

**Format to be used by Principals/Directors of Colleges for submitting details to University  
for preparation of Annual Report 2019-20**



**Parvatibai Chowgule College of Arts and Science**  
Autonomous

Accredited by NAAC with Grade 'A' (CGPA Score 3.41 on a 4 Point Scale)  
Best affiliated College-Goa University Silver Jubilee Year Award

(Note: The information should cover the period from **June 2019 to August 2020**)

**1. Year of Establishment: June 1962**

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

**3. Principal's Details:**

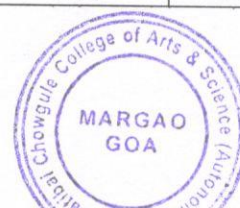
- Name: Dr. Shaila R. Ghanti (Offg. Principal)
- Contact No: **(0832) 2722222**
- Email: [principal@chowgules.ac.in](mailto:principal@chowgules.ac.in)
- College website: [www.chowgules.ac.in](http://www.chowgules.ac.in)

**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 3.41 on a 4 point scale in the third cycle of accreditation in May 2014.

**5. Courses offered, sanctioned and filled strength:**

Courses	Sanctioned Strength	Filled Strength
<b><u>Undergraduate Courses</u></b>		
F.Y.B.Sc	240	221
S.Y.B.Sc	180	206
T.Y.B.Sc	150	216
F.Y.B.Sc.-Biotech	30	29
S.Y.B.Sc. Biotech	25	29
T.Y.B.Sc. Biotech	25	26
T.Y.B.Sc. Geography (self-financed)	20	8
F.Y.B.Sc. – Biochemistry (self-financed)	30	25
S.Y.B.Sc. – Biochemistry (self-financed)	25	20
T.Y.B.Sc. – Biochemistry (self-financed)	25	14
F.Y.B.Sc. – Statistics (self-financed)	20	0
S.Y.B.Sc. – Statistics (self-financed)	20	2
T.Y.B.Sc. – Statistics (self-financed)	20	5
F.Y.B.A	180	241
S.Y.B.A	180	179



T.Y.B.A	180	130
F.Y.B.A. – Portuguese	20	0
S.Y.B.A. – Portuguese	20	0
T.Y.B.A. – Portuguese	20	0
T.Y.B.A. – Sociology (self-financed)	30	28
F.Y. B.Voc – Software Development (self-financed)	30	19
S.Y. B.Voc – Software Development (self-financed)	30	26
T.Y. B.Voc – Software Development (self-financed)	30	13
F.Y.B.Voc – 3D Media & Virtual Reality – VFX (self-financed)	30	10
S.Y.B.Voc – 3D Media & Virtual Reality – VFX (self-financed)	30	12
F.Y.B.Voc–Multimedia –Digital Filmmaking (self-financed)	30	9
S.Y.B.Voc–Multimedia –Digital Filmmaking (self-financed)	30	11
<b>Postgraduate Courses</b>		
M.A. – Part I (Geography)	25	10
M.A. – Part II (Geography)	25	5
M.Sc. – Part I (Information Technology)	20	20
M.Sc. – Part II (Information Technology)	20	16
M.Sc. – Part I (Analytical Chemistry)	20	13
M.Sc. – Part II (Analytical Chemistry)	20	11
M.A. – Part I (Economics)	20	8
M.A. – Part II (Economics)	20	7
M.A. – Part I (Hindi)	20	8
M.A. – Part II (Hindi)	20	16
M.A. – Part I (Psychology)	20	10
M.A. – Part II (Psychology)	20	13
M.A. – Part I (English)	20	5
M.A. – Part II (English)	20	7
M.Sc. – Part I (Geoinformatics)	20	8
Post Graduate Diploma in Computer Applications	30	13
Post Graduate Diploma in Geoinformatics (self-financed)	25	23
Post Graduate Diploma in Clinical Genetics and Medical Laboratory Techniques (self-financed)	15	9
<b>Total</b>		<b>1681</b>

**Research Centre, If any :**

- Geography
- Hindi
- Botany





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

Subject	No. of Candidates
Geography	04
Hindi	03
Botany	Nil

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	01
Professor	01
Associate Professors	20
Assistant Professors	30
Librarian (Selection Grade)	01
Director of Physical Education (Selection Grade)	01
Contract Teachers (Regular + Self-financed)	15
<b>Total</b>	<b>69</b>

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

- A. Our College is categorized as 'Band A' institution(Rank between 06-25) in category of "Institutes & Colleges (Govt. and Govt. Aided)" in Atal Ranking of Institutions on Innovation Achievement(ARIIA) 2020 announced by MHRD, Govt. of India, on 18th August 2020.



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	Sanctioned
2	Dr. Purnima Singh	Studies on characterization of most promising substance of biotechnological interest from selected bacterial strains of extreme environment.	14.08.2017 2 years	Science & Engineering Research Board (SERB)	19.20	Completed

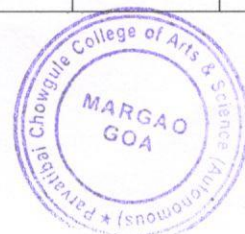
### MINOR RESEARCH PROJECTS

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	Sanctioned
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	Sanctioned





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	Sanctioned
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	Sanctioned
5	Nandkumar Sawant Nandini Vaz Fernandes	Wildlife Activity App	19/06/2020 1 year	Goa Forest Development Corporation, Govt. of Goa	1.10	Sanctioned
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	Sanctioned
7	Magnolia Miranda	Study of the Microstructures of the Canacona Granites"	26/06/2020 2 years	Department of Science and Technology Goa	2.50	Sanctioned
8	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	Ongoing
9	Uma Masur	Molecular characterization of Dysoxylum binectariferum 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
10	Sameena Fernandes e	Teaching and Learning with ICT: Current Status	27-06-2018 2 years	DHE Research	2.00	Ongoing





	Falleiro	and Future Directives with Reference To under Graduate Education in Goa		Science Promotion		
11	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

(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
Uma Masur S. S. Adsul Deepak Kumbhar	Medicinal Plant Cultivation	Gold Shield Real Estate Pvt Ltd. Company, (GSREPL), Raia	1 year	2.57 lakhs	April 2019
Nandkumar Sawant Nandini Vaz Fernandes Uma Masur Sanjay Gaikwad Deepak Kumbar	PBR (People's Biodiversity Register) for the villages of Molcornem, Xeldem, Avedem, Bhatti, Ugem, Barcem, Morpila, Balli, Cavrem and Benaullim	Goa State Biodiversity Board (GSBB), Saligao, Goa	2019-20	6.50 lakhs	30/10/2019
Adrian Ferro	CRYO Times – E-Newsletter' (2 Issues)	Kolhapur Oxygen & Acetylene Pvt. Ltd., Kolhapur	2019-20	10,000 /- (Rs., 5,000/- per issue)	-

**11. Conferences/Workshops Organized (Nos. only)**

State Level : 01

National Level : 03



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	10	02	02	14
	Foreign Publisher	Indian Publisher	Local Publisher	
II. Books/Edited Books	-	-	-	-
(a) Research papers In Edited Books	-	-	-	-
(b) Books/ Article in Books	05	04	02	11
	International	National	Local	
III. Research papers in Conference Proceedings	-	-	-	-
<b>Total</b>	<b>15</b>	<b>06</b>	<b>04</b>	<b>25</b>

(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
01	11	12

**14. Invited Lectures given by the Faculty:**

Abroad *	Within India	Within Goa
01	16	24





\* 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
Ms. Madhavi Motankar	Types of Electrophoresis and medicinal plants used in India	Sweden	Tullinge Gymnasium and Bromma Gymnasium	1 <sup>st</sup> to 14 <sup>th</sup> September, 2019	Self-funded

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

M. Phil.	Ph.D.
-	01

\* Details of research degree obtained:

Name of the teacher	Department	Name of the thesis	University which awarded degree
Starlaine Mascarenhas	Biotechnology	Environmental Toxins Responsible for the Development of Chronic Kidney Disease of Unknown Etiology (CKDu) in Canacona Taluka, Goa	BITS Pilani University, Rajasthan

**16. No. of teachers pursuing Ph.D: 14**

**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
Hanumant Chopdekar	T. M. Pai Foundation Literary Award	T.M. Pai Foundation, Manipal, Karnataka 10 <sup>th</sup> May 2019
Anand Masur	Rangasanman Puraskar	Kala Academy, Goa 11 <sup>th</sup> July 2019





**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	3	11	6	20		5	3	8
State	2	1		3				
Inter-University								
National		1	1	2				
International								
Total	5	13	7	25		5	3	8

(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 <sup>st</sup> /2 <sup>nd</sup> / 3 <sup>rd</sup>
Saachi Ajay Gramopadhye	100 mtrs freestyle swimming	Khelo India National Games January 2020	Govt. of India	2nd
Shet Narvekar Kiran Gurudas	100 mtrs freestyle swimming	Khelo India National Games January 2020	Govt. of India	2nd

(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, Principal was appointed as a Member of International Editorial Board(2020-2025) of the 'Konkan Geographer'– Journal of the Konkan Geographer's Association of India, Sindhudurg, Maharashtra.
2. Prof. Sangeeta G. Sankhalkar, Department of Botany has been awarded the Indian National Science Academy (INSA) visiting Scientist Fellowship 2020-21 for three months to undertake research work in a reputed Indian Institute/University.
3. Dr. Hanumant Chopdekar, Department of Konkani, has been appointed on the Editorial Board as a member of Konkani Research Journal 'Sasai' by Vice Chancellor of Goa University for three years (2019 to 2022), and also a Coordinator of 'Manuscript Selection Committee' of Goa Konkani Academy, Govt. of Goa for the year 2019-20.

Signature of Principal/Director

Date : 13<sup>th</sup> October 2020

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.

