

KALPATARU FIRST GRADE SCIENCE COLLEGE

(Affiliated with Tumkur University)

NH-206, TIPTUR – 572 201

NAAC – ACCREDITED 'A' GRADE WITH CGPA OF 3.17

Academic Audit Report for the Academic year 2021-2022

Sl. No	Particulars and Description			
1	Academic Audit Experts			
	Name	1	2	3
	Dr Malathi	Dr Guru Murthy	Dr Saraswathi	
	Designation	Principal & Associate Professor of Psychology	Principal	Associate Professor Of English, GFGC, Tiptur
	Address	PAAC College	KIT	GFGC
	Contact No.	9449737194	9740016919	9945521522
2	Mail-ID	Malathi.vrao@gmail.com	gurumurthygd@gmail.com	Saraswathikb74@gmail.com
	UGC status,	2(f) & 12(B)		
	NAAC status	'A' Grade with a CGPA of 3.07		
	Period of accreditation	From 01-09-2016 to 01-09-2021 (FIVE YEARS)		
3	TUT affiliation	Permanent affiliation		
	Date of audit	19-05-2022		

4	Courses available	UG		PG			
		B.Sc.					
		PCM, PME, PMCs., CBZ		BCA NIL			
5	Total students admitted to the course.	B.Sc.	BCA	Total			
		325	222	547			
6	Certificate courses conducted	NIL					
7	STAFF DETAILS						
	TEACHING:						
	a) No. of Permanent faculty	20					
	b) No. of full-time faculty(Temporary)	29					
	c) No. of permanent non-teaching staff	03					
	d) Temporary non-teaching staff	25					
	No. of PhD holders	05					
9	Student Teacher Ratio	547:49 = 1:11					
10	Total no. of teachers as resource persons	Nil					

11	Total no. of seminars/ workshops/ conferences attended by teachers	<p>Webinars-06</p> <ol style="list-style-type: none"> The Emotional Well-being of Teaching during the Pandemic on 20-05-2021 Importance of Environment on 05-06-2021 Need for Good Communication Skills on 17-06-202 Basic English Communication in Daily Simple Experiences on 18-06-2021 Attributes required for Civil Servants on 23-06-2021 Albert Einstein and his Contributions on 24-07-2021. Workshop on National Education Policy on 18-08-2021 								
12	<p>Number of teachers using ICT</p> <p>Percentage of teachers using ICT</p>	<p>40</p> <p>81%</p>								
13	Total no. of publications by teachers	<table border="1" data-bbox="833 1224 1521 2048"> <tr> <td data-bbox="833 1224 1166 1291">Paper Published</td><td data-bbox="1166 1224 1521 1291">05</td></tr> <tr> <td data-bbox="833 1291 1166 1381"></td><td data-bbox="1166 1291 1521 1381"></td></tr> <tr> <td data-bbox="833 1381 1166 1673"></td><td data-bbox="1166 1381 1521 1673"> <p>01</p> <p>Name: B.C. VINUTHA</p> <p>Title: DRAUPADI AND SITA: MYTHS RETOLD</p> </td></tr> <tr> <td data-bbox="833 1673 1166 1987">Book Published</td><td data-bbox="1166 1673 1521 1987"> <p>Name of the book: E-Book</p> <p>Hejje Mudida Hadi</p> <p>ISBN:978-93-5406-405-0</p> </td></tr> </table>	Paper Published	05				<p>01</p> <p>Name: B.C. VINUTHA</p> <p>Title: DRAUPADI AND SITA: MYTHS RETOLD</p>	Book Published	<p>Name of the book: E-Book</p> <p>Hejje Mudida Hadi</p> <p>ISBN:978-93-5406-405-0</p>
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STUDENT SUPPORT SYSTEM

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a) Bridge course/Orientation program	Combination-wise orientation/fresher's day was organized
b) Mentoring system	Yes
c) Remedial classes	Classes are held department-wise.
d) Number of special talks and seminars conducted	05
e) Cultural competition	College level
f) Social awareness programmes	<p>Programmes were organized by following committees</p> <p>1) NSS</p> <p>2) NCC</p> <p>3) Women Redressal Cell</p> <p>4) Eco club</p> <p>5) Youth Red Cross</p> <p>6) Science Forum</p>
g) Industrial visits/Field visits	Yes
h) Personality and skill development	Yes
i) Sports activities	Yes
j) Extension activities: Tours and field visits	Botany, Chemistry, Zoology, Electronics, Computer Science, and Physics Departments organized field and industrial visits.
k) NSS/ NCC programmes	Organized many programmes.
l) Student-alumni meetings	Conducted regularly

	l) Visit research institutes	Yes
	m) Project works	Electronics, Computer Science, Computer Applications and Botany departments conduct projects based on the syllabus.
15	INFRASTRUCTURE	
	No. of classrooms	10
	No. of laboratories	15
	No. of ICT classrooms / Smart classrooms	8
	No. of computers	136
	No. of water purifiers	02
	No. of books in the library	31263
	No. of journals/magazines	13+12=25
	No. of Seminar Hall	01
	No. of staff rooms	10
16	No. of restrooms for students	Boys:01 Girls: 02
	No. of waiting rooms (Girls)	01
	CURRICULUM PLANNING (FILES ARE MAINTAINED)	
	a) Syllabus	Yes
	b) Work dairy	Yes
16	c) Timetable	Yes
	d) Attendance	Yes
	e) Internal marks	Yes

TEACHING-LEARNING EVALUATION

17

a) Assignments	Subject-wise assignments were given.
b) Unit test	02 in each semester
c) Term test	02 in each semester
d) Skill teaching in vocational subject	-

RESULT ANALYSIS

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SEMESTER

B.Sc.

BCA

I (NEP)

Kannada- 96.20%	
English-92.41%	
Physics-59.09%	
Chemistry- 68.42%	Kannada-91%
Maths-57.14%	English-94%
Electronics-25%	Accounting for Everyone-89%
Computer Science-64.29%	Fundamentals of Computer-91%
Botany-71.43%	Programming C-86%
Zoology-71.43%	Mathematical Foundation-61%
OPEN ELECTIVE	Accountacy-75%
Chemistry-79%	Networking-98%
Maths-62%	Physical Education & Yoga-100%
Electronics-31%	Health & Wellness-100%
English-99%	
Computer	

	Science-75%	
	Zoology-80%	
	Kannada-97.4%	
	English-97.4%	
	Physics-70.0%	
	Chemistry-84.2%	
	Maths-51.9%	
	Electronics-25%	
	Computer Science-78.6%	
	Botany-75%	
	Zoology-76.2%	
	OPEN ELECTIVE	
	Mathematics-75%	
	General Chemistry-94%	
	Electronics-89%	
	C-Programming Concepts-89%	
	English For Corporate Jobs-83%	
II (NEP)		
III (CBCS)	69.72	72.22
IV(CBCS)	75.93	88.24
V(CBCS)	63.41	76.92

	Science-75%	
	Zoology-80%	
II (NEP)	Kannada-97.4% English-97.4% Physics-70.0% Chemistry- 84.2% Maths-51.9% Electronics-25% Computer Science-78.6% Botany-75% Zoology-76.2% OPEN ELECTIVE Mathematics- 75% General Chemistry-94% Electronics-89% C-Programming Concepts-89% English For Corporate Jobs- 83%	Data Structures Using C-91% Object-Oriented Concepts Usin JAVA-96.03% DMS (Maths)-83.16% English-97.02% Kannada-98.01% EVS-92.07%
III (CBCS)	69.72	72.22
IV(CBCS)	75.93	88.24
V(CBCS)	63.41	76.92

OBSERVATIONS:**PAPER PUBLISHED:**

Name	Paper Title	Name of the Journal	Date of Publication
Prof. Prakasha	Applying Artificial Intelligence to Studies on Water Quality and Phytoplankton Diversity of Eachnur Tank.	International Journal of New Innovations in Engineering & Technology	3-8-2021
Prof. G.C.Mallikarjunaswamy	Using Machine Learning Techniques Studies on Water Quality Index and Phytoplankton Diversity of Tiptur, Tumkur District	International Journal of Advanced Research in Computer and Communication Engineering	9-9-2021
Prof. G.C.Mallikarjunaswamy	Applying Artificial Intelligence to Studies on Water Quality and Phytoplankton Diversity of Eachnur Tank.	International Journal of New Innovations in Engineering & Technology	3-8-2021
Prof. Swapna	Applying Artificial Intelligence to Studies on Water Quality and Phytoplankton Diversity of Eachnur Tank.	International Journal of New Innovations in Engineering & Technology	3-8-2021
Prof. Prakasha	Applying Artificial Intelligence to Studies on Water Quality and Phytoplankton Diversity of Eachnur Tank.	International Journal of New Innovations in Engineering & Technology	3-8-2021

Observation & Recommendations:

- Good number of outreach, experiential and participation learning.
- To work on the decalining strength of science students.

N. S. - the V

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U.G.D

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