



## Yearly Status Report - 2017-2018

### Part A

#### Data of the Institution

Part A	
<b>Data of the Institution</b>	
<b>1. Name of the Institution</b>	GOVERNMENT FIRST GRADE COLLEGE, KOPPA
Name of the head of the Institution	Anantha
Designation	Principal (in-charge)
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	08265221005
Mobile no.	9480412995
Registered Email	gfgckoppa@gmail.com
Alternate Email	dr.bcprasanna@gmail.com
Address	Balagadi, Koppa-577126 Chikkamagalur-District
City/Town	Koppa
State/UT	Karnataka
Pincode	577126

<b>2. Institutional Status</b>	
Affiliated / Constituent	<b>Affiliated</b>
Type of Institution	<b>Co-education</b>
Location	<b>Rural</b>
Financial Status	<b>state</b>
Name of the IQAC co-ordinator/Director	<b>Prasannakumara</b>
Phone no/Alternate Phone no.	<b>08265221005</b>
Mobile no.	<b>9741871874</b>
Registered Email	<b>gfgckoppa@gmail.com</b>
Alternate Email	<b>dr.bcprasanna@gmail.com</b>

<b>3. Website Address</b>	
Web-link of the AQAR: (Previous Academic Year)	<a href="http://gfgckoppa.in/the-annual-quality-assurance-report-aqar-of-the-igac-for-the-year-2016-17/">http://gfgckoppa.in/the-annual-quality-assurance-report-aqar-of-the-igac-for-the-year-2016-17/</a>
<b>4. Whether Academic Calendar prepared during the year</b>	<b>Yes</b>
if yes,whether it is uploaded in the institutional website: Weblink :	<a href="http://gfgckoppa.in/calendar-of-events-2017-18/">http://gfgckoppa.in/calendar-of-events-2017-18/</a>

**5. Accrediation Details**

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
<b>1</b>	<b>C</b>	<b>67</b>	<b>2004</b>	<b>16-Sep-2004</b>	<b>16-Sep-2009</b>

<b>6. Date of Establishment of IQAC</b>	<b>05-Oct-1998</b>
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**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
<b>Educational tour to</b>	<b>02-Jan-2018</b>	<b>50</b>

Mudabidri

01

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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
No Data Entered/Not Applicable!!!				
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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 :**

5

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?**

Yes

If yes, mention the amount

25000

Year

2018

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

IQAC has to work continuously for collecting and collating qualitative data from every unit of the College.

No Files Uploaded !!!

**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	Achievements/Outcomes
Conduct bridge courses for the first year Students	A special one day bridge course was conducted for the first year UG and PG students

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14. Whether AQAR was placed before statutory body ?	No
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	2017
Date of Submission	21-Mar-2017
17. Does the Institution have Management Information System ?	No

## 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

Being the affiliated institute, the college implements the curriculum prescribed by Kuvempu University, Shankaraghatta. For effective implementation of the curriculum, the following process is developed and deployed. Plan for effective implementation of curriculum: At the outset, the Principal of the college conducts meetings with the various department heads to develop strategies for effective implementation of the curriculum. Teachers are encouraged to impart the curriculum through innovative teaching methods such as presentations, assignments, discussions, workshops, seminars and industrial visits besides the regular/traditional chalk and talk methods. We follow the academic calendar provided by the University which is circulated to all departments. At the beginning of the semester we prepare Objective Driven Teaching Plan. Faculty members maintain course booklet throughout semester. The College encourages its faculty members to participate in Orientation/ Refresher Courses/ Workshops/ Seminars organized by the University so as to update their knowledge and to improve the teaching practices. The college provides ample books and other teaching and reference materials like journals, magazines, teaching models and software to enable its teachers to ensure effective delivery of curriculum. Library committee conducts meeting and takes appropriate decision regarding the requirement and procurement of books, journals, e-journals. Ensuring staff have opportunities for keeping their skills and industry/business expertise up to date. Encouraging faculty members to evaluate their own learning and teaching practice. Encouraging innovation in learning and teaching - planning how practice can be shared amongst lecturers. Establishing MOUs with various industries and institutions. The teaching and laboratory plans are approved by Head of Department (HOD) before the start of semester and communicated to students by respective course teacher. The course files are evaluated by Internal Quality Assurance Committee (IQAC) with help of concerned senior subject teacher and HOD. IQAC monitors the academic activities

on regular basis to ensure the execution of timetable. It also monitors execution of academic calendar and teaching learning process and finds the gap, if any. For a group of around 20 students a teacher is allocated as Mentor. Mentor conducts a weekly meeting and does the counseling of poor performing students.

#### 1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
No Data Entered/Not Applicable !!!					

### 1.2 – Academic Flexibility

#### 1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
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#### 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
No Data Entered/Not Applicable !!!		

#### 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
No Data Entered/Not Applicable !!!		
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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
MCom	Functioning of Silk Industry In Mysore	34
<a href="#">View File</a>		

### 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

Special feedback session for the final year students is conducted wherein students provided suggestions on various aspects of teaching-learning and curriculum design based on their experience over the past years. Based on the student feedback to make the teaching more practical based and interesting, necessary action has been taken by teachers to design and deliver a Professional Development Programmes. Specialized training was conducted for Campus drive which was organized twice for the 2018 batch and the result for this specific recruitment was promising. Departmental Mock Interview intensified for better performance in Technical questions. Aptitude Test conducted with enhanced questions in alignment with the corporate requirements Based on the suggestions provided by Alumni, students of final year M.Com are encouraged to take up research based or application based projects. In Parents-Teacher meeting, many parents suggested that besides the regular teaching learning process, the student should also be exposed to faculties from other institutes/ organizations. Every department organizes talks by external experts.

## 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
BSc		60	28	28
BCom		225	230	222
BA		180	116	116
BBA		60	24	24
MCom		30	40	30

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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
2017	1072	63	20	2	22

### 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
22	22	4	4	2	4

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

The IQAC had taken the initiative of implementing the mentoring of students. Students are categorized based on the streams of studies and also according to their core subjects. They are divided into groups of 20-50 depending on the number of students. Each group is assigned a teacher-mentor who would perform mentoring duties. A Mentoring Format with Guidelines is prepared by the IQAC to ensure uniformity. Mentors maintain and update the Mentoring Format which contains space for entering particulars and performance of students

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1135	22	1:50

## 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
28	12	4	12	4

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
<b>No Data Entered/Not Applicable !!!</b>			
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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
BSc	UGS31	Semester	30/04/2018	11/06/2018
BA	UGA01-07	Semester	21/05/2018	11/06/2018
BCom	UGC41	Semester	04/05/2018	08/06/2018
BBA	UGM51	Semester	04/05/2018	12/06/2018

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

The institute has taken efforts to improve the performance of students by framing significant reforms in Continuous Internal evaluation at the institute level .The reforms are as follows. As per the Kuvempu University regulations, three internal midterm exams will be conducted. As per regulations the better performance in two of the examinations is considered. The marks allotted for internal exams are 20 and to that of external exams are 80. Pre-final exams are conducted for I year students which serves as a prelude to the university end semester examination. To bring uniformity in evaluation in scripts by fresh recruits, the scripts are scrutinized by seniors randomly and anomalies are pointed out to them. Special tests for slow learners. More assignments are given for practice.

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

The college is affiliated to the Kuvempu University and hence the pattern prescribed by the university is strictly followed. The university provides an academic calendar that specifies the date of commencement and end of the classes for each semester along with the government holidays. Based on the norms set by the University the Principal, and the HODs decide on the internal examination dates, and the dates for other academic activities like workshop or seminar or ethnic/cultural/food/ sports fests. Regular staff meetings are conducted to ensure adherence to the schedule given in the academic calendar. In case of any unusual and unscheduled break in the working day as in national bandh or the death of a VIP, the staff committee meets again to work out a schedule to compensate the working days. Department timetable is prepared by each department, facilitating the teachers to allot sufficient time for each subject as per the workload allotted by the University. This timetable is given to each and every student of the department to ensure that they stick to the schedule. The calendar is well planned in advance and is outlined in a detailed fashion. The college functions and adheres to the minimum number of working days and teaching days. On an average the college worked for 210 days per each year in the course of the past five years. A work diary is maintained every day by the teachers individually according to the classes taken by them as per the college calendar.

**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)

**No Data Entered/Not Applicable !!!**

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
UGC41	BCom	UG: B.Com	186	144	77
UGA01-06	BA	UG : HEP/HPK /HES/HSL	110	50	46
UGM51	BBA	UG: BBA	21	12	57
UGS31	BSc	UG :PCM/PMCs /CBZ	12	5	42
PGC51	MCom	UG: MCom	33	33	100

[View File](#)

**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)

**No Data Entered/Not Applicable !!!**

**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	Total grant	Amount received
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		agency	sanctioned	during the year
<b>No Data Entered/Not Applicable !!!</b>				
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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
<b>No Data Entered/Not Applicable !!!</b>		
No file uploaded.		

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
<b>No Data Entered/Not Applicable !!!</b>				
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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
<b>No Data Entered/Not Applicable !!!</b>					
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### 3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
00	00	00

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

Name of the Department	Number of PhD's Awarded
nil	0

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	Mathematics	17	1.5
No file uploaded.			

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	1
Mathematics	1
No file uploaded.	

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
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Cattaneo-Christov heat flux and non-uniform heat-source/sink impacts on radiative Oldroyd-B two-phase flow across a cone/wedge	B.C.PRASAN NAKUMRA	Journal of the Brazilian Society of Mechanical Sciences and Engineering	2018	2	GOVERNMENT FIRST GRADE COLLEGE, KOPPA	11
Entropy generation analysis of magnetonanoliquids embedded with aluminium and titanium alloy nanoparticles in microchannel with partial slips and convective conditions	B.C.PRASAN NAKUMARA	International Journal of Numerical Methods for Heat and Fluid Flow	2018	3	GOVERNMENT FIRST GRADE COLLEGE, KOPPA	0
Bidirectionally stretched flow of Jeffrey liquid with nanoparticles, Rosseland radiation and variable thermal conductivity	B.C.PRASAN NAKUMARA	Archives of Thermodynamics	2018	1	Government First Grade College, Koppa	0
Marangoni convection radiative flow of dusty nanoliquid with exponential space dependent	B.C.PRASAN NAKUMARA	Nuclear Engineering and Technology	2018	3	Government First Grade College, Koppa	17

heat source						
MHD Double-diffusive boundary-layer flow of a Maxwell nanofluid over a bidirectional stretching sheet with Soret and Dufour effects in the presence of radiation	B.C Prsannakumara	Nonlinear Engineering	2018	1	Government Firat Grade College, Koppa	0
Influence of nonlinear thermal radiation on rotating flow of Casson nanofluid	B.C. Prasanakumara	Nonlinear Engineering	2018	1	GOVERNMENT FIRST GRADE COLLEGE, KOPPA	2
Impact of convective condition on marangoni convection flow and heat transfer in casson nanofluid with uniform heat source sink	B.C. PRASAN NAKUMRA	Journal of Nanofluids	2018	1	GOVERNMENT FIRST GRADE COLLEGE, KOPPA	9
Biot number effect on MHD flow and heat transfer of nanofluid with suspended	B.C. PRASAN NAKUMRA	Acta et Commentationes Universitatis Tartuensis de Mathematica	2018	1	GOVERNMENT FIRST GRADE COLLEGE, KOPPA	0

dust particles in the presence of nonlinear thermal radiation and non-uniform heat source/sink						
Three-dimensional boundary layer flow and heat transfer of a dusty fluid towards a stretching sheet with convective boundary conditions	B.C.PRASAN NAKUMRA	Journal of Computational and Applied Research in Mechanical Engineering	2018	1	GOVERNMENT FIRST GRADE COLLEGE, KOPPA	0
Nonlinear convective heat and mass transfer of Oldroyd-B nanofluid over a stretching sheet in the presence of uniform heat source/sink	B.C.PRASAN NAKUMRA	Results in Physics	2018	1	GOVERNMENT FIRST GRADE COLLEGE, KOPPA	9
Impact of convective condition on marangoni convection flow and heat transfer in casson nanofluid with uniform heat source	B.C.PRASAN NAKUMARA	Journal of Nanofluids	2018	1	Government First Grade College, Koppa	8

sink						
Cattaneo-Christov heat flux and non-uniform heat-source/sink impacts on radiative Oldroyd-B two-phase flow across a cone/wedge	B.C.PRASAN NAKUMRA	Journal of the Brazilian Society of Mechanical Sciences and Engineering	2018	2	Government First Grade College, Koppa	11
Three-dimensional flow, heat and mass transfer of MHD non-newtonian nanofluid due to stretching sheet	B.C.PRASAN NAKUMRA	Journal of Nanofluids	2018	1	Government First Grade College, Koppa	2
Entropy generation analysis of magneto-nanofluids embedded with aluminium and titanium alloy nanoparticles in microchannel with partial slips and convective conditions	B.C.PRASAN NAKUMRA	International Journal of Numerical Methods for Heat and Fluid Flow	2018	3	Government First Grade College, Koppa	0
Bidirectionally stretched flow of Jeffrey liquid with nanoparticles, Rosseland radiation and	B.C.PRASAN NAKUMRA	Archives of Thermodynamics	2018	1	Government First Grade College, Koppa	0

variable thermal conductivity						
Marangoni convection radiative flow of dusty nanoliquid with exponential space dependent heat source	B.C.PRASAN NAKUMRA	Nuclear Engineering and Technology	2017	3	Government First Grade College, Koppa	17
Boundary Layer Flow and Heat Transfer of fluid particle suspension with nanoparticles over a nonlinear stretching sheet embedded in a porous medium	B.C.PRASAN NAKUMRA	Nonlinear Engineering	2017	1	Government First Grade College, Koppa	5
Boundary layer flow and heat transfer of nanofluid with fluid particle suspension over a nonlinear stretching sheet in the presence of thermal radiation	B.C.PRASAN NAKUMRA	Journal of Nanofluids	2017	1	Government First Grade College, Koppa	2
Boundary layer flow of dusty fluid over a radiating stretching	B.C.PRASAN NAKUMRA	Nonlinear Engineering	2017	1	Government First Grade College, Koppa	8

surface embedded in a thermally stratified porous medium in the presence of uniform heat source						
Three dimensional flow of Maxwell fluid with suspended nanoparticles past a bidirectional porous stretching surface with thermal radiation	B.C.PRASAN NAKUMRA	Thermal Science and Engineering Progress	2017	1	Government First Grade College, Koppa	26
Three-dimensional flow, heat and mass transfer of MHD non-newtonian nanofluid due to stretching sheet	B.C.PRASAN NAKUMRA	Journal of Nanofluids	2018	1	GOVERNMENT FIRST GRADE COLLEGE, KOPPA	2
No file uploaded.						

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
Cattaneo-Christov heat flux and non-uniform heat-source/sink impacts on radiative Oldroyd-B two-phase	B.C.PRASAN NAKUMRA	Journal of the Brazilian Society of Mechanical Sciences and Engineering	2018	25	11	GOVERNMENT FIRST GRADE COLLEGE, KOPPA

flow across a cone/wedge						
Entropy generation analysis of magneto-nanoliquids embedded with aluminium and titanium alloy nanoparticles in microchannel with partial slips and convective conditions	B.C.PRASAN NAKUMRA	International Journal of Numerical Methods for Heat and Fluid Flow	2018	38	0	GOVERNMENT FIRST GRADE COLLEGE, KOPPA
Bidirectionally	B.C.PRASAN NAKUMRA	Archives of Thermodynamics	2018	10	0	GOVERNMENT FIRST GRADE COLLEGE, KOPPA
Marangoni convection radiative flow of dusty nanoliquid with exponential space dependent heat source	B.C.PRASAN NAKUMRA	Nuclear Engineering and Technology	2018	24	17	GOVERNMENT FIRST GRADE COLLEGE, KOPPA
Nonlinear convective heat and mass transfer of Oldroyd-B nanofluid over a stretching sheet in the presence of uniform heat source/sink	B.C.PRASAN NAKUMRA	Results in Physics	2018	18	9	GOVERNMENT FIRST GRADE COLLEGE, KOPPA
Three-dimensional	B.C.PRASAN NAKUMRA	Journal of Computatio	2018	2	0	GOVERNMENT FIRST



boundary layer flow and heat transfer of a dusty fluid towards a stretching sheet with convective boundary conditions		nal and Applied Research in Mechanical Engineering				GRADE COLLEGE, KOPPA
Biot number effect on MHD flow and heat transfer of nanofluid with suspended dust particles in the presence of nonlinear thermal radiation and non-uniform heat source/sink	B.C.PRASAN NAKUMRA	Acta et Commentationes Universitatis Tartuensis de Mathematica	2018	2	0	GOVERNMENT FIRST GRADE COLLEGE, KOPPA
Influence of nonlinear thermal radiation on rotating flow of Casson nanofluid	B.C.PRASAN NAKUMRA	Nonlinear Engineering	2018	4	2	GOVERNMENT FIRST GRADE COLLEGE, KOPPA
MHD Double-diffusive boundary-layer flow of a Maxwell nanofluid over a bidirectional stretching sheet with Soret and Dufour	B.C.PRASAN NAKUMRA	Nonlinear Engineering	2018	4	0	GOVERNMENT FIRST GRADE COLLEGE, KOPPA

effects in the presence of radiation						
Cattaneo-Christov heat flux and non-uniform heat-source/sink impacts on radiative Oldroyd-B two-phase flow across a cone/wedge	B.C.PRASAN NAKUMRA	Journal of the Brazilian Society of Mechanical Sciences and Engineering	2018	25	11	GOVERNMENT FIRST GRADE COLLEGE, KOPPA
Entropy generation analysis of magnetonanoliquids embedded with aluminium and titanium alloy nanoparticles in microchannel with partial slips and convective conditions	B.C.PRASAN NAKUMRA	International Journal of Numerical Methods for Heat and Fluid Flow	2018	38	3	GOVERNMENT FIRST GRADE COLLEGE, KOPPA
Marangoni convection radiative flow of dusty nanoliquid with exponential space dependent heat source	B.C.PRASAN NAKUMRA	Nuclear Engineering and Technology	2017	24	17	GOVERNMENT FIRST GRADE COLLEGE, KOPPA
Boundary Layer Flow and Heat Transfer of fluid particle	B.C.PRASAN NAKUMRA	Nonlinear Engineering	2017	4	5	GOVERNMENT FIRST GRADE COLLEGE, KOPPA

suspension with nanoparticles over a nonlinear stretching sheet embedded in a porous medium						
Boundary layer flow of dusty fluid over a radiating stretching surface embedded in a thermally stratified porous medium in the presence of uniform heat source	B.C.PRASAN NAKUMRA	Nonlinear Engineering	2017	4	8	GOVERNMENT FIRST GRADE COLLEGE, KOPPA
Three dimensional flow of Maxwell fluid with suspended nanoparticles past a bidirectional porous stretching surface with thermal radiation	B.C.PRASAN NAKUMRA	Thermal Science and Engineering Progress	2017	4	26	GOVERNMENT FIRST GRADE COLLEGE, KOPPA
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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	11	3	0
Presented papers	2	6	0	0
Resource persons	0	3	3	2

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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
NSS Special camp	NSS and Local bodies of the village	2	100
Blood Donation Camp	NSS/ Youth Red Cross	4	39
Blood Donation Camp	NSS/ Youth Red Cross/SDCH BLOOD BANK	4	100
Tree Plantation	NSS	2	50

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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
<b>No Data Entered/Not Applicable !!!</b>			
No file uploaded.			

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/Agen cy/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
<b>No Data Entered/Not Applicable !!!</b>				
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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
<b>No Data Entered/Not Applicable !!!</b>			
No file uploaded.			

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
<b>No Data Entered/Not Applicable !!!</b>					

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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
<b>No Data Entered/Not Applicable !!!</b>			
No file uploaded.			

#### 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
16288541	16288541

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Others	Newly Added
No file uploaded.	

##### 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 partially)	Version	Year of automation
Easylib	Partially	6.2A	2016

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Journals	10	10000	0	0	10	10000
e-Journals	500	8000	0	0	500	8000
Text Books	220	30000	500	50000	720	80000
No file uploaded.						

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
<b>No Data Entered/Not Applicable !!!</b>			
No file uploaded.			

##### 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
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Existing	40	1	5	0	0	1	14	8	0
Added	0	0	0	0	0	0	0	0	0
Total	40	1	5	0	0	1	14	8	0

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

8 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
Nil	<a href="#">Nil</a>

#### 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 incurred on maintenance of physical facilities
3186764	3186764	1935316	1935316

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)

Our College has comparatively good physical and academic facilities. The said facilities include classrooms, computer and Science laboratories, ICT rooms, Auditoriums and waiting room for girls. These facilities are made available for the students who get admission to our college. Our college has two types of buildings one section consists of tiled roofing and the other section consists of RCC roofing. Four Science labs have been provided for Science students. Special grants have been provided for maintenance of the computer lab, Science Labs and the class room with other allied facilities which are the part of the teaching-learning activities. The maintenance and cleaning of the class rooms are done with the efforts of the non-teaching staff. The institute allocates proper budget for the cleanliness of the college building. The college has lush green garden maintained by staff of our institution. The college has adequate number of computers and internet connections. Most students have the opportunity to use those facilities as per the rules and the policies of the institution. Computer labs are made available for all the students and particularly computer students during their active teaching hours. Students have an opportunity to use the science labs throughout the day. Our library is also well equipped with all necessarily required computers. Two computers are installed with internet in the library. Two computers are installed in the staff room for the faculty for preparing teaching slides for their ICT enabled teaching in the class rooms. All these computers are well maintained. Four ICT rooms are available for teaching effectively. The college website has maintained and updated regularly by the website co-ordinator. The maintenance of UPS is regularly done with its company persons as and when required. Four water tanks-two underground and two overhead tanks are being cleaned at regular intervals. As for as drinking water is concerned, RO UV based system for pure drinking water facility has been maintained by the college Staff. Our Institution has four fire extinguishers. All the fire equipments are regularly upgraded as and when required by the experts. Our college has special waiting room for girls with attached toilet facilities. Our auditorium is partially equipped with modern facilities. Along with this we have an open auditorium

which holds more than thousand members for any programme.

<http://www.gfgckoppa.in>

## 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	Student Welfare Fund	19	19000
Financial Support from Other Sources			
a) National	Scholarship from Government	819	3971127
b) International	nil	0	0

[View File](#)

#### 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
Remedial coaching	20/06/2017	521	00

[View File](#)

#### 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
2017	Placement Training	100	100	0	15

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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
1	1	27

### 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
Nil	0	0	Infosys	30	8

[View File](#)

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

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2018	10	Science, Arts and Commerce	Science, Arts and Commerce	Kuvempu, Mysore, Mangalore University	MA, MSc, MCom

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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
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No Data Entered/Not Applicable !!!

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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
Inter college Cricket Tournament	University level	195
Inter college Kabaddi tournament/selection selection	University level	192
College authentic team selection (Kabaddi)	University level	192

[View File](#)

**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/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
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No Data Entered/Not Applicable !!!

No file uploaded.

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The college has constituted various committees and student representatives are appointed in the same committees to carry out various academic and administrative activities. Students

**5.4 – Alumni Engagement**

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

0



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

0

5.4.4 – Meetings/activities organized by Alumni Association :

NIL

## 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)

Institute has a mechanism for delegating authority and providing operational autonomy to all the various functionaries to work towards decentralized governance system. To promote quality of education to all sections of people in academic, social, political and aiming to develop a responsible management. At the same time, decentralization is seen as a means of improving the efficiency of education system and the quality of educational services. At various levels the college grooms the leadership. Governing body, Management, Principal, Vice Principal, IQAC Members, Steering committee, teaching staff, non-teaching staff, supporting staff, student

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

No

### 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
Admission of Students	Complete transparency is maintained in the admission process of students. As ours is a government institution we cannot deny admission to any student who seeks admission in our college. In some rare occasions due to lack of space in class rooms some students do not get admission to only some specific courses
Curriculum Development	The institution does not have any role in designing the curriculum. However, a few of our college faculty members are members in Board of Studies which takes care of curriculum development also Senior faculty members who are in BOS help in the up gradation of the syllabus at the time of its revision.
Teaching and Learning	The IQAC of the institution has been trying to bring in vital changes in the process of teaching and learning. It has motivated all the departments to conduct special lecture programmes so as to benefit both teachers and students on various topics and even beyond the prescribed syllabus. Teachers have been requested to adopt new and innovative methods of teaching

	which benefits the student community.
Examination and Evaluation	The affiliating university takes care of the whole examination and evaluation process. The institution has its role only in conducting two internal assessment tests and to assign project works in some selected subjects. All these have been done in a methodical and systematic manner.
Research and Development	IQAC has been motivating teachers to take up research in their respective fields and beyond. Similarly, three minor research projects have already been completed in the college. Students are also been motivated to develop research attitudes to excel in their academic prospects.
Library, ICT and Physical Infrastructure / Instrumentation	The library of the college is well equipped to meet the academic needs of the students. However, new additions are made with each passing year to cater to the ever-dynamic inquisitive minds. The institution has enough of ICT tools and teachers are encouraged to make the best use of them. The infrastructure of the college is not sufficient to meet the growing number of students with every passing year. However, in the limited resources available, efforts are being made to provide quality education to students.
Human Resource Management	Knowing very well that the students are the future citizens of the nation, the institution is making the best use of students to cater the needs of the society. They are reminded of their roles and responsibilities in the community and provided such education that they do not dither from their roles.
Industry Interaction / Collaboration	Industry interaction/collaboration is done for a few purposes. Students are made to interact with industries for their project related works. Collaboration of the industry is sought when the institution organizes major seminars and conferences.

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

E-governance area	Details
<b>No Data Entered/Not Applicable !!!</b>	

### 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
<b>No Data Entered/Not Applicable !!!</b>				
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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)
<b>No Data Entered/Not Applicable !!!</b>						
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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
Orientation Programme, Faculty Development Programme and Foundation Course	5	01/08/2017	07/03/2018	91
<a href="#">View File</a>				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
24	24	5	5

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Jyothi sanjeevini medical benefit scheme First aid facilities	Jyothi sanjeevini medical benefit scheme First aid facilities	Scholarships to students Laptop distributed to 3 students under free laptop distribution scheme First aid facilities

## 6.4 – Financial Management and Resource Mobilization

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

The institute has a mechanism for internal and external audit. We have our own internal audit mechanism where internal audit is an ongoing continuous process in addition to the external auditors to verify and certify the entire Income

and Expenditure and the Capital Expenditure of the Institute each year. Qualified Internal Auditors from external resources have been permanently appointed and a team of staff under them do a thorough check and verification of all vouchers of the transactions that are carried out in each financial year. Likewise an external audit is also carried out on an elaborate way on quarterly

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
<b>No Data Entered/Not Applicable !!!</b>		
No file uploaded.		

6.4.3 – Total corpus fund generated

<b>No Data Entered/Not Applicable !!!</b>
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## 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	IQAC
Administrative	Yes	Head Office		

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

<b>No Data Entered/Not Applicable !!!</b>
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6.5.3 – Development programmes for support staff (at least three)

<b>No Data Entered/Not Applicable !!!</b>
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6.5.4 – Post Accreditation initiative(s) (mention at least three)

<b>No Data Entered/Not Applicable !!!</b>
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6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	No
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
2018	State level Workshop on Study of English and Kannada Poetry	13/03/2018	13/03/2018	13/03/2018	100
No file uploaded.					

## 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
A special talk in Womens day Celebration	08/03/2018	08/03/2018	50	16

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
A strict ban on using personal vehicles once in a month to avoid pollution.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	1

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
No Data Entered/Not Applicable !!!							
No file uploaded.							

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
No Data Entered/Not Applicable !!!		

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Celebration of Vishwa Manavadinacharane (Universal Day of Humanity)	30/12/2017	30/12/2017	80
No file uploaded.			

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

The campus is made plastic free zone. Students are advised not to throw any plastic bags or wrappers inside the campus. Dustbins are provided to throw waste materials. A strict ban on using personal vehicles once in a month.
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## 7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Providing Sanitary Napkins to Female Students.Students are making best use of
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it. They feel that this practice is indeed of great help for them. Daily Recitation of National Anthem

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

[http://gfgckoppa.in/\\_best-practice/](http://gfgckoppa.in/_best-practice/)

### 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

Through proper planning and strategies, the institution focuses at delivering to its best ability the vision of the college. In keeping with our institution vision of promoting quality education to rural youth by focusing on the development of their physical, intellectual, scientific, social potentials and transform them into national assets, College has always given priority to the education of rural youths to empower them. The institution stresses on outreach programmes and inculcates in its students an awareness of the value of a holistic education and an empathy for the less privileged sections of society. An active NSS organize outreach programmes for the student community. The college rallies round during natural and man made calamities and is a collection centre for relief materials. Packaging of these by the students and transportation to distribution centres is a part of our commitment.

Provide the weblink of the institution

<http://gfgckoppa.in/>

### 8.Future Plans of Actions for Next Academic Year

To strengthen the IQAC To conduct more programmes for the benefit of students To bring in more number of experts from other institutions to improve the teaching-learning activities in the institution To enhance the number of smart class rooms in the academic departments. To provide computers for every department to carry out research related works To enhance collaborative research among the departments and to take initiative for inter-institutional collaboration