of Physical Education (Selection Grade)	01
Contract Teachers (Regular + Self-financed)	38 (14 + 24)
Total	94

8. Achievements of the College: (only institutional achievements should be mentioned).

- A) The College was granted Extension of Autonomous Status by University Grants Commission for a period of five years from the academic year 2021-2022 to 2025-2026.
- B) The College was accredited as *Grade A+* by the prestigious National Assessment and Accreditation Council (NAAC) of India in its fourth cycle of accreditation with a final score of 3.27 on a 4 point grade scale, which is highest so far in the state of Goa.
- C) Our college is the only college selected as Mentor Institute in the entire state of Goa under the Mentor-Mentee Program 2021-22 of IIC, MIC. The college mentors the following Higher Educational Institutes:
- Dr. D.Y.Patil Unitech Society's Dr. D. Y. Patil Arts, Commerce and Science College Pimpri, Pune, Maharashtra;
 - Rosary College of Commerce & Arts, Navelim, Goa
 - Vidya Pratishthans Arts, Science and Commerce College, Baramati, Maharashtra.
- D) Our College is recognised in the band "PERFORMER" under the category "General (Non-Technical)" in Atal Ranking of Institutions on Innovation Achievement (ARIIA) 2021, a flagship program of the Ministry of Education, Government of India.



E) The College has conducted online AICTE Training and Learning (ATAL) Academy FDP on GIS and Remote Sensing.

F) The college has signed Memorandum of Understanding with the following institutions :

At National level:

- i) **TSM Education Pvt. Ltd., Raigad, Maharashtra** to jointly operate multiple programmes in areas of Music Production, Performance and Sound Technology.

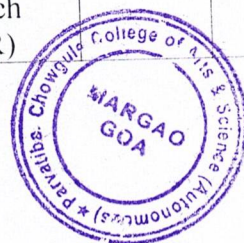
At State level

- i) **Goa Institute of Public Administration and Rural Development (GIPARD), Old Goa** to provide a framework of co-operation and facilitate collaboration to meet the broader goals of training and capacity building of government employees, elected representatives and civil society in the State of Goa.

9. **Sponsored Research Projects only sanctioned/ completed during June 2019 and August 2020 (Include only research projects of minimum Rs. One lakh).**

MAJOR RESEARCH PROJECTS

Sr. No.	Name of Investigator /s	Project Title	Date of Sanction and duration	Funding Agency	Amt. (Rs. in Lakhs)	Specify whether sanctioned/ completed with date
1	Prof. Nandkumar N. Sawant	Revealing the (In)visible cultural landscape and Heritage : Amalgation of Goa's Urban Transformation and Identity	19.09.2019 2 years	Indian Council of Social Science Research (ICSSR)	8.00	Ongoing



MINOR RESEARCH PROJECTS

Sr. No.	Name of Investigator/s	Project Title	Date of Sanction and duration	Funding Agency	Amount (Rs in Lakhs)	Specify whether sanctioned/completed with date
1	Ananya Das	Study of Bose-Hubbard model using Real Space Renormalization Group method.	17/06/2019 2 years	Director of Higher Education (DHE), Alto, Porvorim-Goa	4.30	Completed
2	Yatin P. Desai	Study of Zinc Oxide Composite Doped with Transition Metal Ions (Mn, Ni, Co, Fe)	10/12/2019 3 years	Department of Science and Technology Goa	3.20	Ongoing
3	Amisha Shirodkar Pednekar	Understanding Cellulolytic Activity of Fungi Isolated from Litter of Coconut Trees	18/12/2019 2 years	Department of Science and Technology Goa	3.00	Ongoing
4	Nandkumar N. Sawant & Nandini Vaz Fernandes	Development of Wildlife Management Plan for Bondla Wildlife Sanctuary	07/05/2020 1 year	Goa Forest Development Corporation, Govt. of Goa	2.49	Ongoing
5	Nandkumar Sawant Nandini Vaz Fernandes	Wildlife Activity App	19/06/2020 1 year	Goa Forest Development Corporation, Govt. of Goa	1.10	Completed
6	G. K. Naik	Low Temperature Synthesis & Characterization of Nanosize Metal Chromites : An Industrial Catalyst	17/06/2020 3 years	Department of Science and Technology Goa	2.50	Ongoing
7	Lactina Regina Gonsalves	Development of Functionalised Nanoparticle oxides for Gas Sensing and other Potential Applications.	26-10-2017 2 years	Director of Higher Education (DHE), Alto, Porvorim-Goa	3.10	Completed



8	Uma Masur	Molecular characterization of <i>Dysoxylum binectariferum</i> Hook. f. regenerated plants in vitro by RAPD, SSR and ISSR methods.	26-10-2017 2 years	Director of Higher Education (DHE), Alto, Porvorim – Goa	3.50	Ongoing
9	Sameena Fernandes e Falleiro	Teaching and Learning with ICT: Current Status and Future Directives with Reference To under Graduate Education in Goa	27-06-2018 2 years	DHE Research Science Promotion	2.00	Ongoing
10	Nandini Vaz Fernandes	Evaluation of effectiveness of methodologies used in conducting practicals of graduate & undergraduate courses in Biological sciences	27-06-2018 2 years	DHE Research Science Promotion	2.00	Ongoing
11	Dr. Supriya Khorjuvenkar	Isolation and characterization of yeasts from locally fermented cashew apple juice	2022-2024	Cazcar Heritage Distillery	1.68	Sanctioned

(Please make sure that all columns are filled with appropriate and correct information)

10. Sponsored Consultancy Work sanctioned during the reporting period(Include only consultancy projects with minimum Rs one lakh)

Name of faculty member, Name of consultancy project, Name of the Sponsor, Duration of consultancy, Amount, Sanction date. (For example, Mr/Ms/Dr.XXXXX, 'Economic Growth of Goa', UGC, 2 years, Rs.0.76 Lakhs).

Name of faculty member	Name of consultancy project	Name of the Sponsor	Duration of consultancy	Amount (Rs.)	Sanction date
Mr. Malcolm Afonso Assistant Professor, Department of Geology	Six Days Short Term Training Program for technical staff of the Directorate of Settlement and Land Records, Government of Goa, Panaji-Goa.	Directorate of Settlement and Land Records, Government of Goa, Panaji- Goa.	6 days (31-12-22 to 05-02-22)	80,991/-	3-01-2022



11. Conferences/Workshops Organized (Nos. only)

State Level : 02

National Level : Nil

International Level (Only if there is participation of at least 10% of Scholars from abroad) : Nil

Details of International Conferences/Workshops organized

(Specify: The title of the Conference/Workshop, funding agency, amount sanctioned and date, number of participants from abroad).

12. Publications

Publications	Cat-I	Cat-II	Cat-III	
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	Total
I. Research papers in Journals	5	3	1	9
	Foreign Publisher	Indian Publisher	Local Publisher	
II. Books/Edited Books			1	1
(a) Research papers In Edited Books				
(b) Books/ Article in Books / Chapter in book	4	3		7
	International	National	Local	
III. Research papers in Conference Proceedings				
Total	9	6	2	17

(Include publications without overlap. Articles included in Cat 1 should not be repeated in Cat II and Cat III. Similarly for other cases also)

13. Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
-	2	2

14. Invited Lectures given by the Faculty:

Abroad *	Within India	Within Goa
-	29	27



* Details of invited lectures abroad (only if visited abroad) may be given as follows: Name of the teacher, topic/ theme of lecture, Name of the Country and the institution visited, dates of visit, sponsoring / funding agency.

Name of the teacher	Topic/Theme of Lecture	Name of the Country	Institution visited	Dates of visit	Funding Agency
-	-	-	-	-	-

15. No. of teachers who obtained research degree during the year:

M. Phil.	Ph.D.
-	02

* Details of research degree obtained:

Name of the teacher	Department	Name of the thesis	University which awarded degree
. Sankrita S. Gaonkar	Department of Botany	Arbuscular mycorrhizal (AM) fungal diversity and growth studies in mangrove plant species	Goa University
Chitra Mekoth	Department of Mathematics	Fractional Regularization Methods for Ill-posed problems in Hilbert Scales	National Institute of Technology, Karnataka-Surathkal, Mangalore

16. No. of teachers pursuing Ph.D: 12

17. Awards :

Name of the faculty member	Title of the Awards/ Honours	Name of Agency / Institution sponsoring the award (only recognized and reputed agencies), Date of award
Prof. Sangeeta Sankhalkar, Professor, Department of Botany	Indian National Science Academy, New Delhi (INSA) Visiting Scientist Fellowship	University of Hyderabad, Telangana, India



18. Sports Achievements of Students: (Note: Specify only number)

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
Inter-collegiate	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Inter-University	-	-	-	-	-	-	-	-
National	-	-	2	2	-	-	-	-
International	-	-	-	-	-	-	-	-
Total	-	-	2	2	-	-	-	-

(Events organized by recognized institutions, associations and federations only)

19. Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only.

Name of the Student/ captain of the team	Name of the event in which participated (Sports /Games)	Name of the Tournament /Sport event with date	Name of the Organiser	Place won 1 st /2 nd / 3 rd
1. Devan Kumar Chittem	Cricket	Cooch Behar Trophy	BCCI	-
2. Ratika Vasu Naik	Tennis ball Cricket	32 nd Senior National Tennis Ball Cricket Championship 2021-22.	Tennis Ball Cricket Federation of India	3 rd Place
	Dueball	3 rd Senior National Federation Cup.	Dueball Federation of India	3 rd Place

(Events organized by recognized institutions, associations and federations only. Provide 5 sports Achievements in the order of its importance.)

20. Any other Special Achievements of faculty (Maximum of 4 major achievements from one College / Institution)

(Include only National and International level achievements relating to academics which are very special in nature and not covered under sl nos. 8 to 18 above)

1. Prof. Nandkumar N. Sawant, Professor, Department of Geography was awarded Certificate of Appreciation by Rotary Club of Margao in gratitude and appreciation for his hardwork and dedication and for inspiring students to learn.



2. Dr. Uma A. Masur, Associate Professor, Department of Botany has been awarded a "Certificate of Excellence in Reviewing" for best and outstanding contribution in Reviewing of Research and Review Manuscripts for the year 2020-21 by International Journal of Life Science & Pharma Research.
3. Dr. Nandini Vaz Fernandes, Associate Professor, Department of Zoology was appointed as 'External Expert' on the Advisory committee of the DBT Star College Scheme of NES Arts, Commerce and Science College, Ratnagiri Maharashtra.
4. Dr. Bhanumati Pilli, Assistant Professor, Department of Geography and Dr. Sachin Savio Moraes, Assistant Professor, Department of Sociology were selected from Western Region (Gujarat, Maharashtra, Goa) to take part in the UGC'S Unnat Bharat Mission 2.0, 1st Master Trainer's Program for Community Based Participatory Research from 20th April to 22nd April 2022 organised by Western Region Centre for Unnat Bharat at Rashtrasant Tukadoji Maharaj Nagpur University.
5. Dr. Pradeep Jatal was felicitated as the Best Teacher in Hindi by Dnyanjyot Bahuuddeshiya Sauntha, Ahmednagar, Maharashtra.
6. Dr. Aduja Naik, Assistant Professor, Department of Biochemistry and Ms. Hashma Mujawar, Assistant Professor, Department of Biotechnology, were amongst the 27 entrepreneurs felicitated at the 'Times Entrepreneurs of Goa 2021' organized by the Times India Group on 23rd December 2021 at Alila Diwa, Goa and presented by the Directorate of Information & Publicity, Government of Goa.

Ananya Das

Signature of Principal



Date : 20th December 2022 -

Place: Margao, Goa

Note: Principals/Directors are requested to scrutinize the details and forward only the relevant and correct details as per the above format. The information is to be provided for the college/institution as a whole and not by Department wise or section wise.