Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	**CHIKKANNA GOVERNMENT ARTS COLLEGE**
Name of the head of the Institution	**Dr. Deepa**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**04212242152**
Mobile no.	**9486217090**
Registered Email	**cgactpr@gmail.com**
Alternate Email	**iqaccgac@gmail.com**
Address	**Chikkanna Government Arts College, College Road, Tirupur - 641 602**
City/Town	**TIrupur**
State/UT	**Tamil Nadu**
Pincode	**641602**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**state**
Name of the IQAC co-ordinator/Director	**Dr. Haresh M. Pandya**
Phone no/Alternate Phone no.	**04212242152**
Mobile no.	**9894336750**
Registered Email	**haresh.pandya@rediffmail.com**
Alternate Email	**haresh@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://cgac.in/iqac/assets/files/aqar_report_2018-19.pdf

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://cgac.in/uploads/calender/2019-2020.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity Period From	Validity Period To
1	**B+**	**76.20**	**2004**	**03-May-2004**	**02-May-2009**
2	**B**	**2.66**	**2015**	**03-Mar-2015**	**02-Mar-2020**

6. Date of Establishment of IQAC	**05-Jan-2005**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries

YOGA	09-Jul-2019 54	713
Orientation for I B.Sc. Physics	06-Aug-2019 1	24
Annular Solar Eclipse Training Programme	19-Dec-2019 1	50
Annular Solar Eclipse Tiruppur District Public Outreach Programme	26-Dec-2019 1	216
One Day Workshop on Perspectives of MEMS Technology	20-Jan-2020 1	154
History of Tirupur	07-Feb-2020 1	128
National Science Day Celebration	28-Feb-2020 1	150
Why we need Physics?	05-Mar-2020 1	75
Lecture on Mathematical Physics	20-Mar-2020 1	95
Latest Trending in Textile Manufacturing process and products	12-Feb-2020 1	124
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Physics	Major Project	DST	2016 1440	120000
Physics	Major Project	DRDO	2018 1080	870000
Chikkanna Governemnt Arts College	Funds for Infrastructure Development	RUSA	2019 360	5000000
Chikkanna Governemnt Arts College	Fund for Academic Facilities Maintainence (PWD)	Government of Tamilnadu	2019 360	6066231
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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	[View File](#)

10. Number of IQAC meetings held during the year :	**6**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	[View File](#)
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

12. Significant contributions made by IQAC during the current year(maximum five bullets)

IQAC paved way for creating more green space in the campus.

IQAC initiated the process for augmentation of infrastructure and therefore was instrumental in constructing additional Block and procuring infrastructure.

IQAC helped in the setting up of a textile testing lab for CDF

IQAC was instrumental in coordinating the works between the NIRF and AISHE

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
To construct ten additional classrooms and four rest rooms for hosting the department of Economics and Tamil	**MGR Block was constructed through state fund and the necessary infrastructure was created**
To create textile testing laboratory for the department of CDF	**Textile testing laboratory was set up in the MGR Block**
To install additional CCTV points	**Two more camera points installed**
To augment the Classroom infrastructure	**Desks and Benches were Procured through MLA fund and old furniture's were repaired**
To send proposals for starting research courses	**Proposals sent for starting Ph.D., Programmes in management international business Computer applications and Economics**
To prepare the students for competitive exams and train the students on soft skills	**Programmes were conducted on soft skills and competitive examinations**
To request the NSS units to create more green spaces	**Tirupur Kumaran Memorial Park was set up**

14. Whether AQAR was placed before statutory body ?	**Yes**

Name of Statutory Body	Meeting Date
Governing Council	**16-May-2022**

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**No**

16. Whether institutional data submitted to AISHE:	**Yes**

Year of Submission	**2019**

Date of Submission	**31-Dec-2019**

17. Does the Institution have Management Information System ?	**Yes**

If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	**Partial MIS The Library transactions are carried out by Bar Code Technology. It has the facility of Web OPAConline search. So the library catalogue can be accessed through intranet**

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

The curriculum offered by the parent University was implemented and delivered effectively during 2019-20. A precise mention of credits, teaching hours, division of CIA and external marks were given to the students. Detailed syllabus for each course, text books, reference books, list of practical experiments and question patterns were explained elaborately. Further, effective delivery of curriculum and its documentation for the academic year 2019-2020 was ensured through the following ways: • An Academic Calendar in tune with the University Schedule was prepared before commencement of the academic session through a meeting of the Principal, IQAC members and Heads of all Departments. • A Time Table for conduct of courses in each programme was prepared and offered to the faculty members and students. Subjects were allocated well in advance to teachers based on their subject expertise and interests. • A Master Time Table was prepared for better coordination among various departments and to avoid overlapping of allied courses. • Lesson Plans and assignments were organized by individual teachers for their courses before the start of semesters. • To keep abreast of any syllabi advancements and deliver the same, the college largely encouraged teachers to participate in

varied academic forums, refresher courses and other development programmes. • Additional resources such as internet facilities, laboratory equipments, ICT enabled devices and other modern teaching aids were provided to support effective translation of curriculum. Latest books on each course were procured for staff/students use. • Guest lectures were regularly arranged to bridge the gap in the prescribed curriculum. • The college monitored the student's involvement and their performance through CIA (Continuous Internal Assessment) conducted thrice a semester. • Result analysis was done and appropriate remedial measures through UGC funding were taken by the HOD/Principal/IQAC to improve students pass percentage. • Performance of the students in laboratory experiments were timely assessed and graded according to the performance indicators. • The result analysis of the internal assessment is done and proper measures are incorporated to improve the performance by arranging remedial classes for the weaker students and giving additional assignments/tasks to the brighter students. • Staff members of the College who act as Chairman/Members of Board of Studies took effective steps to enrich, organize and modify the syllabus based on recommendations received from the stakeholders of the institution.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
NIL	NIL	Nil	0	NIL	NIL

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nill	NIL	Nill
No file uploaded.		

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
Nill	NIL	Nill

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	0	0

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
COMPUTER LITERACY PROGRAMME	01/06/2001	572
YOGA	06/07/2014	713
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships

MSc	Computer science	21
MCom	COMMERCE IB	23
BSc	CDF	37
BSc	COMPUTER SCIENCE	72
BSc	COMPUTER APPLICATION	17
MA	ENGLISH	15
MSc	PHYSICS	27
MSc	MATHAMETICS	13
MSc	ZOOLOGY	13
MSc	Costume design and fashion	4

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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained

The institution obtained feedback on its academic and administrative performance from its internal and external stakeholders - students, teachers, alumni, non-teaching staff, parents, employers, experts and others. These feedbacks were obtained through questionnaires and regular meetings. Such significant feedback considered for the development of the institution are presented below: Feedback from students ? Students' feedback obtained on teachers for the respective courses on various teaching/learning aspects was analysed by the HODs and corrective measures were taken for further improvement. ? Feedback collected from students at the end of every semester on various courses was used for making course delivery effective and suggesting any changes in the curriculum. Few of our faculty acted as representatives in various positions as chairman, members etc., of the board of studies of the parent university effectively recommend changes in curriculum whenever required. ? Class tutors receive group feedback from students directly after the completion of a paper in a semester. Difficulties faced by the students like vast syllabus with less time allotted, theory papers needing practical's, unavailability of local reference books and less choice of electives etc. were noted down and officially communicated to the University through proper channel. ? Feedback from final year students are taken for their suggestions in improving the curriculum and was conveyed to the Chairman, BOS of the respective programmes of Bharathiar University. ? Feedback about the infrastructural facilities was taken from the final year students at the end of the program for improving the lab facilities. ? Feedback on the institution's library were obtained through suggestion boxes and was used to enrich the library stock and ease of access. Feedback from teachers ? Feedback on the curriculum and students are obtained from teachers through regular staff

meetings. These feedback were constructively used by the institution to create a favourable learning environment and up gradation of various infrastructural facilities. ? Feedback from teachers was also obtained by the Principal and member of the Senate who represent the college in the University Senate. Feedback from Alumni ? Feedback obtained from alumni on curriculum and institution's overall performance was considered seriously for making changes in curriculum and improving the institutions performance in all spheres. ? Feedbacks from parents were obtained through regular Parent-Teachers meetings. Parents also gave their feedback during their meeting with teachers and heads of departments on various occasions. Such feedbacks are specifically used for giving individual attention to needy students. Feedback from Non-teaching Staff ? Feedback from non-teaching staff through regular meetings were constructively used to develop the administrative facilities of the institution. ? Feedback were received through suggestion box from the stake holders

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BA	TAMIL	36	454	36
BA	ECONOMICS	36	454	35
BA	ENGLISH	50	454	50
BA	HISTORY	50	454	48
BSc	CHEMISTRY	48	843	47
BSc	PHYSICS	29	843	29
BSc	ZOOLOGY	48	843	48
BSc	MATHEMATICS	75	843	53
BSc	COMPUTER SCIENCE	120	843	106
BSc	CDF	50	843	50

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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	2013	371	19	0	94

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used

113	103	19	7	0	19

View File of ICT Tools and resources

View File of E-resources and techniques used

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

The Class tutor acts as the mentor for the students. Students are mentored on both personal and academic affairs. A tutorial record is maintained for each class. The record contains students' personal details. Academic progress of the students are precisely recorded in these registers. Students CIA marks along with ESE marks are recorded in this register. The mentors observes and identifies the slow learners and advanced learners and provide them with appropriate counselling. The financial requirements for the students are also assessed by the mentors and are made aware about the various scholarships. They are also encouraged to apply for various government scholarships.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2384	113	1:21

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
146	113	33	12	72

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr.I. Jayalakshmi	Assistant Professor	Women researcher award
2019	Dr.I. Jayalakshmi	Assistant Professor	Sirandha Panbalar award

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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BA	All Arts	ODD/2019	29/11/2019	18/01/2020
BCom	ALL COMMERCE	ODD/2019	29/11/2019	18/01/2020
BSc	ALL SCIENCE	ODD/2019	29/11/2019	18/01/2020
MCom	COMMERCE IB	ODD/2019	29/11/2019	18/01/2020
MSc	ALL SCIENCE	ODD/2019	29/11/2019	18/01/2020
BA	ALL ARTS	EVEN/2020	25/09/2020	15/10/2020
BCom	ALL COMMERCE	EVEN/2020	25/09/2020	15/10/2020
BSc	ALL SCIENCE	EVEN/2020	25/09/2020	15/10/2020

| MCom | COMMERCE IB | EVEN/2020 | 25/09/2020 | 15/10/2020 |
| MSc | ALL SCIENCE | EVEN/2020 | 25/09/2020 | 15/10/2020 |

2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Due to COVID 19 Lock downs, the college brought massive changes in the mode of conducting the CIA in the even semester. Teachers conducted online tests – both objective and descriptive. Assignments were also given and obtained online. Google Suite and Google Classrooms were extensively used by the teachers to conduct the Continuous Internal Evaluation (CIA). The primary CIE criteria fixed by the parent university remained the same as previous year. The pattern of award of internal marks is informed to the students well in advance. The instructions on Continuous Internal Assessment is given to the students during the orientation programme for freshers. These details are also elaborated by the Heads of each Department and the respective tutors. A brief write up on the criteria and procedures of CIE is also given in the College Calendar for students repeated reference. The college calendar is issued to all the students at the beginning of every academic year. The CIA tests were conducted centrally. All tests were conducted uniformly on scheduled dates. Model Examination at the end of the semester was also centralised. Separate registers are maintained to record the CIA marks of each students. Each department is provided with the CIA register and a batch-wise complete record of students is maintained. Criteria of Assessment The evaluation plan as prescribed by the Bharathiar University for continuous Internal Assessment (CIA) is prepared at the beginning of the Academic year. 25 and 40 of maximum marks of each subject is prescribed as CIA marks for theory and practical subjects respectively. Among the 25 it is split up as 10 marks for unit tests, 10 marks for model exam and 5 marks for Assignment. Two units will be completed for first CIA test and next two units for second CIA and all the five units for model exams. To evaluate the understanding of the subjects apart from CIA, class test, assignments and seminars are given. For practical exam the 40 is split for regularity in carrying out the experiments and model exam. Subject wise marks are maintained in the concerned department by the in charge teachers. After examination, question paper is discussed in detail with students in classroom and guidelines are given to improve their performance in the end semester examination.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

The Controller Section of the Parent University conducts the End Semester Examinations and the University works on a planned academic calendar. However, the College is empowered to fix dates for conduct of CIA and practical examinations. The college calendar was prepared for the year 2019-20 with the details of working days, Day orders, approved Government holidays and the time schedules for CIA tests and model examination and the same was distributed to all the faculty members and students at the beginning of the academic year. In addition to the regular contents of an academic calendar, the calendar for this academic year also hosted information pertaining to the code and conduct, courses, committees, fees, and others for the benefit of students and Staff. The academic calendar prepared by the college committee acts as the guide and planner for the academic year. This calendar will help the students and teachers to plan for the academic year. This gives clear schedules on conduct of internal tests and model examinations. The college also worked on temporary schedules to overcome the challenges posed by COVID 19 Lockdowns on the conduct of internal tests and practical examinations. Monthly calendars were issued to tackle the uncertainty during even semester.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

http://cgac.in/assets/img/CGAC%20courses%20Programme%20Outcomes.pdf

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
21A	BA	TAMIL	4	3	75
21E	BA	HISTORY	31	28	90.32
2AA	BCom	COMMERCE	82	80	97.56
2AC	BCom	COMMERCE CA	54	53	98.15
2AN	BCom	COMMERCE IB	46	25	54.35
22D	BSc	CHEMISTRY	42	42	100
22K	BSc	Computer Science	59	44	74.58
22J	BCA	Computer Application	40	10	25
22T	BSc	Costume Design And Fashion	32	32	100
22A	BSc	Mathematics	53	52	98.11

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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

https://cgac.in/iqac/assets/sss/SSS-2019-20.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	1460	DST	1953967	120000
Major Projects	1095	DRDO	2287000	870000

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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative

practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Ornaments and Accessories Exhibition	Costume Design and Fashion	30/10/2019
One Day Workshop on Perspectives of MEMS Technology-dated 20/01/2020	Physics	20/01/2020
(One Day TANSCHE TNSCST SPONSORED National Conference on Modern Innovations Perspectives on Emerging Interfaces in Physical Sciences Technology NCPST 2020-dated 5th March 2020)	Physics	05/03/2020
Tamil Nadu State Council for Science and Technology SPONSORED State level seminar on Water Stress and scarcity: Challenges for students	Computer Science	19/03/2020

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
NIL	NIL	NIL	Nill	NIL

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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
Nodal Center for BHARATHIAR ENTREPRENEURSHIP, INNOVATION AND CARRER HUB (BEICH-RUSA II)	SKILL DEVELOPMENT PROGRAMME IN GOVERNMENT COLLEGES UNDER RUSA ENTREPRENEURSHIP HUB	RUSA	--	--	10/10/2019

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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded

Department	Number
Commerce	23
Zoology	3
Computer Science	1

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	English	2	2.1
National	Physics	3	2.2
International	Physics	8	2.1
International	Chemistry	10	3.02
International	Mathematics	10	2.03
International	Computer Applications	5	2.30
National	Commerce	8	6.65
International	Commerce	6	6.3
International	International Business	2	6.76

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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
English	3
History	1
Mathematics	1
Costume Design and Fashion	3
Library Information Science	1

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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Prediction of software fault-prone classes using an unsupervised hybrid SOM algorithm", Cluster Computing	C.Viji, N.Rajkumar, S.Duraisamy	Cluster Computing	2019	9	Chikkanna Govt. Arts College, Tiruppur	9

Title	Author	Journal	Year	Citations	Institution	Count
Sensitivity enhancement of surface plasmon resonance sensor using hybrid configuration of 2D materials over bimetallic layer of Cu-Ni	K.B.Rajesh	Optics Communications	2020	27	Chikkanna Govt. Arts College, Tirupur	27
A novel curcumin-loaded PLGA micro magnetic composite system for controlled and pH-responsive drug delivery	G.Rajagopal et.al	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2019	17	Chikkanna Govt. Arts College, Tirupur	17
Iron oxide nano particle core-shell magnetic microspheres: Applications toward targeted drug delivery	G.Rajagopal et.al	Nanomedicine: Nanotechnology, Biology and Medicine	2020	10	Chikkanna Govt. Arts College, Tirupur	10
One-pot green synthesis of CdS quantum dots using Opuntia ficus-indica fruit sap	K Kandasamy, M Venkatesh, YA Syed Khadar, Paramasivan Rajasingh	Materials Today: Proceedings	2020	13	Chikkanna Govt. Arts College	13
Photocatalytic degradation of organophosphorus pesticide using semi	AF Ebenazer, P Vijayan, N Sampathkumar, M Sivadhayanidhy,	Applied Physics A	2020	8	Chikkanna Govt. Arts College, Tirupur	8

conductor-sensitized composite in natural water: effect of oxidants						
"Feature Selection for Micro array Cancer Classification using clustering Algorithms"	PREMA.K Dr.A.KUMAR KOMBAIYA	International Journal of Scientific Research in Computing,	2020	6	Chikkanna Govt. Arts College, Tirupur	6
Reactive oxygen species (ROS)-responsive micro spheres for targeted drug delivery of camptothecin	G.Rajagopal et.al	Journal of Drug Delivery Science and Technology	2019	7	Chikkanna Govt. Arts College, Tirupur	7
"Feature Selection for Gene Expression using Gaussian kernel Density Estimation based HPCA-ML Algorithm for Cancer Classification"	PREMA.K Dr.A.KUMAR KOMBAIYA	Journal of Xi'an university of Architecture Technology	2020	22	Chikkanna Govt. Arts College, Tirupur	22
Secure communication process in IoT using media gate network transmit protocol with reliable data	T.Premalatha , S Duraisamy	Journal of Internet Technology and Secured Transactions ,	2019	4	Chikkanna Govt. Arts College, Tirupur	4

transport protocol						

3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
One-pot green synthesis of CdS quantum dots using Opuntia ficus-indica fruit sap	K Kandasamy, M Venkatesh, YA Syed Khadar, Paramasivan Rajasingh	Materials Today: Proceedings	2020	47	13	Chikkanna Govt. Arts College, Tirupur
A novel curcumin-loaded PLGA micro magnetic composite system for controlled and pH-responsive drug delivery	G.Rajagopal et.al	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2019	170	17	Chikkanna Government Arts College
Focusing properties of spirally polarized sinh Gaussian beam	K.B.Rajesh	Optics Laser Technology	2019	3	4	Chikkanna Govt. Arts College, Tirupur
Reactive oxygen species (ROS)-responsive micro spheres for targeted drug delivery of camptothecin	G.Rajagopal et.al	Journal of Drug Delivery Science and Technology	2019	44	7	Chikkanna Govt. Arts College, Tirupur
Biological Impacts of Metal (II) Complex-Ba	G.Rajagopal et.al	Applied biochemistry and bio technology	2020	111	3	Chikkanna Govt. Arts College, Tirupur

sed DNA Probes Derived from Bidentate N, O Donor Schiff Base Ligand						
Iron oxide nano particle core-shell magnetic microspheres: Applications toward targeted drug delivery	G.Rajagopal et.al	Nanomedicine: Nano technology, Biology and Medicine	2020	125	10	Chikkanna Govt. Arts College, Tirupur
Bidentate schiff base ligands appended metal (II) complexes as probes of DNA and plasma protein: in silico molecular modelling studies	G.Rajagopal et.al	Applied biochemistry and bio technology	2020	111	3	Chikkanna Govt. Arts College, Tirupur
Photocatalytic degradation of organophosphorus pesticide using semiconductor-sensitized composite in natural water: effect of oxidants	AF Ebenazer, P Vijayan, N Sampathkumar, M Sivadhayanidhy,	Applied Physics A	2020	140	8	Chikkanna Govt. Arts College, Tirupur
Sensitivity enhancement of surface plasmon	K.B.Rajesh	Optics Communications	2020	18	27	Chikkanna Govt. Arts College, Tirupur

resonance sensor using hybrid configuration of 2D materials over bimetallic layer of Cu-Ni					
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	2	18	5	4
Presented papers	16	49	0	0
Resource persons	4	5	3	13
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3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Eye Camp for Police Officers	NSS	1	60
Rainwater Harvesting Awareness Conference	NSS	1	30
Road Safety and Anti Ragging Awareness Conference	NSS	1	65
A seminar programme titled on MENTAL HEALTH	NSS	1	40
Poshan Maah Nutrition Awareness Exhibition	NSS	1	60
Electronic Cigarette Awareness Exhibition	NSS	1	57
TSC SELECTION CAMP AT PSG COLLEGE OF ARTS AND SCIENCE , COIMBATOE	2 TN BTY NCC	1	10

TSC SELECTION CAMP - II AT KSR ENGG. COLLEGE, TIRUCHENGODE	15 TN BN NCC		1	2
RDC TRAINING CAMP - I AT ANGEL COLLEGE OF ENGG., TIRUPPUR	4 TN BN NCC		1	2
Blood Donation Camp	TRC		1	100

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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
NIL	NIL	NIL	0

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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
NSS	NSS	World Environment Day Tirupur Kumaran Memorial Park Tree Plantation	1	60
NSS	NSS	World Yoga Day Students Are Involving Yoga Activity	1	60
NSS	NSS	Drug Abuse Awareness Rally at Railway Station	1	40
NSS	NSS	Road Safety Awareness Street Play	1	60
NSS	NSS	World Population Day Pledge	1	60
NSS	NSS	Rainwater Harvesting Awareness Conference	1	30
NSS	NSS	Road Safety and Anti Ragging Awareness Conference	1	65

NSS	NSS	Abdul Kalam Memorial Day Door to Door Campaign and Water pouring at Kalam Garden	1	60
NSS	NSS	Swatchta Pakhwada – Lecture on Swatchta and Pledge	1	40
NSS	NSS	Swatchta Pakhwada – Cleaning of Campus	1	80
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3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
TNSTC (Tamilnadu Science Technology Centre, Chennai) sponsored One Day Annular Solar Eclipse Tiruppur District Public Outreach Programme dated 26/12/2019	216	TNSTC	1
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
NIL	NIL	NIL	Nill	Nill	NIL
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
TAMILNADU SCIENCE TECHNOLOGY CENTRE CHENNAI	19/12/2019	ANNULAR SOLAR ECLIPSE-TIRUPPUR DISTRICT PUBLIC OUTREACH PROGRAMME ON 26/12/2019	194

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
11652130	11414599

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Newly Added
Laboratories	Newly Added
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Classrooms with Wi-Fi OR LAN	Existing
Seminar halls with ICT facilities	Existing
Others	Newly Added

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
Autolib	Partially	5.0	2019

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
CD & Video	Nill	Nill	Nill	Nill	Nill	Nill
Library Automation	Nill	25000	Nill	Nill	Nill	25000
Weeding (hard & soft)	0	Nill	Nill	Nill	0	Nill
Text Books	32860	10544601	634	245563	33494	10790164
Reference Books	721	247450	62	24994	783	272444
e-Books	Nill	Nill	80000	5900	80000	5900
Journals	4	23265	0	0	4	23265
e-Journals	Nill	Nill	3000	5900	3000	5900
Digital	5	Nill	Nill	Nill	5	Nill

Database					
Others(specify)	12	2420	Nill	Nill	12	2420

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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Dr.S.Karpagam Chinnammal	H02DI26 - Selection and care-stain removal, mending, darning, and patch work. Laundering methods and storage,	e-pathasala	17/03/2020
Dr.S.Karpagam Chinnammal	H09TC27 Durable Press Finishes	e-pathasala	18/03/2020
Dr. V S Meenakshi	Week 4: User Authentication Methods – Biometric Authentication Methods - Categories of Biometrics sponsored by UGC	Swayam	15/07/2019
Dr.G.M.Nasira	Machine Learning	Youtube	17/05/2020
Dr.B.Rajasekaran	Management Accounting - Introduction	Youtube	01/05/2020
Dr.B.Rajasekaran	Mangagement Accounting - Objectives	Youtube	07/05/2020
Dr.B.Rajasekaran	Mangagement Accounting - Advantages	Youtube	08/05/2020
Dr.B.Rajasekaran	Mangagement Accounting - Limitations	Youtube	09/05/2020
Dr.B.Rajasekaran	Mangagement Accounting vs Financial accounting	Youtube	14/05/2020
Dr.B.Rajasekaran	Mangagement Accounting vs cost accounting	Youtube	15/05/2020

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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	159	7	1	0	1	5	37	10	0
Added	0	0	0	0	0	0	0	0	0
Total	159	7	1	0	1	5	37	10	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

10 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Open Sources- YouTube	https://youtu.be/GPpQeAagjzY
Open Sources- YouTube	https://youtu.be/ByJZiT95k8Y
Open Sources- YouTube	https://youtu.be/QjY0PAnrbJk
Open Sources- YouTube	https://youtu.be/1a1DebOXALs
Open Sources- YouTube	https://youtu.be/_U0vqUYBWlM
Open Sources- YouTube	https://youtu.be/i6TMpRwKRCw
Open Sources- e- pathasala (Developed in Avinashilingam University)	https://www.youtube.com/watch?v=41_D-Oo7hms&t=1s
Open Sources- e- pathasala (Developed in Avinashilingam University)	https://www.youtube.com/watch?v=uO-rf4eXRUg&t=2s
Open Sources- Swayam	https://www.youtube.com/watch?v=_ZpjOQy7y-0
Open Sources- YouTube	https://youtu.be/NFDWY-mPm3E

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
6302130	6066231	350000	348368

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

The procedures and policies in maintenance of physical, academic and support facilities ensure effective teaching and learning in the college premises. The Government of Tamil Nadu extends its support through the Public Works Department (PWD) for construction and maintenance of the Physical Infrastructure. The college makes an application to the Directorate of Collegiate Education with a detailed proposal for having any new physical facilities. The Government of Tamil Nadu considers the same and gives its

consent along with the sanction orders and budget for any new constructions or creation of infrastructure facilities. A detailed blueprint for the same is prepared by the Principal of the College in consultation with the PWD. PWD therefore takes up the project, completes and handsover to the Principal. The State Government of Tamilnadu addresses the requirements of the student and ensures that buildings are in compliance with the latest health, safety, environmental and other requirements. The College does periodic maintenance and renovation to maintain the functionality and value of the infrastructure. Equipment in each laboratory is serviced, upgraded, calibrated, maintained and audited every year with support of Annual Maintenance Contract (AMC). The infrastructural requirements from every department is consolidated annually and forwarded to the Directorate of Collegiate Education by the Principal. Every year the Public Works Department of Tamilnadu plans and executes the infrastructure development. Funds are also sourced through RUSA for construction of buildings and procurement of infrastructure facilities. Physical and support facilities are also procured and maintained through various Government Schemes for Higher Education.

https://cgac.in/assets/procedures%20and%20policies.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Community scholarship and tamil medium scholarship	1943	5628867
Financial Support from Other Sources			
a) National	NIL	0	0
b)International	NIL	0	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
COVID-19 awareness	22/04/2020	54	Dr. P. Vijayan, Department of Chemistry
YOGA	09/07/2019	713	Vethathiri Maharishi Institute for Spiritual and Intuitional Education, Aliyar (Samundipuram Manavalakkalai Mandra Arakkattalai, Tirupur)
Orientation for Freshers	08/08/2019	1033	All College Faculty

Remedial Coaching Soft Skill Development	15/10/2019	1033	Department Faculty
Annular Solar Eclipse Tiruppur District Public Outreach Programme	26/12/2019	216	TNSTC, Chennai
History of Tirupur	07/02/2020	128	kavignar S. Sivadasan Co-ordinator Historical Research Centre, Tirupur
National Science Day Celebration	28/02/2020	150	Dr. Joseph Clement, Professor of Botany (Rtd.), Government Arts College, CBE.
Eco-friendly Life Style And Technologies and the role of chemistry	06/08/2019	30	Dr. P. Mosae Selvakumar, Assistant professor of chemistry, Asian University for women, bangladesh.
Rain Water Harvesting	14/08/2019	60	Dr. K. Sivakumar, Director, Rain Water Harvesting Foundation

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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2019	In association with District employment office conducted a Mock TNPSC Group IV for our students. The same day afternoon results were discussed from 2-4 pm by the trainer.	160	160	0	146

| | (District employment office) | | | | |

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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
4	4	15

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
Reach Academics TIrupur, Scm Garments Avinashi, CGAC	27	11	Various Organizations	162	146

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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2020	100	UG/PG	ENGLISH/B.COM/CHEMISTREY/ZOOLOGY/PHYSICS/COMMERCE/IB/CDF/CS	CGAC/SRM/BU/RVS	PG/LLB/B.Ed/Ph.D

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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
Nill	0

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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
POSTER DESIGN (1ST PRIZE)	SASUSRE COLLEGE OF ARTS SCIENCE	1
Foodball and Athletics	Institution	5
Indian Fitness Federation (SSS muscle	District	40

mania 2019)		
Indian Fitness Federation (Dead lift championship 2020)	DISTRICT	40
Drawing competition	Salem Division ,Southern Railway	2
CRICKET - (WINNER)	ANNUAL SPORTS DAY -CHIKKANNA GOVT.ARTS COLLEGE, TIRUPUR	1
THROW BALL (RUNNER)	ANNUAL SPORTS DAY -CHIKKANNA GOVT.ARTS COLLEGE, TIRUPUR	1
CRICKET (B -ZONE) FOURTHPLACE	INTERCOLLEGIATE TOURNAMNET BHARATHIAR UNIVERSITY	1
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5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	YOUTH GAME ALL INDIA NATIONAL CHAMPIONSHIP - 2019 Boxing tournament gold medal.	National	1	Nill	182AA0120	S.NARENDRAN
2019	PYKKA NATIONAL GAMES 2019 (60-64kg) GOLD MEDAL	National	1	Nill	182AA0120	S.NARENDRAN
2019	BOXING DEVELOPMENT FEDERATION OF INDIA,HARYANA STATE BOXING LIGHTWELTER (60-64kg) SILVER MEDAL	National	1	Nill	182AA0120	S.NARENDRAN
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The College Association operates under the Union Head. All the students of the college are the members of this association. College Principal is the Head of the association. A college faculty will be appointed as Deputy President by the Principal. A secretary and a deputy secretary will be appointed by the Principal from the student community. Class representatives take forward the opinion of their fellow students and represent their grievances to the Class Teachers or Heads of the Departments. Principal along with the Governing Council members conduct meetings for these selected class representatives periodically. These representatives are given freedom to express their views and raise their demands on the academic and administrative activities of the College. Students' representation is given in the Internal Quality Assurance Cell (IQAC). Their opinion and suggestions are invited through their participation in IQAC meetings. Students also represent in a few important committees that operate for their welfare such as anti-ragging and women harassment. In addition, student heads are also appointed for several forums of the college. They act as coordinators of several adhoc committees formed to conduct departmental and college level events. Students are also permitted to organise events and activities for their job placements.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The college has an Active Alumni Association as Tirupur Chikkanna Alumni Trust. It functions under the guidance of an Executive Committee. Activities during the past years: • 666 New Alumni Members were added to the Alumni pool • Regular Alumni meets are conducted. • Placement opportunities are given in a huge number ever year. Contribution of alumni to the growth/development of the institution:- The alumni of the college are roped in to lend their professional expertise. Alumni are even involved in the extension activities of the institution. They are very generous in contributing to the cause of helping the disadvantaged. • The alumni also give their valuable inputs regarding improvement in the infrastructure and administration. The alumnus supports the college in infrastructural development, scholarship for students and then and there requirements from the institution on various identified areas for which they could contribute. • The alumni also work as managers in various public and private sector companies and some of them are well industrialists in Tirupur. • They are also helping in keeping the institution green by extending all support in growing trees • Alumni extend support to the Departments in the form of furniture's, computer accessories and maintenance, books, proficiency prizes, cash awards for excellent participation in sports, NCC, NSS etc.

5.4.2 – No. of enrolled Alumni:

666

5.4.3 – Alumni contribution during the year (in Rupees) :

333000

5.4.4 – Meetings/activities organized by Alumni Association :

1 MEETINGS

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

Decentralisation during 2019-20 The pandemic situation and crisis posed a great challenge at the later end of this academic year in carrying out the regular academic activities of the College. The College was therefore forced to decentralize the following activities for smooth and regular functioning of the academic activities. 1. Conduct of internal tests were highly decentralized: Teachers were empowered to conduct the internal assessment test through their preferred online mode. 2. Conduct of Classes: Flexible time tables were followed by teachers Further, the departments were empowered to conduct Student Enrichment Programmes (SEP) at department levels. Many online Seminars were conducted during this academic year as a result of decentralizing the conduct of programmes. Issue of a few certificates to the students were decentralized and department heads were empowered to issue the certificates. Participative management 1. Student Representation in IQAC 2. College Council meetings were conducted regularly. The College council is highly participative with representations from all the departments including IQAC, NSS, NCC, Physical Education, Library and others who are directly involved with the day-to-day management of the institution. HoDs deliberate the views of their respective department staff in this council and decisions are taken. Further, the HoDs deliberate the outcome and decisions taken in the council to their staff members through separate department level meetings. Minutes are appropriately recorded in the Minute Register. 2. Reguar meetings are conducted by the principal with the various class student representatives. The student representatives collectively present their views and suggestions to the principal on various academic and administrative affairs of the College.

6.1.2 – Does the institution have a Management Information System (MIS)?

Partial

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Examination and Evaluation	Online mode of Evaluation Puzzles and objective type tests were conducted online
Curriculum Development	Faculty participation in BoS Feedback obtained from Employers Feeback Obtained from Students Feedback obtained from peer
Teaching and Learning	Online Classes using Google Suite and Google Classrooms You Tube Videos
Research and Development	The College has leaped and bound with huge publication list with good citation index and h- index. Staff are encouraged to [publish in peer reviewed journals and also encouraged to go for projects and they also asked to go for patenting of their works.
Admission of Students	The College follows single window counselling and the stringent of government norms for admission of students. The Directorate of collegiate education has planned to go for online process in the future to streamline the same

Library, ICT and Physical Infrastructure / Instrumentation	The Library is already using Autolib 5,0 and other tools , to increase the usage and easy access we have planned to go for higher versions. For ICT the college has planned for a smart classroom one each in all blocks. For infrastructure planned to go for more rooms and blocks under RUSA Scheme. Also working on modalities for purchasing of instruments like IR UV etc. and also for starting a common instrumentation center.
Human Resource Management	Regular appointments are done by the state government through the TRB. The most essential requirements in Manpower shortage is managed through Temporary appointment of qualified staff through PAT, Alumni and other sources.
Industry Interaction / Collaboration	The College is located in the textile export hub, with huge scope for industry-academia interaction. The CDF course was started as an industrial imitative. We are also planning to go for more interaction using our Alumni base where well known industrialists are there.

6.2.2 – Implementation of e-governance in areas of operations:

E-governace area	Details
Planning and Development	In Planning and development the requirements are conveyed through google sheets and forms and electronically. Meetings are sometime conducted through online and the financial transactions are also done mostly using electronic means
Administration	The two way communications between staff and students and among staff themselves are mostly done through electronic means through apps and mails. The same is followed with the higher authorities.
Finance and Accounts	Financial Transactions like salary, scholarship disbursements etc are done electronically. The maintaining of accounts are done through spreadsheets and other means.
Student Admission and Support	Student's admission ranking are displayed in website and also sent through mail, sms and other means. Mostly it is paperless. The student support services like payment of fees etc are done through Apps such as Google pay etc. The directorate of Collegiate Education (DCE) has planned

	to go for an online admission process through portal TNGASA.
Examination	The parent university publishes results in its website and students can access it. The Exam schedule and other messages are also displayed in the University website. Communication are also done mostly electronically and compiling of internal marks are done Paperless and communicated to the University through secure electronic mails.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
Nill	NIL	NIL	NIL	0
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
Nill	NIL	NIL	Nill	Nill	Nill	Nill
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Refresher Course in Human Rights - Multidisciplinary	4	12/09/2019	25/09/2019	14
Design, Develop and Deliver online course through MOODLE platform	3	29/05/2020	30/05/2020	2
Refresher course on Environmental Studies	3	06/02/2020	19/02/2020	14

Refresher Course in Chemistry	2	20/06/2019	20/06/2019	14
Refresher Course in Human Rights - Multidisciplinary	4	12/09/2019	12/09/2019	14
Design, Develop and Deliver online course through MOODLE platform	3	29/05/2020	29/05/2020	2
Refresher course on Environmental Studies	3	06/02/2020	06/02/2020	14

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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
82	113	14	24

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Provident Fund Scheme, Health Insurance, Thrift, Pongal or Diwali Advance, FIP, Maternity leave	Provident Fund Scheme, Insurance, Thrift, Pongal Bonus, Maternity leave	Bus pass, Laptops, Scholarship, Group Insurance, Free hostel, Bank Account

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

The External Financial Audit is conducted by the AG office regularly. The AG office of Govt. of Tamil Nadu sends a team of officials to the college for physical verification of all financial transactions. The team also looks into the stock accession registers. All funds received by the college and their appropriate utilisation are also verified. Internal audits are conducted by the Regional Joint Directors Office every year.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Tamilnadu State Government	130375541	Salary,Non Salary,PWD,

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6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	-	Yes	Principal and Acadenic Council
Administrative	Yes	State Government	No	Internal Comittees

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

PTA meetings were held at department level during the academic year 2019-20. PTA made monetary contributions to appointment and payment of salary of ad hoc/temporary teachers and non-teaching staff.

6.5.3 – Development programmes for support staff (at least three)

No Data Entered/Not Applicable !!!

6.5.4 – Post Accreditation initiative(s) (mention at least three)

Computer and internet facilities were strengthened Proposals were sent to the Director of Collegiate Education to start Research Programmes in International Business, Business Administration and Computer Application. A common Computer Laboratory was set up (Funded by RUSA)

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	No
d)NBA or any other quality audit	No

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2020	One Day Workshop on Perspectives of MEMS Technology	20/01/2020	20/01/2020	20/01/2020	154
2020	History of Tirupur	02/07/2020	02/07/2020	02/07/2020	128
2019	YOGA	09/07/2019	09/07/2019	02/10/2019	713
2019	Orientation for Freshers	08/08/2019	08/08/2019	08/08/2019	600
2019	Remedial Coaching Soft Skill Development	15/10/2019	15/10/2019	16/03/2020	1033
2019	Annular Solar Eclipse Training Programme	19/12/2019	19/12/2019	19/12/2019	50

2019	Annular Solar Eclipse Tiruppur District Public Outreach Programme	26/12/2019	26/12/2019	26/12/2019	216

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Sangaman,Palladam Organised Competion.	16/09/2019	16/09/2019	5	0
International women's Day Celebration-Each for Eqaul	03/03/2020	03/03/2020	415	210
NSS Organised Street Play for Empowering women with Mental illness at Govt Hospital	07/03/2020	07/03/2020	10	20

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
Installation of energy conserving electronic and electrical appliances

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Ramp/Rails	Yes	10
Scribes for examination	Yes	2

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	Nill	1	05/06/2019	1	World Environmen	Increase	60

					t Day Tirupur Kumaran Memorial Park Tree PlantationIncrease The Trees	The Trees	
2019	1	Nill	20/06/2019	1	World Yoga Day Students Are Involving Yoga Activity	Health For Good	60
2019	1	Nill	25/06/2019	1	Tree Plantation at MGR Block	Increase The Trees	60
2019	1	Nill	11/07/2019	1	World Population Day Pledge	Aware To People	60
2019	1	Nill	20/07/2019	1	Eye Camp for Police Officers	Help to Blind Pepoles	60
2019	1	Nill	01/08/2019	1	Swatchta Pakhwada – Lecture on Swatchta and Pledge	Aware To Swatchta Pakwada	40
2019	Nill	1	14/08/2019	1	Swatchta Pakhwada – Rally on Cleanliness in Adopted Village (Karumapalayam)	Aware To Village People	150
2019	Nill	1	29/08/2019	1	FIT India Movement Pledge	Fitness To Your Health	100
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
College hand book	17/06/2019	The code of conduct for

	various stake holders are clearly address in the hand book of the college. It is prominently displayed in the college website. Apart from this in the college website (https://cgac.in/assets/College20code20of20conduct.pdf) also, the code of conduct and ethical issues like ragging etc., are addressed.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Drug Abuse Awareness Rally at Railway Station	26/06/2019	26/06/2019	40
Road Safety Awareness Street Play	27/06/2019	27/06/2019	60
Rainwater Harvesting Awareness Conference	23/07/2019	23/07/2019	30
Road Safety and Anti Ragging Awareness Conference	25/07/2019	25/07/2019	65
Poshan Maah Nutrition Awareness	05/09/2019	05/09/2019	40
Poshan Maah Nutrition Awareness Exhibition	09/09/2019	09/09/2019	60
Poshan Maah Nutrition Awareness and Hand Washing Techniques in Slum Area	13/09/2019	13/09/2019	160
Poshan Maah Nutrition Awareness handwashing techniques at Chandrakavi and Devangapuram Corporation Middle Schools	18/09/2019	18/09/2019	50
Poshan Maah Organic diet Lecture	19/09/2019	19/09/2019	20
NSS Day Alzheimer Awareness	24/09/2019	24/09/2019	40

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)
Cleaning of campus through National Service Scheme Plantation of Trees Maintenance of Gardens Plastic-free Zone Parking lots for vehicles at the entrance restricting their movement inside the campus Tirupur Kumaran Memorial Park was established inside the campus on 05.06.2019

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices
Best Practice 1 1. Title of the practice: Pongal Festival (Harvesting Festival) 2. The context that required the initiation of the practice (100 – 120 words) Most of the students comes from rural background. To inculcate the connection between the students and the society, their culture and also to thank Mother Nature for bestowing all the good things on the people, Pongal and other festival are celebrated. 3. Objectives of the practice (50 – 60 words) • To make students connected to their roots. • To preserve the ancient Indian culture. • To make the students aware of importance of nature and agriculture. • To bring the togetherness atmosphere among the students. • To make the students aware of animals like cattle and other domesticated ones which plays an important part in agriculture and everyday life. 4. The Practice (250 – 300 words) Students of every department form a committee among themselves and planning a programme with the support of faculties. Pongal a sweet dish is cooked in the open ground and a part of it is offered to Mother Nature and shared with fellow students and teachers. This is a way of thanking the nature for providing food to all living things. Because of this activity, togetherness is created irrespective of caste, creed and religion. Friendly competitions are also conducted. 5. Obstacles faced if any and strategies adopted to overcome them (150 – 200 words) • A one day classes are cancelled for this activity and those hours are compensated with another working day. • Fire stones and Woods requirements. It is managed through local sources and pruned twigs available as a waste within the campus. 6. Impact of the practice (100 – 120 words) • Students relate themselves to their culture and roots • Students are getting experience in organizing an event • A sense of togetherness is achieved • Students are highly enthusiastic and motivated • Depression is relieved and feel relaxed and self-pride among the students is noted. • Students share the Pongal dish with various departments and an integration is achieved. 7. Resources required Manpower, Money, Stones, Firewoods These things were managed through donations from crowd funding, local resources and wastes inside the campus. 8. About the Institution: i. Name of the Institution: Chikkanna Government Arts College ii. Year of Accreditation: 2015 iii. Address: College Road, Tiruppur. 641602. Tamilnadu, India. iv. Grade awarded by NAAC: B v. E-Mail: cgactpr@gmail.com vi. Contact person for further details: Principal vii. Website : http://cgac.in/index.php Best Practice 2 1. Title of the Practice: RECYCLE IT ALL NO MATTER HOW SMALL 2. The Context that required the initiation of the Practice: A lot of preconsumer waste was observed in the garment construction lab after each practical class which would go into landfills.. This practise was started bearing in mind that once in landfils synthetic fiber products do not decompose and natural fibers may release green house gases into the atmosphere.They may also release toxic substances into ground water and surrounding soil 3. Objectives of the Practice: To divert material from landfills and control the harmful effects of waste on our environment 4. The Practice: Trash/Scrap created in garment construction lab is recycled to dusters 5. Obstacles faced and strategies adopted to overcome: Motivating the students and the free time required to prepare the product were the main obstacle faced. Once repeatedly done it has become a habit among the students. 6. Impact of the Practice: Decreases solid waste, Creates environmental

awareness amongst the future generation 7. Resources Required: Sewing machine and cutting waste 8. About the Institution ? Name of the College: Chikkanna Government Arts College ? Year of Accreditation: 2015 ? Address: College Road, Tirupur – 641 02,Tami Nadu, India ? Graded by NAAC: B ? Email ID: cgactpr@gmail.com ? Contact Person for Further Details: Principal ? Website : http://cgac.in/

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

https://cgac.in/iqac/bf2019.php

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Institutional Distinctiveness Chikkanna Government Arts College, Tirupur, is a governmnt-run institution offering quality higher education to the meritorious students of all sections of the society in the region with a bold stress on equity and inclusivity. The institutions has a great locational advantage of being the only coeducational government-run institution in the head quarters of the district of Tirupur, which is a broad hub of textile industry vibrant with export operations at national and international levels, and thereby promoting the entrepreneurial culture. The institution has been so sensitive to these aspects of its situatedness that it offers programmes such as Costume Design and Fashion, Computer Applications, and International Business at the undergraduate and postgraduate levels. It constantly creates opportunities for students to become employable and develop entrepreneurial skills. The institution promotes socially-relevant research activities as there are eleven research centres recognized by Bharathiar University, Coimbatore. It has to its credit five patents, which is an attestation to the inventive research being carried out in the institution. The department of chemistry has the highest cumulative impact factor and citations among the government and government aided arts and science colleges affiliated to Bharathiar University. The department of Physics continues to receive various research projects funded by State and Central government agencies. Above all, the institution has an indoor stadium in its premises, which is maintained by the Sports Authority of the Government of Tamilnadu, and used effectively by the sportspersons of the institution. The National Service Scheme is the most distinctive aspect of the institution. It organizes about two hundred and fifty programmes a year on the average creating awareness about social issues and health care. The NSS also conducts student capacity enhancement schemes, and celebrates and commemorates various days and events of national and international importance.

Provide the weblink of the institution

https://cgac.in/iqac/assets/Distinctiveness%20of%20the%20institutuion.pdf

8.Future Plans of Actions for Next Academic Year

To augment the infrastructure through RUSA as well other schemes of the Governemnt To go for funding from various funding agencies To Augment the sports infrastructure and increase the visibility of the institution in achievements To go for the OBE system in the curricula The NSS of the College earned accolades in the district and the state level with in the minds and hearts of the people. Aim to make it visible at the national level. To go for more industry interaction Plan to organize programmes for the development of Teaching and Non-teaching staff