

Chowgule Education Society's

Parvatibai Chowgule College of Arts and Science Autonomous

Accredited by NAAC with Grade 'A+'
Best Affiliated College-Goa University Silver Jubilee Year Award

Format to be used by Principals/Directors of Colleges for submitting details to University for preparation of Annual Report 2023-24

(Note: The information should cover the period from **June 2023 to May 2024**)

1. Year of Establishment: June 1962

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

3. Principal's Details:

- Name: Prof. (Dr.) Sangeeta G. Sankhalkar
- 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):

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	4 Star level	-	9 th October 1999	-
2	A	3.29	8 th March 2009	7 th March 2014
3	A	3.41	5 th May 2014	31 st December 2020
4	A+	3.27	29 th March 2022	28 th March 2027

5. Courses offered, sanctioned and filled strength:

Courses	Sanctioned Strength	Filled Strength
<u>Undergraduate Programmes (Aided)</u>		
F.Y.B.Sc.	176	123
S.Y.B.Sc.	176	124
T.Y.B.Sc.	176	122
F.Y.B.A	180	164
S.Y.B.A	180	163
T.Y.B.A	180	154
<u>Undergraduate Programmes (Self-financed)</u>		
F.Y.B.Sc.-Biotech	30	31
S.Y.B.Sc. Biotech	30	32
T.Y.B.Sc. Biotech	30	34
F.Y.B.Sc. – Biochemistry	-	-
S.Y.B.Sc. – Biochemistry	30	13
T.Y.B.Sc. – Biochemistry	30	17
F.Y. B.Voc - Software Development	30	30
S.Y. B.Voc - Software Development	30	17
T.Y.B.Voc - Software Development	30	18
<u>Postgraduate Degree Programmes (Self-financed)</u>		
M.A. Geography – Part I	20	14
M.A. Geography – Part II	20	10
M.A. Child Psychology & Child Development – Part I	20	04
M.A. Child Psychology & Child Development – Part II	20	15
M.A. English – Part I	20	17
M.A. English – Part II	20	20
M.Sc. Information Technology – Part I	20	18
M.Sc. Information Technology – Part II	20	20
M.Sc. Analytical Chemistry – Part I	20	09
M.Sc. Analytical Chemistry – Part II	20	22
M.Sc. Geoinformatics – Part I	20	13
M.Sc Geoinformatics – Part II	20	11
<u>Postgraduate Diploma Programme (Aided)</u>		
Post Graduate Diploma in Computer Applications	30	04
<u>Postgraduate Diploma Programmes (Self-financed)</u>		
Post Graduate Diploma in Geoinformatics	20	11
Post Graduate Diploma in Clinical Genetics and Medical Laboratory Techniques	15	12
<u>Ph.D Programmes</u>		
Ph.D in Geography	12	6
Total		1248

Research Centre, If any : i. Geography

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

Subject	No. of Candidates
Geography	03

6. Any new course(s) started: - Nil -

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	01
Professor	02
Associate Professors	18
Assistant Professors	36
College Librarian	01
Director of Physical Education (Selection Grade)	01
Contract Teachers (Regular + Self-financed)	22 (7+15)
Total	81

8. Achievements of the College:

1. The college has been granted a patent No. 492798 entitled "*Baked Compositions and Process of Preparation thereof*".
2. The college has signed Memorandum of Understanding with the following institutions:

At International level :

- a. Waseda University, Japan on 11th October, 2023 to promote research activities, educational activities, and global academic and cultural exchanges.
- b. Tullinge Gymnasium, Stockholm, Sweden on 23rd June 2023 to promote academic, cultural and educational exchange and co-operation through an academic and cultural exchange program between the two institutions' teachers and students.

At State level

- a. Sangath, Goa on 20th July 2023 to enable both parties to collaborate on a number of initiatives including cutting-edge research, innovative courses for students and professionals, and internship/placement opportunities.
- b. BITS Pilani, Goa Campus on 16th November 2023 to promote academic and research collaboration in areas of mutual interest leading to collaborative research projects, joint

workshops, seminars, students' project work, exchange of academic and scholarly information, publications. It will further explore Academic Bank of Credits transfer. The MOU also holds an opportunity for faculty and students for direct enrollment for PhD Programme at BITS.

- c. Goa Institute of Public Administration and Rural Development (GIPARD), Old Goa on 6th March 2024 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 2023 and May 2024 (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	Overseas Migration and "Emptiness" at the place of origin : Understanding Dynamics in Goa in the 21 st Century.	12/03/2024 2 years	Goa State Research Foundation (GSRF)	8.00	Sanctioned 12/03/2024
2	Prof. Sangeeta G. Sankhalkar	Evaluating the potential of cyanophyccan algal cultures as a ecofriendly biofertilizers Ref. No. 6-33-2020/S&T&WM259 dated 26-05-2023	26/05/2023 3 years	Department of Science and Technology and Waster Management (DSTE), Government of Goa	6.25	Ongoing
3	Prof. Nandkumar N. Sawant	Revealing the (In)visible cultural landscape and Heritage : Amalgation of Goa's Urban Transformation and Identity Ref .no.: IMPRESS/P1922/618/ 2018-19/ICSSR dtd. 19/09/19	19/09/2019 2 years	Indian Council of Social Science Research (ICSSR)	8.00	Completed 18/11/2023

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	Dr. Chitra Mekoth	'Fractional regularization using Iterative methods to solve ill-posed problems' Ref. No. GSRF/ Scheme/RSG/14/2023-24/106(6) dated 05/01/2024	05/01/2024 2 years	Goa State Research Foundation	5.00	Sanctioned 05/01/2024
2	Dr. Rupali Tamuly	'Natural Disasters And Its Impact On The Economic Status Of Tribals In Goa: A Household Level Analysis' Ref.No. GSRF/Schemes/Minor GR/12/2023/112(2) dated 09/01/2024	09/01/2024 2 years	Goa State Research Foundation	1.06	Sanctioned 09/01/2024
3	Dr. G.K. Naik	Low Temperature Synthesis & Characterization of Nanosize Metal Chromites : An Industrial Catalyst Ref.no: 6-360-2018/S&T/DIR/254 dated 17/06/2020	17/06/2020 3 years	Department of Science and Technology Goa	2.50	Completed June 2023
4	Prof. Nandkumar N. Sawant & Prof. Nandini Vaz Fernandes	Development of Wildlife Management Plan for Bondla Wildlife Sanctuary Ref.no: 1/EST/GFDC/MP(WL S/NP)/2019-20/90 dated 7/5/2020	07/05/2020 1 year	Goa Forest Development Corporation, Govt. of Goa	2.49	Ongoing
5	Dr. Uma Masur	Molecular characterization of Dysoxylum	26-10-2017 2 years	Director of Higher Education	3.50	Ongoing

		binectariferum Hook. f. regenerated plants in vitro by RAPD, SSR and ISSR methods. Ref.no-9/328/2016-17/SPSE-PP/DHE/2301 dated 26/10/2017		(DHE), Alto, Porvorim –Goa		
6	Prof. Nandini Vaz Fernandes	Evaluation of effectiveness of methodologies used in conducting practicals of graduate & undergraduate courses in Biological sciences Ref. no- 9/328/2016-17/SPSE-PP/DHE/ (Part File-I)1317 dated 22/06/2020	27-06-2018 2 years	DHE Research Science Promotion	2.00	Ongoing
7	Dr. Supriya Khorjuvenkar	Isolation and characterization of yeasts from locally fermented cashew apple juice	29/04/2022 2 years	Cazcar Heritage Distillery	1.68	Ongoing

(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 (Rs.)	Sanction date
Dr. Saieesh Morajkar	'Monitoring physio-chemical water and soil quality parameters of Nanda Lake for sustainable management and planning of the Ramsar Site	Goa State Wetland Authority (GSWA), Department of Environment and Climate Change, Government of Goa, Saligao, Bardez Goa	1 year	375240	09/08/2023

11. Conferences/Workshops Organized (Nos. only)

International Level: Nil

National Level : Nil

State Level : 02

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	-	2	7
	Foreign Publisher	Indian Publisher	Local Publisher	
II. Books/Edited Books	-	-	-	-
(a) Research papers In Edited Books	-	1	-	1
(b) Books/ Article in Books	1	3	1	5
	International	National	Local	
III. Research papers in Conference Proceedings	2	1		3
Total	8	5	3	16

(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 (Note : Specify only number):

Abroad	Within India	Within Goa
02	10	02

14. Invited Lectures given by the Faculty (Note : Specify only number):

Abroad *	Within India	Within Goa
-	09	42

15. No. of teachers who obtained research degree during the year (Note : Specify only number):

M. Phil.	Ph.D.
-	02

* Details of research degree obtained:

Name of the teacher	Department	Name of the thesis	University which awarded degree
Dr. Rupali Tamuly	Economics	Economic Development and Health in India : A Household-Level Analysis	Goa University
Dr. Pranjita Ganesh Zantye (Contractual faculty (SF) during A.Y.2023-24)	Biochemistry	Design of Octaarginine Functionalized Hydroxyapatite Nano-delivery System for Efficient and Sustained Delivery of siRNA in Embryonic Stem Cells	BITS Pilani K K Birla, Goa campus

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

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
Major (Dr.) Gunaji Sadanand Desai	Appreciation of Lifetime Achievement	1Goa Battalion NCC January 2024

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	5	2	2	9			3	3
State		1		1				
National		3	1	4				
International								
Total								

(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
Mitali Tamse	Sqay Martial Arts	37th National Games, Goa from	Government of Goa	2 nd

Aivanna Jade Antonia Dmello Miranda	Classic Powerlifting	West India Women's Classic Powerlifting Championship 2023 held at Madgaon-Goa from 27 th to 29 th September, 2023.	Powerlifting India	2 nd
Leroy James Cardozo	Powerlifting (Raw)	30th Indian National Powerlifting Championship (Raw) 2023- 2024 held at Mumbai from 26 th to 28 th January, 2024.	Navi Mumbai Powerlifters Association	2 nd
Mitali Tamse	Sqay Martial Arts	24th Sqay National Championship held at Jaipur, Rajasthan from 4 th to 6 th January, 2024	Sqay Association of Rajasthan	3 rd

(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)

- 1) Dr. (Ms). Sameena Falleiro, Head & Associate Professor, Department of Computer Science participated in an '*Academic Leadership Programme*' organized by Infosys Springboard in collaboration with Directorate of Higher Education (DHE) and Goa State Higher Education Council (GSHEC) at Infosys Mysore Training Campus from 22nd to 24th November, 2023.
- 2) Dr. Rupali Tamuly, Head & Associate Professor, Department of Economics presented a joint research paper coauthored by Prof. Pranab Mukhopadhyay, titled, '*Adaptation to natural disasters by households: A panel data analysis*' at the 3rd International Symposium on 'Disaster Resilience and Sustainable Development' (DRSD 2023) at Asia Institute of Technology, Bangkok, Thailand from 7th to 8th December, 2023.
- 3) Dr. Rupali M. Tamuly, Associate Professor, Department of Economics was awarded Doctor of Philosophy in Economics, for her thesis entitled 'Economic Development and Health in India: A Household Level Analysis' under the guidance of Prof. Pranab Mukhopadhyay, Goa Business School, Goa University on 19th February, 2024.
- 4) Faculty Participation in Vidnyan Dhara 2024, a Mega Science Series, organized by the Directorate of Higher Education (DHE) Government of Goa and Goa State Higher Education Council (GSHEC).
 - Dr. Mayuri Naik, Assistant Professor, Department of Chemistry was the resource person at different High Schools and Higher Secondary Schools in Goa under the programme of "Vidnyan Dhara 2024"
 - Ms. Swati Ghadi, as resource person, delivered a talk on the topic '*Geology in a Nutshell*' in the following four Institutes.
16th February, 2024 - AIMS, Salcete

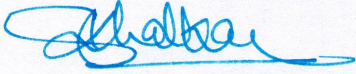
17th February, 2024 - United High School, Cuncolim
19th February, 2024 - Crescent High School, Fatorda
22nd February, 2024 - St. Jude High School, Betalbatim

- Mr. Sachit Kuttikar, as a resource person, delivered a talk on the topics- '*Unveiling the daily application of rocks*' and '*Rocks and their Significance*' in the following three Institutes/Schools.

9th February, 2024- Anjuman Himayatu slam High School, Vasco

12th February, 2024 - Infant Jesus High School, Cuncolim

20th February 2024 - St. Francis Xavier High School, Macasana



Signature of Principal

PRINCIPAL
PARVATIBAI CHOWGULE COLLEGE
OF ARTS & SCIENCE (AUTONOMOUS)
MARGAO-GOIA
Date: 23 July 2024
Place: Margao, Goa

