

**Kalpataru Vidya Samsthe®**  
**Kalpataru First Grade Science College,**  
**Tiptur.**

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**ANNUAL QUALITY ASSURANCE REPORT**

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**2012-2013**

## The Annual Quality Assurance Report (AQAR) of the IQAC

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the result of the perspective plan worked out by the IQAC. (Note: The AQAR period would be the Academic year, for example, July 2012 to June 30, 2013)

### Part – A

#### 1. Details of the Institution

1.1 Name of the Institution	Kalpataru First Grade Science College
1.2 Address Line 1	NH-206
Address Line 2	Tiptur
City/Town	Tiptur, Tumkur District
State	Karnataka
Pin code	572202
Institution e-mail address	kfgscprinci@gmail.com
Contact Nos.	08134-251067
Name of the Head of the Institution	N. Parameshwarappa
Tel. No. with STD Code:	08134-251067
Mobile:	9740016914
Name of the IQAC Co-ordinator	T.B. Jayanandaiah
Mobile:	9743431664
IQAC E-mail address	iqackfgsc@gmail.com

1.3 NAAC Track ID (for ex: MHCOGEN 18879)

1.4 NAAC Executive Committee No. & Date:

1.5 Website address

www.kfgsctiptur.org

Web-link of the AQAR

www.kfgsctiptur.org// AQAR.doc

1.6 Accreditation Details

Sl No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	B+		2003	5 Years
2	2 <sup>nd</sup> Cycle	B	2.87	2010	5 Years
3	3 <sup>rd</sup> Cycle				
4	4 <sup>th</sup> Cycle				

1.7 Date of establishment of IQAC: DD/MM/YYYY

15-11-2004

1.8 AQAR for the year (for example 2010-11)

2012-13

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC (for example AQAR 2010-11 submitted to NAAC on 12-10-2011)

i. AQAR 2009-10 report was submitted on 16/03/2012

ii. AQAR 2010-11 report was submitted on 16/03/2012

iii. AQAR 2011-12 report was submitted on 30/09/2012

iv. AQAR \_\_\_\_\_

1.10 Institutional Status

University State  Central  Deemed  Private

Affiliated College Yes  No

Constituent College Yes  No

Autonomous College of UGC Yes  No

Regulatory agency approved Yes  No

institution

Type of Institution	Co-education	<input checked="" type="checkbox"/>	Men	<input type="checkbox"/>	Women	<input type="checkbox"/>
	Urban	<input type="checkbox"/>	Tribal	<input type="checkbox"/>	Rural	<input checked="" type="checkbox"/>
Financial Status	Grant-in-aid	<input type="checkbox"/>	UGC 2(f)	<input checked="" type="checkbox"/>	UGC12B	<input checked="" type="checkbox"/>
	Grant-in-aid + Self financing			<input checked="" type="checkbox"/>		
	Totally Self-financing	<input type="checkbox"/>				

1.11 Type of Faculty/Programme

Arts	<input type="checkbox"/>	Science	<input checked="" type="checkbox"/>	Commerce Law	<input type="checkbox"/>	PEI (Phys Edu)	<input type="checkbox"/>
TEI (Edu)	<input type="checkbox"/>	Engineering	<input type="checkbox"/>	Health Science	<input type="checkbox"/>	Management	<input type="checkbox"/>

Others (Specify)

UG-courses PCM, CBZ, PME and PMCs.
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1.12 Name of the Affiliating University (for the Colleges)

Tumkur University
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1.13 Special status conferred by Central/State Government – UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University	<input type="text" value="NA"/>		
University with Potential for Excellence	<input type="text" value="NA"/>	UGC-CPE	<input type="text" value="NA"/>
DST Star Scheme	<input type="text" value="NA"/>	UGC-CE	<input type="text" value="NA"/>
UGC-Special Assistance Programme	<input type="text" value="NA"/>	DST-FIST	<input type="text" value="NA"/>
UGC-Innovative PG programmes	<input type="text" value="NA"/>	any other (Specify)	<input type="text" value="----"/>
UGC-COP Programmes	<input type="text" value="NA"/>		

**2 IQAC Composition Activities**

2.1 No of Teachers	<input type="text" value="12"/>
2.2 No. of Administrative/Technical staff	<input type="text" value="02"/>
2.3 No. of students	<input type="text" value="04"/>
2.4 No. of Management representatives	<input type="text" value="02"/>
2.5 No. of Alumni	<input type="text" value="04"/>
2.6 No. of any other stakeholder and Community representatives	<input type="text" value="02"/>

2.7 No. of Employees/Industrialists

2.8 No. of other External Experts

2.9 Total No. of members

2.10 No. of IQAC meeting held

2.11 No. of meetings with various stakeholders No.  Faculty

Non-Teaching staff  students  Alumni  others

2.12 Has IQAC received any funding from UGC during the year? Yes  No

If yes, mention the amount

2.13 Seminars/Conferences (only quality related)

(i) No. of Seminars/Conferences/Workshops/Symposia organized by the IQAC

Total numbers  International  National  State

Institution level

(ii) Themes

Chemistry in Daily Life, Organic Farming, Globalization, Communication Skills, Solar Energy, Personality Development, Feminism, Rain Water Harvesting, Research Methodology, Career Opportunities and Study Skills, Food Security and Genetically Modified Crops.

2.14 Significant Activities and contributions made by IQAC

- Reached academic excellence, four students have secured ranks out of ten.
- University level science lecture, quiz, essay and painting competitions were organized on 12/02/2013 by science forum.
- Students were placed in L&T and Wipro.
- Encouraged the students' talents through cultural activities.
- Enriched the curriculum through value added programmes.
- Installed smart boards in two departments.

- Students have completed projects prescribed in the syllabus.
- Felicitation of the teaching and non-teaching staff on their retirement.
- Continuous evaluation through tests, assignments, seminars, viva-voce and projects.
- Launched skill development programmes such as soft skills, facing interviews and resume training.
- Judicious allocation and utilization of UGC development grants.

### 2.15 Plan of action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year \*

<b>Plan of Action</b>	<b>Achievements</b>
1. To create intellectually vibrant atmosphere in academics.	* Four students have secured ranks. * Majority of our students are pursuing M.Sc., MBA, MCA and B.Ed.
2. To enhance employability of the students.	* Students were recruited in various companies. * Career counseling cell organized many programmes.
3. To organize seminars and lectures by departments.	* Departments of Physics, Chemistry, Electronics, Zoology and Botany arranged special lectures.
4. To encourage teachers to take up research projects.	* One minor project has been completed. * Two of them have taken up minor projects.
5. To encourage publications by faculty.	* Nine papers have been published in research journals/proceedings.
6. To purchase new books and journals.	* Purchased new books and journals.
7. To purchase a new generator to backup the power supply.	* New generator has been installed.
8. To enhance and expand the laboratory facilities.	* New equipment has been purchased to the existing stock.
9. To modernize pedagogic tools.	* Two departments have installed smart boards.

Plan of Action	Achievements
10. To imbibe leadership quality.	* Talk on personality development was organized.
11. Arranging educational trips.	* Depts. of Chemistry, Botany and Zoology organized trips.
12. To celebrate Golden Jubilee of our institution.	* Various programmes and mega exhibitions were organized. It was celebrated with pomp and show.
13. To conduct an academic audit.	* Academic audit was conducted by the Principal and IQAC members.
14. To promote collaboration through MoU.	* Entered MoU with one industry.

2.16 Whether the AQAR was placed in statutory body Yes  No

Management  Syndicate  any other body

Provide the details of the action taken

- The college council has discussed and approved the AQAR
- A detailed plan was drawn to gather the inputs from diverse groups of Science Departments, Humanities, Sports, Library, NSS, NCC, Scouts & Guides, Youth Red Cross, Career and Counseling Cell, Woman Grievance Cell, Anti-ragging Cell, Literary Club and Film Club, Students, Alumni and Non-teaching staff. An action plan was drafted as per the priorities.
- SWOT analysis was carried out in each department and the departmental plans were evolved.
- IQAC reviews the progress made on the proposals of the previous year's action plan.

## Part-B

### 1. Curricular Aspects

#### 1.1 Details about Academic Programmes.

Level of the programme	Number of existing programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / career oriented programmes
PhD				
PG				
UG	01-B.Sc (4 combinations)			
PG Diploma				
Advanced Diploma				
Diploma				
Certificate	01			
Others				
<b>Total</b>	<b>02</b>			

#### U.G Programmes

Aided	Un-aided
PCM,PME,CBZ	PMCs
<b>Total=03</b>	<b>Total=01</b>
<b>Total of Both Aided and Unaided = 04 programmes</b>	

#### 1.2 (i) Flexibility of the Curriculum CBCS/Core/Elective option/Open options

##### (ii) Pattern of programmes:

Pattern	Number of Programmes
Semester	01
Trimester	
Annual	



1.3 Feedback from stakeholders\*

(On all aspects) Alumni  Parents  Employers  Students   
Mode of feedback online  manual  co-operative schools

1.4 Whether there is any revision/update of regulation or syllabi, if yes mention their salient aspects.

Yes- College follows the guidelines of Tumkur University.

1.5 Any new department/Centre introduced during the year. If yes, give details.

NO

## Criterion – II

### 2. Teaching, Learning and Evaluation

#### 2.1 Total no. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
31	12	19	---	---

#### 2.2 No. of permanent faculty with Ph.D.

02
----

#### 2.3 No. of Faculty positions Recruited (R) and vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
00	10	00	00	00	00	10	00	10	00

#### 2.4 No. of Guest and visiting faculty and Temporary faculty

		10
--	--	----

#### 2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	02	10	04
Presented papers	02	02	00
Resource persons			00

\* See Annexure-V

#### 2.6 Innovative process adopted by the institution in Teaching and Learning

- |   |
|---|
| <ul style="list-style-type: none"> <li>• Bridging theory and practice.</li> <li>• Smart boards were installed in two departments.</li> <li>• Modern pedagogic tools have enhanced clarity in teaching and learning process.</li> <li>• Remedial coaching for slow learners and advanced learning strategies for bright students was provided for the students to succeed in academics.</li> <li>• Industrial and educational trips were arranged to enrich the practical knowledge.</li> <li>• A series of lectures were organized by various departments and forums.</li> <li>• Wall magazine and College magazine published news, articles and features.</li> </ul> |
|---|

2.7 Total no. of actual teaching days during this academic year 200

2.8 Examination/Evaluation reforms initiated by the Institution (for example: open Book Examination, Bar coding, Double Valuation, Photography, Online Multiple choice Questions)

Examination and evaluation are conducted as per Tumkur University guidelines.

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of study/Faculty/Curriculum development workshop.

Member, BOS	Member, BOE	Chairman, BOE
03	11	01

\* See Annexure-III

2.10 Average percentage of attendance of students 85

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Date	Total no. of students appeared	Division			
			I	II	III	Pass%
I B.Sc –I sem	Nov-2011	183	105	12	---	63.93
I B.Sc –II sem	June-2012	182	120	09	---	70.88
II B.Sc –III sem	Nov-2011	247	149	13	---	65.84
II B.Sc –IV sem	June-2012	244	124	17	---	57.79
III B.Sc –V sem	Nov-2011	220	165	06	---	77.73
III B.Sc -VI sem	June-2012	280	170	10	---	82.57

2.12 How does IQAC contribute/Monitor/Evaluate the Teaching & Learning processes:

IQAC team holds regular meetings to make periodical assessment of teaching and learning process and action plan is evolved. It facilitates sufficient funds for infrastructure, implementing the projects, laboratory equipment, budget requirements for modernization of class rooms, increasing learning outcomes, improving the results etc. It carries out evaluation of the faculties from students with the help of questionnaire. It also decides on the measures to be taken to improve and sustain the quality of higher education. IQAC is working as guiding force in all our endeavours.

### 2.13 Initiative undertaken towards faculty development

Faculty/Staff Development programmes	Number of faculty benefitted
Refresher courses	03
UGC – Faculty Improvement programme	00
HRD programmes	00
Orientation programmes	01
Faculty exchange programme	--
Staff training conducted by the University	02
Staff training conducted by other institutions	--
Summer/Winter schools, Workshops, etc.	16
Ph.D., pursuing	05

\* See Annexure-IV and V

### 2.14 Details of administrative and Technical staff

Category	Number of permanent employees	Number of vacant positions	Number of permanent positions filled during the year	Number of positions filled temporarily
Administrative Staff	11	14	Nil	09
Technical staff	--	--	--	04

## Criterion – III

### 3 Research, Consultancy and Extension

#### 3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

The IQAC promotes research culture among faculty under FIP. Many of them are engaged in active research and minor projects. In order to enrich and empower faculties and students, several seminars, workshops and conferences were organized. They are provided with leave and financial help if needed. Identifies research areas in the locality and encourages faculty to take up research activities.

Five of them are pursuing Ph.D., and two of them are awarded Doctorate Degree in Electronics and English.

Students are motivated to attend seminars.

IQAC plays a key role in organizing special lectures by scientists, prominent academicians, eminent personalities and entrepreneurs in different fields.

#### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	Nil	Nil	Nil	Nil
Outlay in Rs. Lakh	--	--	--	--

#### 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	01	02	00	01
Outlay in Rs. Lakh	1.84	1.6+1.59	00	1.84

#### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	05	00	---
Non-Peer Review Journals	---	---	---
e-Journals	---	---	---
Conference proceedings	02	02	00

3.5 Details on Impact factor of publications:

Range  Average  h-index  Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organizations

Nature of the Project	Duration year	Name of the funding Agency	Total grant sanctioned	Received
Major Projects				
Minor Projects	1 ½	UGC	5.03Lakh	
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University / college				
Students research projects (other than compulsory by the university)				
Any other (Specify)				
Total	1 ½		5.03Lakh	

3.7 No. of books published i) with ISBN No.  Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP  CAS  DST-FIST   
DPE  DBT Scheme/funds

3.9 For Colleges Autonomy  CAS  DST-FIST

3.10 Revenue generated through consultancy

3.11 No. of Conferences organized by the Institution

Level	International	National	State	University	College
Number	---	00	00	---	11
Sponsoring agencies	---	---	---	---	KVS

3.12 No. of faculty served as experts, chairpersons or resource persons -06

3.13 No. of collaborations International  National  Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in Lakh:

From funding agency (UGC)	<input type="text" value="5.03"/>
From Management/University/College	<input type="text" value="NIL"/>
Total	<input type="text" value="5.03"/>

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	Nil
	Granted	
International	Applied	Nil
	Granted	
Commercialized	Applied	Nil
	Granted	

3.17 No. of research awards/recognitions received by faculty and research fellows of the institute in the year

Total	International	National	State	University	Dist	College
	Nil	Nil	Nil	Nil	Nil	Nil

3.18 No. of faculty from the institution who are Ph.D.

Guides and students registered under them

3.19 No. of Ph.D. awarded by faculty from the Institution

3.20 No. of Research scholars receiving the fellowship (Newly enrolled + existing ones)

JRF  SRF  Project Fellows  Any other

3.21 No. of students participated in NSS event:

University level	<input type="text" value="Nil"/>	State Level	<input type="text" value="Nil"/>
National level	<input type="text" value="Nil"/>	International level	<input type="text" value="Nil"/>

3.22 No. of students participated in NCC events:

University level	<input type="text" value="Nil"/>	State Level	<input type="text" value="02"/>
National level	<input type="text" value="Nil"/>	International level	<input type="text" value="Nil"/>

3.23 No. of Award won in NSS

University level	<input type="text" value="Nil"/>	State Level	<input type="text" value="Nil"/>
National level	<input type="text" value="Nil"/>	International level	<input type="text" value="Nil"/>

3.24 No. of Award won in NCC

University level	<input type="text" value="02"/>	State Level	<input type="text" value="Nil"/>
National level	<input type="text" value="Nil"/>	International level	<input type="text" value="Nil"/>

3.25 No. of extension activities organized

University forum	<input type="text"/>	College forum	<input type="text" value="13"/>		
NCC	<input type="text"/>	NSS	<input type="text" value="06"/>	Any other	<input type="text"/>



### 3.26 Major Activities during the year in the sphere of extension activities and Institutional Social responsibility

- Anti-drugs programme and health awareness.
- Blood Donors Club
- Anti-tobacco awareness
- Red Ribbon programme
- Green programme
- Reviewed few Advertisements that portrayed gender and colour discrimination.
- Road safety awareness
- Thousands of students from government and private high schools and middle schools visited the science exhibition organized by our college in the Golden Jubilee Year.
- Institution has persistently undertaken various social awareness programmes and activities through NSS, NCC and cultural committee.
- Importance of Water Conservation.
- Cycle rally was organized to create awareness about pollution and to save fuel.
- In the Golden Jubilee year, our Institution honoured many people for their outstanding contribution to the society.
- Our College in collaboration with the Department of Women and Child Welfare, a programme on child welfare was organized.

## Criterion – IV

### 4 Infrastructure and Learning Resources

#### 4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	36 acres		Kalpataru Vidya Samsthe	36 acres
Class rooms	12	02	KVS/UGC	14
Laboratories	12		Kalpataru Vidya Samsthe & UGC	12
Seminar Hall	01		KVS	01
No. of important equipment purchased ( $\leq$ 1-0 lakh) during the current year				
Value of the equipment purchased during the year		Rs.164457	UGC	
Others				

#### 4.2 Computerization of administration and library

Library is fully automated and college office is computerized
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#### 4.3 Library services:

	Existing		Newly added		Total	
	No	Value	No	Value	No	Value
Text Books	29,145	Rs.22,26,181	258	Rs.45,503	29,403	Rs.22,71,684
Reference Books	500	Rs.50,000				
e-Books						
Journals	24	Rs.11,000				Rs.11,000
e-Journals						
Digital Database						
CD & Video	50	Rs.5,000				
Other (Specify)						

#### 4.4 Technology up gradation (overall)

	Total computers	Computer labs	Internet	Browsing centres	Computer centres	Office	Dept.	others
Existing	70	02	Broad-band	03	01	computerized	ICT enabled	05
Added								
Total	70	02		03	01			05

#### 4.5 Computer, Internet access, training to teachers and students and any other programme for technology up gradation (Networking, e-Government etc.)

Internet training is given to students, teaching and non-teaching staff.

The computer with internet access is made available to all the teachers in their departments.

The seminar hall is well equipped with interactive board, LCD projector and all the accessories required for various kinds of presentations.

Computer facility with internet access is made available to the college students free of cost.

The entire office work is executed using the computers.

Smart boards are available in laboratories.

#### 4.6 Amount spent on maintenance in Rs:

i) ICT

**1,16,646/-**

ii) Campus Infrastructure and facilities

**17,78,667/-**

iii) Equipments

**1,64,457/-**

iv) Others

**78,316/-**

Total

**21,38,086/-**

## Criterion – V

### 5. Student support and progression

#### 5.1 Contribution of IQAC in enhancing awareness about student support services:

During the “Freshers Day” students were familiarized with rules, regulations and facilities of the college.

Career guidance and soft skills training was imparted.

Campus Placement and Women Redressal Cell have helped students to change their lives.

Extra coaching was given to slow learners.

Students were encouraged to participate in various forums and activities to hone their skills and to participate in competitions.

Detailed feedback was obtained from the students on the quality related processes of the institution and later it was analyzed by the principal.

Timely announcements of upcoming events and projects were effectively announced on the notice board.

Guest lectures and study tours were organized to enrich practical knowledge and to make learning fascinating.

Information about the scholarship was announced regularly.

#### 5.2 Efforts made by the institution for tracking the progression

Continuous evaluation of students through tests, assignments, viva-voce and projects based on the syllabus was conducted to improve their performance in academics.

Mentoring of the students by the class teachers to help, develop, understand and focus on social and personal goals, which contribute to improve their performance.

Training was given in communication skills, placement interviews and personality development.

Arranging various educational trips helped the students to gain practical exposure in learning.

Feedback and suggestions from stake holders are closely analyzed and implemented.

#### 5.3 (a) Total number of students

UG	PG	PhD	Others
615			

#### (b) No. of students outside the state

Nil

#### (c) No. of international students

Nil

Men	No.	%
	208	34%

Women	No.	%
	407	66%

Last year 2011-2012						This year 2012-2013					
General	SC	ST	OBC	Minority	Total	General	SC	ST	OBC	Minority	Total
165	37	07	432	34	675	171	36	09	360	39	615

Demand ratio: 891:675

Drop out: 19

Demand ratio: 891:615

Drop out: 13

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

Institution organized various programmes for competitive examinations.

Career guidance cell provided guidance to the students by arranging the lectures on different aspects like avenues of employment, interview techniques and career based counseling.

Mock interviews were conducted for the final year students.

No. of students beneficiaries

100

5.5 No. of students qualified in these examinations

NET	NA	SET/SLET	NA	GATE	NA	CAT	NA
IAS/IPS etc	NA	State PSC	NA	UPSC	NA	Other	NA

5.6 Details of students counseling and career guidance

Career guidance and counseling was provided to the students regarding higher studies and employability.

Students were encouraged to come out with their views and suggestions for the enhancement of quality.

A few students were recruited by L&T and Wipro Technologies

They were trained to take up campus interviews in and outside the college.

They were given training in soft skills, resume writing and entrepreneurial skills.

They were motivated to exhibit their skills and talents through various academic clubs and forums.

No. of students benefited

80

### 5.7 Details of campus placement

On campus			Off campus
Number of organizations visited	Number of students participated	Number of Students placed	Number of students placed
02	80	10	02

### 5.8 Details of gender sensitization programmes

Women Redressal Cell organizes various programmes for girls.

Psychologists, Lawyers, Doctors were invited to sensitize students on gender related issues.

Women Redressal Cell organizes essay competition for girls every year.

Special lectures on various topics like sexual harassment, gender discrimination, domestic violence, child trafficking etc. were arranged.

A film based on social issues was screened.

Professional counseling was provided to students whenever required.

International Women's Day is celebrated every year.

### 5.9 Students Activities

#### 5.9.1 No. of Students participated in Sports, Games and other events

State/University level  National level  International level

#### No. of students participated in cultural events

State/University level  National level  International level

#### 5.9.2 No. of medals/awards won by students in Sports, Games and other events

##### Sports:

State/University level  National level  International level

##### Cultural:

State/University level  National level  International level

5.10 Scholarship and financial Support

	Number of Students	Amount
Financial support from institution	20	Rs.6006
Financial support from government	87	Rs.289543
Financial support from other sources	32	Rs.156500
Number of students who received International /National recognitions	----	----

5.11 Students organized/initiatives

Fairs: State/University level  National level  International level

Exhibition: State/University level  National level

International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed:

No serious grievances have been recorded in the institution however minor inconveniences have been adequately taken care off.

## Criterion – VI

### 6 Governance, Leadership and Management

#### 6.1 State the vision and Mission of the Institution

##### **VISION**

- The College seeks to accomplish a diverse, progressive educational environment enriching the lives of students, employees and our community.
- To emerge as one of the nation's pre-eminent, premier institutions that moulds the character and future of rural India.
- To induce a paradigm shift in community that education is pre-requisite for human development.

##### **MISSION**

- In light of the college's vision, its mission is represented in offering high-quality education to its students, especially to those in the rural sector in the emerging information age.
- The college imparts knowledge, skills and values that are so essential to the educated and responsible citizens.
- The College will strive to attract a faculty that will bring distinction and stature to the institution.
- College works on developing the student's personality that would make him/her capable of innovation, facing challenges, leadership, self-learning, team working and competitiveness. The college is committed to provide a culturally competent and sensitive environment that reflects and celebrates diversity.

#### 6.2 Does the institution has a management information system

Yes, Administration procedure, student admission records, examination procedure is well maintained.



### 6.3 Quality improvements strategies adopted by the institution for each of the following:

#### 6.3.1 Curriculum Development

Curriculum is developed by the university.

Many teachers are the members of the Board of Study and Board of Examination.

#### 6.3.2 Teaching and Learning

Cooperative learning is facilitated through project work, on-the-spot study and case study.

Modern pedagogic tools like Smart Boards, LCD, OHP and PowerPoint presentations for academic activities are used.

Students are encouraged to use online services.

College has feedback mechanism to evaluate the teachers and the feedback is reviewed every year by the Principal and IQAC committee.

Educational trips, excursions, camps, film shows are arranged for the students.

Extra classes are taken by the faculties to complete the syllabus in the prescribed time.

Remedial classes are conducted regularly.

Students, teaching and non-teaching members are encouraged to attend seminars, conferences and work-shops.

Students are given question bank, guidelines, and handouts to prepare for the exams.

#### 6.3.3 Examination and Evaluation

The principal and the staff monitor the performance of students by making an analysis after examinations.

Continuous evaluation is done through tests, assignments, viva-voce and projects.

Examination is conducted as per Tumkur university guidelines.

Many of our faculty members are appointed as Chairpersons and Members of Board of Examination.

#### 6.3.4 Research and Development

Teachers are encouraged to take up major/minor projects and pursue higher studies.

Teachers are encouraged to take up research activities that are relevant to local and state requirements.

Teachers are inspired to participate and organize conferences, workshops and seminars.

#### Library, ICT and physical infrastructure / instrumentation

Modern pedagogic tools are used to enhance clarity in teaching.

Every year library is strengthened by adding new books and journals.

Laboratories are regularly equipped with apparatus and instruments.

Two class rooms are added to the existing infrastructure this year.

#### 6.3.5 Human Resource Management

Democratic and secular management.

Decentralized administration.

Visionary Management committed Principal and dedicated teaching and non teaching staff work towards the well being of the institution.

Grievance Redressal Cell, Student Counseling Cell, Anti Ragging Cell, and Social Welfare Committee create awareness on various issues and cater to the needs of the students in a compassionate, kind and judicious way.

#### 6.3.6 Faculty and Staff recruitment

Faculty positions are filled by the government.

Temporary teaching and non teaching staff are recruited as per the requirement by the institution.

#### 6.3.7 Industry Interaction / Collaboration

Every year seminars are organized in collaboration with Research Centres, Universities, BAIF, and Film Society etc.

The Institution has constructive relationship with various institutions of the nearby locality to work on various outreach and extension activities.

Field visits and industrial visits were organized to promote practical knowledge and to make it more relevant to our students.

6.3.8 Admission of students

Admission is transparent.

Students are admitted as per the norms and regulations of university/government.

6.4 Welfare scheme for

Teaching	Employees can avail loans from Kalpataru Co-operative Society and Housing Society.
Non-teaching	Employees can avail loans from Kalpataru Co-operative Society and Housing Society.  Provident fund facility for staff.
Students	Scholarships and financial assistance are given to poor students by the institution and the teaching staff.  Book bank facility.

6.5 Total corpus fund generated

NIL

6.6 Whether annual financial audit has been done Yes

No

6.7 Whether Academic and administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Agency
Academic	Yes	Alumni and parents	Yes	Principal and IQAC
Administrative	Yes	Accounts officer	Yes	Auditor

6.8 Does the University / Autonomous College declare results within 30 days?

For UG Programmes Yes  No

For PG Yes  No

6.9 What efforts are made by the University / Autonomous colleges for examination reforms?

The affiliating university regularly implements examination reforms.  
Tumkur University has appointed Additional Chief Superintendents, who monitor the examination process.

6.10 What efforts are made by the University to promote autonomy in the affiliated / constituent colleges?

The University has recently introduced option of acquiring autonomous status.

6.11 Activities and support from Alumni Association

Alumni association has established a strong linkage with the college and makes contributions for development of the college.  
Members of Alumni association participated in the cultural programmes and worked as volunteers in Golden Jubilee Celebrations.

6.12 Activities and support from the parent – Teacher Association

Parents help to maintain the discipline of the college and support cultural and sports activities.  
Our students enthralled the audience by their dance performance in Golden Jubilee Celebrations.  
Parents came in large numbers to watch various concerts.

6.13 Development programmes for support staff

Basic and Systematic Computer training and writing skills are given to staff.  
Soft loan and Medical aid are provided to support staff.  
Advance payment in an emergency.  
Teaching and non-teaching staff are felicitated on their retirement.

#### 6.14 Initiatives taken by the institution to make the campus eco-friendly

Rain water harvesting.  
Less Plastic Zone.  
Green House is well maintained.  
Students are encouraged to use coir, khadi, jute, and cotton bags.  
Lush green garden is well maintained.  
Saplings are planted and nurtured with care.

### Criterion – VII

## 7 Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

Modern pedagogic tools are used.  
Skill development programmes like Resume writing and Facing interviews have helped students significantly.  
Science forum organized many programmes that helped the students remarkably and significantly.  
Science exhibitions were organized by all the departments in the Golden Jubilee Celebrations.  
Films were screened to sensitize students on various issues like globalization, exploitation of women etc.  
In the Golden Jubilee Celebrations Seminars and Conferences were organized. Dignitaries and distinguished guests were invited for three days. More than ten thousand visitors thronged the campus and were provided lunch. Kalpataru Vidya Samste gifted mementoes to teaching, non-teaching staff and students. Souvenir was released on this occasion. Cultural Programmes were organized in the evening.

7.2 Provide the action take report (ATR) based on the plan of action decided upon at the beginning of the year

The college could procure adequate funds under present plan schemes.  
Laboratories were updated, equipped with modern pedagogic tools.  
Library is well-stocked of new books, journals, and magazines.  
Students were placed in Multi National Companies.  
Majority of students are pursuing Post Graduation Courses.  
Special Lectures were organized by all the Departments.

7.3 Give two best practices of the institution (please see the format in the NAAC self-study manuals)

The management and every department honour the meritorious students by giving them cash prizes and medals.

The management helps economically backward students by giving them fee concessions.

\* See Annexure-II

7.4 Contribution to environmental awareness / protection

Rain water harvesting.

Less plastic zone.

Planting saplings regularly in the college premises.

Every year students plant saplings in the adopted village during the NSS camp.

To save petrol, cycle rally was organized and to promote the use of cycles, this campaign was successful.

All the class rooms are well ventilated that minimize the usage of energy.

7.5 Whether environmental audit was conducted? Yes

No

7.6 Any other relevant information the institution wishes to add (for example SWOT analysis)

The Institution conducted an internal SWOT analysis and identified its strengths, weakness, opportunities and threats. An action plan was drafted as per the priorities.

Excellent results in academics and four ranks out of ten is the crowning glory of our institution.

Declining student strength in science sections is a major threat.

Owing to good infrastructure the college has potential to start PG courses.

## 8 Plans of institution for the next year

To organize free medical camps.

To enter MoU with industries.

To encourage the students' talent through cultural activities and various science and literary forums.

To enrich the curriculum through value added programmes.

To enhance the employability of the students.

To create an atmosphere that demand new imaginations, new methodologies and a revitalized ethics for new generation of citizens and stake holders.

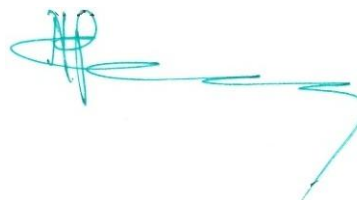
To encourage faculty members to take up minor/major research projects and pursue higher studies.

To encourage faculty members and students to organize and attend national level seminars, work- shops and conferences.

To plant saplings in village schools.



Name & Signature of the  
Coordinator, IQAC  
(Prof. T.B. Jayanandaiah)



Name & Signature of the  
Chairperson, IQAC  
(Prof. N Parameshwarappa)

## Annexure-I

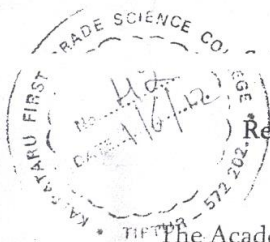
### TUMKUR UNIVERSITY

Vishwavidyanilaya Karyalaya, University Constituent College Campus, B.H. Road, Tumkur- 572 103

No. TU:AC : Gen-60:COE:UG:2012-13: 831

Date : 23.05.2012

#### NOTIFICATION



Under Graduate degree course.

- Ref: 1. Proceedings of the Committee Dated: 26.04.2012.  
2. Approval of the Hon'ble Vice- Chancellor (Para 27) Dated: 23.05.2012.

\*\*\*

The Academic Calendar for the year 2012-13 in respect of Under Graduate degree course is hereby notified as follows:

#### I, III, V, VII & IX Semester Time Table

Sl No.	Time table	Date
01.	Re-opening of Colleges and Reporting of Teachers	25.06.2012
02.	Last date for admission (III, V, VII & IX Sem)	30.06.2012
03.	Commencement of Classes for (III, V, VII & IX Sem)	27.06.2012
04.	Last date for admission to (I Sem)	30.06.2012
05.	Commencement of Classes (I Sem)	02.07.2012
06.	Last date for admission with penal fee of Rs. 400-00 (I Sem)	07.07.2012
07.	Last date for admission to III, V, VII & IX Sem with penal fee of Rs. 400-00	07.07.2012
08.	Last date before which the admission statement in triplicate to be sent to the University	20.07.2012
09.	End of the Classes	27.10.2012
10.	Vacation	28.10.2012 to 15.12.2012
11.	Commencement of Practical Examination	10.10.2012
12.	Commencement of Examination (I, III, V, VII and IX Semester)	29.10.2012

#### II, IV, VI, VIII & X Semester Time Table

Sl No.	Time table	2012-13 Date
01.	Re-opening of Colleges after vacation	17.12.2012
03.	End of the Classes	17.04.2013
04.	Vacation	18.04.2013 to 15.06.2013
05.	Commencement of practical Examination	25.03.2013
06.	Commencement of Examination (II, IV, VI, VIII & X)	19.04.2013
07.	Commencement of 2013-2014 Academic Year	04.06.2013

\* VII, VIII, IX & X Semesters applicable only to B.F.A. Course.



## **Annexure-II**

### **Good Practices of the Institution**

- **Transparency in admission**
- **Transparency in Internal assessment**
- **IQAC**

IQAC assess and evaluate performance of the individuals, the departments, and the institution as a whole. It ensures continuous improvement in the entire operations of the institution. It ensures regularity and standards to be maintained in infrastructure, activities, programmes conducted. Faculty helps to nurture individuals and inculcate a value system which has the capacity to change lives. Mobilization of resources from various funding agencies, budget allocation and optimum utilization of finances are decided by IQAC.

- **Donors Club**

It is a blood donation club. Hospitals and needy patients approach the college whenever blood is required. The students and lecturers happily volunteer to donate blood. This speaks for their commitment to the social needs.

- **Campaign, rallies and marches**

Campaign, rallies and marches are organized to protest against chilling accounts of atrocities on men and women, corruption, environmental and social issues.

- **Less Plastic for me**

Students have replaced plastic use with environment friendly paper bags and cups. College is litter free.

- **Stay away from bad habits**

Students are aware and they know how to say no to tobacco, alcohols and drugs.

- **Trees for the future**

Every year NSS students plant 50-100 saplings to nurture, to love and enjoy the beauty of watching it grow.

- **To work for environment and sustainable development**

Compost pits-leaves and biodegradable garbage are collected to form compost.

- **Rain water harvesting**

Students save water from going waste during periods of rainfall. Rain water harvesting units in the campus create awareness about the importance of water and to ameliorate the scarcity of water in the campus.

- **Art that has no boundaries**

Students take up the responsibility of all major decorations including the rangoli displayed in the lower foyer, the wall decoration for college day, workshops, seminars, exhibitions etc. We encourage students to bring forth their creativity, ideas and imagination to enhance the artistic sensibility of college.

- **To enhance the quality of teaching and learning environment**

Faculties and the students are encouraged to organize and participate in the state, national and international seminars, workshops and conferences, which enrich, empower and ensure the growth and development towards curricular aspects.

- **Teacher's Day**

Teachers Day is celebrated with great gusto. Students organize various games and competitions for the teachers, which is full of fun and laughter. Students pay tribute to teachers with respect and reverence. They present mementos to the teachers and host lunch for teaching and non-teaching staff.

- **Inaugural Function**

The tone for the beginning of the year is set by Inaugural Function of various Forums and Committees like Science Forum, Cultural Committee, N.S.S and N.C.C units, Sports etc.

- **College Day**

“PratibhaShree” is the most unique and memorable function organized by the various committees of the college. Students exhibit their talent and transport the audience to another world by drama, dance and music.

Rank holders and Subject toppers are honoured on this day. Prize winners in various competitions like sports, literary and cultural activities are also honoured on this day.

- **Publications of Students**

College magazine and wall magazine are full of articles, features and news .It is also about expressing one's creativity with clarity.

- **Clean and cool Ambience**

Lush green garden is well maintained.

- **Botanical garden and specimen collection.**

Students of Botany collect and maintain the Botanical garden under the supervision of the department of Botany. Students of Zoology are involved in specimen collection with the help of department of Zoology. Green house is well maintained with rare collection of plants.

- **Travel and Tours**

Class Picnics and tours are organized by students with the permission of the principal. Students are accompanied by the mentors, which are enriching experience for all. Beauty of the location, historical realities and cultural heritage of our country are greatly appreciated and thoroughly enjoyed.

- **Cultural Committee**

All of us have some hidden artistic talent which just needs to be nurtured. Cultural committee provides the students a platform for a new learning that goes beyond the syllabus. Committee wishes to awaken, inspire and stimulate students. It's not only interesting, but also competitive and quite interactive.

Cultural programmes are hosted for two weeks for all students. Various competitions are organized in an atmosphere of fun and camaraderie.

In order to create a space for students to experiment the college conducts various competitions every year. Debate, lecture, essay writing competition, quiz, rangoli, mehendi, pick and speech, monoacting, advertising, collage, drawing, painting etc.

Cultural committee serves to be a medium for discussions and debate. It encourages different forms of Indian music, folk songs, patriotic songs, light music and film songs. College upholds Indian tradition, culture and values by promoting Indian music, folklore, dance and by celebrating various Indian and national festivals.

Every year we seek to create more such platforms to encourage the college community to participate in various cultural activities.

Students are trained by experts to hone their skills and encourage them to participate in various competitions held in different Institutions and organizations. Students have brought laurels to our college.

- **Science Forum**

It believes in 'Education for life, education through life, education throughout life'. The practical and theoretical methods of learning are given equal importance so as to produce a socially aware and well-rounded science graduates.

The science Association organizes many events for the students throughout the academic year. They are Guest lectures, seminars, competitions, quiz and exhibitions.

## **Exhibitions and workshops**

Different experiments in Physics, Chemistry, Botany, Zoology, Computer Science and Electronics related to high school syllabus are demonstrated in the workshop.

Every year National Science Day is celebrated on 28th February and a talk on various Science topics are organized. University level Science lecture competition is organized and winners are given cash prizes.

## **Placement and career counselling cell**

Cell provides training in soft skills, corporate culture, aptitude test, personality development, interpersonal relationships, group discussion, interview skills, interview etiquettes and mock interview. It gives clear direction to plan their career and personal ambitions.

## **Counselling Unit**

The cell is equipped with a professional counselor to deal with students problems and offer solutions to them. The counseling cell guides the students in academic improvement to cope with peer group pressure, societal pressure and personal problems to understand themselves better to face life. Counseling unit helps the students to manage negative motions like anxiety, depression, anger and stress. It also helps them to improve concentration, memory etc.

## **Women Redressal Cell:**

The cell Spreads awareness on a variety of youth issues like sexuality, malnutrition, dieting and many more. It deals with various women related problems and the cell helps to renounce practices derogatory to the dignity of women. Cell also creates awareness about gender discrimination and patriarchy. In the current scenario, violence confronts women at every age, girls are killed before they are born, and there is gender discrimination, child marriage, acid attacks, rape, domestic violence and much more. These are not women issues they are human issues. The cell helps students to be empathetic to the world outside the classroom. A talk on various women related issues are organized every year. Awareness of women rights, social justice and environmental issues are dealt by the cell.

- **Literary and Film Club**

Films are screened on social issues and it is followed by discussion.

- **Financial aid to students:**

The institution provides financial aid to the needy and eligible students. Aid is provided to less fortunate students to meet their educational and nutritional needs by the members of the staff.

- **Assessment of Teachers by Students**

Students objectively evaluate the staff through confidential questionnaires which help teachers to improve. The written suggestions regarding improvements in teaching-learning received from the students through the suggestion box are also incorporated by the staff.

- **Anti ragging Cell**

Management, Principal and Heads of the departments take care of this cell. Ragging is dealt with sternness.

Students being ragged can register their complaint to the cell without disclosing their names and the identity of informants of ragging incidents is fully protected. Effective action is taken by the principal and the members of the cell.

Students are also aware of the National Ragging Help Line-1800-180-5522.

Continual learning process through orientation is the policy our college and the values like compassion, kindness and love to fellow human beings is inculcated in our students by the faculty.

- **Fresher Day**

Students organize fresher day to welcome the new comers.

Students and teachers introduce the various facilities, forum and committees available in the campus. Orientation to students is done by the principal and IQAC members.

- **Send-off party**

Send-off party is dedicated to seniors by juniors which are nostalgic and memorable one. Students give the feedback on faculty and the college.

### Annexure-III

#### Faculty involved in Curriculum Revision/ Development

#### MEMBER OF BOARD OF EXAMINERS AND BOARD OF STUDIES

1	K.B.Shivakumar, Dept of Physics	Member of BOE
2	B.Shashikala Dept of Physics	Member of BOE
3	Y.P Shirur Dept of Chemistry	Chairman, BOE.
4	M.S Thippesh Dept of Chemistry	Member of BOE
5	N. Jagadeesh Dept of Mathematics	Member of BOE / BOS
6	G.C Mallikarjunasway Dept of Zoology	Member of BOE
7	Y.R Somashekaraiah Dept of Zoology	Member of BOE
8	Prakasha Dept of Botany	Member of BOE / BOS
9	B.M.Chidananda swamy Dept of Botany	Member of BOE / BOS
10	Chittaranjan Rai Dept of Electronics	Member of BOE
11	Vinod Phadke, Dept of Electronics	Member of BOE
12.	M.S.Vinay, Dept. of Computer Science.	Member of BOE

## Annexure-IV

### Faculty development programmes

Refresher course and orientation course				
1	H.M Lingaraju Dept of Physics	11.12.2012 – 13.12.2012 (RC)	Material science	A.S College, Mysore
2	G.S Mahalingaiah Dept of Physics	11.12.2012 – 13.12.2012 (RC)	Material science	A.S College, Mysore
3	M.S Thippesh Dept of Chemistry	11.12.2012 – 13.12.2012 (RC)	Material science	A.S College, Mysore
4	Y.R Somashekaraiah Dept of Zoology	30.10.2012- 26-11- 2012(OC)	FDP	Calicut University

## Annexure—V

### Faculty Participation in conference, seminars, workshops and symposia

Sl no	Name of the Faculty	Date	FDP	Topic	College	Paper presented
1	S.B Basava Raddi, Dept of Physics	24 <sup>th</sup> Mar, 2013	National Seminar	Higher Education in 12 <sup>th</sup> Five year plan	SSCASC, Tumkur	
		9 <sup>th</sup> & 10 <sup>th</sup> Dec, 2012	International Conference	Fluoride Toxicity	Kerala University	Sodium Toxicity in ground water
2	A.M Shivanna, Dept of Chemistry	5 <sup>th</sup> to 8 <sup>th</sup> Oct, 2012	International Conference	Advanced Oxidation Process	MG University , Kottayam	Assessment of Eachanur tank water quality through its physico – chemical parameters obtained.
3	H.M Lingaraju, Dept of Physics	3 <sup>rd</sup> & 4 <sup>th</sup> Sept, 2012	Work shop	Frontiers of Science	Vivekananda College , Bangalore	
4	G.S Mahalingaiah, Dept of Physics	3 <sup>rd</sup> & 4 <sup>th</sup> Sept, 2012	Work shop	Frontiers of Science	Vivekananda College , Bangalore	
		20 <sup>th</sup> & 21 <sup>st</sup> Nov, 2012	Work shop	Geo Informatics Basics & Application	KSTA, Bangalore	
5	G.P Somashekarappa, Dept of Chemistry	8 <sup>th</sup> Sept, 2012 to 14 <sup>th</sup> Sept, 2012	Camp	Scout Leadership Camp	Kondajji	
6	N.Jagadeesh, Dept of Mathematics	21 <sup>st</sup> & 22 <sup>nd</sup> Jan, 2013	Work shop	Advances of Graph Theory and its Applications.	SSIT, Tumkur.	



7	Dr.Chittaranjan Rai, Dept of Electronics	27 <sup>th</sup> & 28 <sup>th</sup> Dec, 2012	National Conference	Electron Irradiation Effect.	MIT, Manipal	Physics & applications
8	K.P.Veeranna, Dept of Kannada	24 <sup>th</sup> Mar, 2013	National Seminar	Higher Education in 12 <sup>th</sup> Five year plan	SSCASC, Tumkur	
9	B.C.Vinutha, Dept of English	31 <sup>st</sup> Aug, 2012	National Seminar	Multiplicity of Cultures in South Asian literatures	Tumkur University.	Paper presented on violence with reference to “Lajja”
		7 <sup>th</sup> to 13 <sup>th</sup> Oct, 2012	Workshop	Cultural Studies	Ninasam , Heggodu	
10	T.B Jayanandaiah, Dept of Mathematics	7 <sup>th</sup> to 13 <sup>th</sup> Oct, 2012	Work shop	Cultural Studies.	Ninasam , Heggodu	
11	G.N Umesh, Dept of English	29 <sup>th</sup> Nov, 2012	FDP	Gangothri Kavigosti	Mysore University	
		19 <sup>th</sup> & 20 <sup>th</sup> , Oct 2012	State level Seminar	Ambiguity of the Treatment of Tradition & Modernity	USMRFGC, Shankaraghatta	
		29 <sup>th</sup> Jan, 2012	State level Seminar	New Dimension in Higher Education	TUCTA, Tumkur	

## Annexure-VI

### Research publications

- **Prof. S.B. Basavaraddi**, Dept of Physics :
  - “**Sodium Toxicity in ground water of Tiptur taluk**” Published in Global advance Research Journal.
- **Prof. A.M. Shivanna**, Dept of Chemistry.
  - “**Water Quality Assessment of certain selected tank water of Tiptur Taluk**”, Published in *Nature Environment and Pollution Technology*.
  - “**Influence of seasons on the Physico-chemical water quality parameters of Halkurke tank and Honnavalli (Hirekere) tank water**” Published in *Nature Environment and Pollution Technology*.
- **Prof. K.C.Jagadeeshappa**, Department of chemistry
  - “**Seasonal variation of physico-chemical characteristics of water...**” Published in *Nature Environment and Pollution Technology*.
- **Prof. G.N. Umesh**, Department of English.
  - “**Nature and treatment of innocence in R.K.Narayan’s Novels**” published in *Contemporary research in India*.
- **Prof. Vinod Phadke**, Department of Electronics
  - “**About the day of Pi**” article published in kannada weekly magazine ‘Sudha’ on 09/05/2013.

### Resource persons

- **M.S.Vinay**, HoD of Computer science, delivered a special lecture on “Operating Systems” at Vidyavahini College, Tumkur.
- **B.C. Vinutha**, HoD of English, delivered a special lecture on international women’s day.