



## THE ANNUAL QUALITY ASSURANCE REPORT (AQAR) OF THE IQAC – 2008-09

Name of the Institution : **THE NATIONAL DEGREE COLLEGE  
(Autonomous)  
JAYANAGAR, BANGALORE – 560 070  
NAAC accredited - 'B'**

Year of Report : **2008-09**

### Part A:

#### 1. PLAN OF ACTION:

1. Encouraging the teachers to improve their qualification.
2. Additional combinations and courses for students.
3. Improvement of results.
4. Enhancing infrastructure facilities
5. Computerization.

#### 2. OUTCOME:

1. Increased employability of students.
2. Created a new combination E.M.Cs. for B.Sc. students.
3. Conducted two UGC sponsored seminars in Mathematics and History.
4. Conducted seminars of students in the Departments of History and Psychology.
5. Published a Journal in History – *Viveka Siri* for the year 2008-09 by Department of History.

### Part B:

#### 1. Activities reflecting the goals and objectives of the institution.

- a) Conduct of two UGC sponsored seminars
- b) E.M.Cs. combination for B.Sc. students in progress.
- c) Placement programme has registered commendable progress.



- d) Personal counseling of students by Student Counseling Centre.
- e) Personality Development programmes arranged.
- f) Guest lectures arranged.
- g) NSS, NCC and Sports activities in full swing.
- h) Participation of Lecturers in seminars.
- i) Active participation of Lecturers as members of BOS, BOE, panel of examiners, paper setters etc.
- j) Preference to students hailing from rural areas in admission process.
- k) Enrolment of girls in NSS and NCC.
- l) Encouragement for students to participate in annual Speaking Contests, Quiz programmes and Essay Contests.
- m) Popularization of Basic Sciences.
- n) Providing a platform for cultural activities.

**2. New academic programmes initiated:**

- a) B.A. (JEP) – ongoing – in progress.  
[Journalism, Optional English, Psychology]
- b) B.A. (PSE) – ongoing – in progress  
[Psychology, Sociology, Optional English]
- c) B.Sc. (EMCs) – ongoing – in progress.  
[Electronics, Mathematics, Computer Science]

**3. Innovations in curricular design and transaction:**

- a) The BOS has been constituted in all the departments under the autonomous status of the college.

**1. History Department:**

Chairperson – Dr. B.R. Parineetha;

Subject Experts – Dr. Shadaksharaiah and Dr. Sheikh Mastaan,

University Nominee – Ashwathnarayan

Industry Representative – Dr. K. Eresi and

Student Representative – Kum. Ananthalakshmi



**2. English Department:**

Chairperson – Prof. Girish B Kulkarni;  
Subject Experts – Dr. V.S. Sridhar and Sri. S. Narayanan  
University Nominee – Dr. Geetha Bhaskar  
Industry Representative – G.S. Krishnamurthy  
Alumnus – Mrs. Anitha Rao

**3. Physics Department:**

Chairperson – Prof. H. Pundareeka Bhatta,  
Subject Experts – Prof. H.R. Ramakrishna Rao and Prof. Usha Shekhar  
University Nominee – Dr. B.A. Kagali  
Alumnus – Dr. S. M. Sriraghavan.

**4. Electronics Department**

Chairperson – Mr. S. Cheluvappa  
University Nominee – Dr. Ramani  
Subject Experts – Dr. Jyothi Balakrishnan and Dr. Manjesh  
Industry Representative – Nagabhushana Rao  
Student Representative – Kshama

**5. Kannada Department**

Chairperson – Prof. V. Keshava Murthy  
University Nominee – Dr. Basavaraj Kalgudi  
Subject Experts – Dr. H.S. Raghavendra Rao & M. H. Krishnaiah  
Almnus – Dr. Ravi

**6. Mathematics Department**

Chairperson – Prof. K.S. Ramprasad  
University Nominee – Pradeep G Siddeshwar  
Subject experts – Prof. C.S. Sampangi Ram and Dr. B. Venkatachala, IISc.  
Student Representative – R. Reshma



### 7. Chemistry Department

Chairperson – Prof. M. Ashwathnarayan

University Nominee – Dr. K.R. Nagasundara

Subject experts – Dr. V.T. Vijayalakshmi and Dr. Naveenchandra

Industry Nominee – Dr. B. Nagappa, Asst. Director, Karnataka State Pollution Control Board.

Alumnus – K. Nagashree.

### 8. Hindi Department

Chairperson – Dr. S. Ranganath

University Nominee – Dr. Mithali Bhattacharji

Subject experts – Prof. Govinde Gowda, Dr. Ellasen, Prof B. Jayalakshmi and Dr. Thilagam

### b) Workshops attended in curriculum design.

#### Department of Physics

##### H. Pundareeka Bhatta

- Attended UGC sponsored one day regional seminar on ‘Recent Trends in Physics’ at the National College, Bagepalli, Chikkaballapur District held on 24-10-2008
- Attended Seminar-cum-Workshop on ‘Maxwell’s equations and experiments in Physics’ organized by Bangalore University, First Grade College, Physics Teachers Forum at RBANMS college, Bangalore held on 28-02-2008.

##### Prof. H. Pundareeka Bhatta, Prof. N. Mahesh, Prof. V. Jagadeesh,

##### Smt. Swathi P Jain

- Attended UGC sponsored orientation programme in Mathematics organized by the Department of Mathematics, The National Degree College, Jayanagar, Bangalore – 70 on 23-03-09 and 24-03-09.
- Coordinated Physics Learning Camp for state level participants jointly organized by Karnataka Rajya Vignana Parishat, B.V. Jagadeesh Science Centre and the Department of Physics, The National Degree College, Jayanagar, Bangalore for 3 days on 22, 23 and 24<sup>th</sup> Sept. 2008.



**Prof. R. Anathan**, President, The Physics Society, Chennai conducted classes for B.Sc. students to motivate the students to pursue their higher studies in basic sciences and particularly in Physics.

### **Department of Physics**

#### **Prof. N. Mahesha**

- Participated as Chief Guest for Annual Day Celebration of St. Marks Convent, Gauribidanur.

### **Department of Mathematics**

#### **Prof. H.K. Venkatesh Bhat**

- Served as Chairman, BOE in Mathematics, Bangalore University
- Worked as Deputy Custodian of valuation in the subject of English
- Worked as Resource person for CET coaching at Bijapur, Jamkhandi, Tumkur and Kollegal.
- Participated as Chief Guest in the Annual Day Celebrations of Jaycees School, Sringeri.

### **Department of Psychology**

#### **Prof. K.P. Sandhya**

- KSOU Contact classes – coordinator
- Attended a workshop ‘Cognition’ – Psychology interface at SBM Jain College, Bangalore.
- Attended an International Conference on ‘Building Bridges for Wellness through Counselling and Psychotherapy’ at Sampurna Montford College, Bangalore.
- Attended the RFASPAC Conference organized by RFS India at NIMHANS.
- Attended GREI Tataguni Workshop on ‘Psychology and Yoga’ at GREI Campus, Bangalore.

#### **Prof. D.B. Anand**

- Reviewer, KPSC Examination
- Paper Setter for III BA KSOU



- OB Syllabus framing for PG classes - SBM Jain University
- Co-ordinator for KSOU
- Contact Programme in Psychology
- Attended a National Conference on ‘Family Ship’ at Christ University, Bangalore.

### **Department of Electronics**

#### **Prof. S. Cheluvappa**

- UGC seminar attended at Christ University, Bangalore entitled ‘Micro Controller and Embedded System’
- ISM sponsored ‘Redtime Embedded System’ Seminar at ISM, Rajajinagar, Bangalore

### **Department of Physical Education**

#### **Sri. Hemanth Raju**

- Chairman of the Selection Committee for Bangalore University Volleyball Team.
- Conducted Bangalore University Inter-Collegiate Table Tennis Championship 2008-09 for men and women at College Auditorium.
- College Basket Ball Team won the Dr. Bharadwaj Memorial Inter-Collegiate Tournament held at AES National College, Gowribidanur on 23 & 24<sup>th</sup> Feb. 2009.

### **Department of Economics**

#### **Dr. H.R. Krishna Murthy**

- Attended the National Economic Conference on ‘Global Environmental issues and initiatives’ at B.E.S. College, Bangalore.

### **Department of Chemistry**

#### **Prof. Ashwathnarayanappa**

- Attended the seminar on ‘Recent Trends in Chemistry’ at CTF, Bangalore
- Attended a seminar on ‘Spectroscopy’ organized by CTF / BUCTA, Bangalore University, Bangalore.



### **Department of Sanskrit**

#### **Prof. K.S. Kannan**

- Invented a new method in building a concordance of verbal morphology in Sanskrit.
- Delivered three invited talks at FRLHT (Foundation for Revitalization of Local Health Traditions), Bangalore – (a) Sankhya and Ayurveda (b) Yoga and Ayurveda.
- Presented a paper at National Seminar on Sankhya basis of Ayurveda at Centre for Innovation in Science and Social Activity, Trivandrum.
- Presented a paper at National Workshop on ‘Sanskrit to English translation of Commentaries of the principal works of Ayurveda’ sponsored by Centre Institute of Indian Languages, Mysore.

### **Department of Physics**

#### **Prof. H. Pundareekha Bhatta**

- Attended UGC sponsored one day regional seminar on ‘Recent Trends in Physics’ at National College, Bagepalli.
- Attended UGC sponsored Orientation Programme in Mathematics at National College, Jayanagar, Bangalore.

### **Department of English**

#### **Prof. Girish B. Kulkarni**

- Attended a two-day National Level Symposium on ‘National Frontiers of Literary Research’ at Seshadripuram College in association with Sahitya Academy.
- ‘Meet the Author’ – Mahesh Dattani Programme

### **Department of History**

#### **Dr. B.R. Parineetha**

- Attended a National seminar on ‘Composite Tamil Nadu’ – A study in Cultural Pluralism’ organized by the Department of Indian History, University of Madras and presented the research paper – ‘Cultural Pluralism and Pulsating Karnataka Tourism’.



- Attended National seminar on ‘Prospects and Challenges of Tourism in India with special reference to Karnataka’ organized by MTA Department K.L.E.S. Nijalingappa College, Bangalore and presented the Research Paper titled ‘Cultural Tourism in Karnataka’.
- Organised the UGC sponsored State level seminar on ‘Trends in Historical Writings in Karnataka’ by the Department of History, National Degree College, Jayanagar, Bangalore and presented the research paper ‘Writings in Karnataka Temple Art’.
- Delivered a lecture at Social Science Forum, National College, Basavanagudi, Bangalore on ‘Trends in Modern Indian Historiography’.
- Organised two seminars of students –
  - (i) Varied dimensions of National Movement in India
  - (ii) National and International Tourism
- Organized Quiz Programme, Turn Coat competition and Group Discussion under Smrithi Jnana Siri – History Forum of National Degree College, Jayanagar, Bangalore.
- UGC Sponsored State Level Seminar – organized by Department of History, The National Degree College (Autonomous), Jayanagar, Bangalore Title: Trends in Historical writings in Karnataka.

#### Research Papers presented

| Resource persons        | Papers  |
|-------------------------|---|
| 1. Dr. B.R. Parineetha  | Historical writings on Karnataka Temple Art                         |
| 2. Dr. Sebastian Joseph | Inaugural Address – Trends in Historical Writings in Karnataka      |
| 3. Dr. Sheika Mastaan   | Historical writings on early Medieval and Medieval Karnataka        |
| 4. Dr. Vijayalakshmi    | Trends in the writings on Economic History of Karnataka             |
| 5. Dr. Aswathnarayana   | Mysore in Historical retrospective                                  |
| 6. Dr. Usha             | Historical writings about land, water and urbanization in Karnataka |

#### Department of Kannada





**Prof. V. Keshava Murthy**

- Organized a UGC sponsored seminar on ‘Namma Kaladalli Sahitya Samvahana’

**Department of Mathematics**

**Prof. K.S. Ramprasad**

- Organized an orientation course in Mathematics - Key note address by Prof. Pradeep G Siddeshwar of Bangalore University, Bangalore

| Resource persons                | Papers   |
|---------------------------------|--|
| 1. Dr. Vithal Rao, IISc.        | Continuity and Differentiability               |
| 2. Dr. B.P. Venkatachala, IISc. | History of Mathematics and Inequalities        |
| 3. Dr. C.R. Praneshachar, IISc. | System of Equations & Olympiad Problems        |
| 4. Dr. Pradeep G Siddeshwar     | Fourier Series and Integrals and applications. |

**4. Inter-disciplinary Programmes started:**

NIL

**5. Examination reforms implemented:**

a) College examinations:

- Two Internal Tests
- Assessment of assignments
- Promotional examinations
- Weightage for attendance

b) Board of Examiners:

**Dr. B.R. Parineetha, Dept. of History**

- Worked on BOE of Tumkur University
- Worked as paper setter for Christ College, Bangalore



**Dr. H.R. Krishna Murthy, Dept. of Economics**

- Worked as paper setter for Christ College, Bangalore
- Worked as paper setter for Jyothi Nivas College, Bangalore

**6. Candidates qualified: NET / SLET / GATE etc. :**

NIL

**7. Initiative towards faculty development programme:**

NIL

**8. Total number of seminars / workshops conducted:**

No. of Seminars conducted : 04

| Sl.No. | Title of the Seminar                                      | Organizing Department  |
|--------|---|--|
| 1.     | Historical Writings in Karnataka                          | History Department   |
| 2.     | Namma Kalada Sahitya Samvahanada Swaroopu                 | Kannada Department   |
| 3.     | Physics Learning Workshop for State level participants    | Physics Department in collaboration with Karnataka Vijnana Parishad, Bangalore |
| 4.     | Orientation Programme in Mathematics for college teachers | Mathematics Department   |

**9. Research projects:** a) Newly implemented : NIL

b) Completed : NIL

**10. Patents generated, if any** : NIL

**11. New collaborative research programmes** : NIL

**12. Research grants received from various agencies** : NIL

**13. Details of Research Scholars:**

**M.Phil Degrees:-**

- 1) Prof. K.S. Kannan – Department of Sanskrit
- 2) Prof. H.K. Venkatesh Bhatta – Department of Mathematics
- 3) Prof. Vittal Kulkarni – Department of Mathematics
- 4) Prof. Ashwathnarayanappa M – Department of Chemistry
- 5) Prof. N. Chandra Shetty – Department of Mathematics
- 6) Dr. B.R. Parineetha – Department of History



**Ph.D. Degrees:-**

- 1) Dr. K.P. Sandhya – Department of Psychology
- 2) Dr. B.R. Parineetha – Department of History
- 3) Dr. H.R. Krishna Murthy – Department of Economics
- 4) Dr. Papanna B – Department of Kannada

**14. Citation index of faculty members and impact factor:**

**15. Honours / Awards of the faculty:**

**Dr. B.R. Parineetha – Department of History**

- First Rank and recipient of Bangalore University Gold Medal
- Jawaharlal Nehru Memorial Fund Award as meritorious student
- N.R. Chandran Memorial Award for excellence in writing by CSR New Delhi.
- Ms. Intellectual Award by CSR New Delhi.
- Ms. Super Brain Super Personality Award by CSR New Delhi.
- Outstanding Citizen of the Community Award
- Kalasha Award for vocational excellence
- Rotary Foundation International Award

**Prof. Kannan K.S. – Department of Sanskrit**

- Conferred the title – Vidya Nidhi
- International Merit Award
- Gold Medal for highest marks in Sanskrit in State level examination held by Amarabharathi.

**Prof. H. K Venkatesh Bhatta, Department of Mathematics**

- Awarded Henry Gussen Bier Fellowship (HGF) by Indian Junior Chamber.

**16. Internal resources generated:**

- Renting out of Dr. H.N. Kalakshetra for Cultural Programmes
- Renting out B.V. Jagadeesh Science Centre Auditorium
- Classrooms for examinations on Sunday and Work days (Evening) – CET, COMED K etc.,
- Open Air Auditorium for rehearsals of Dramas throughout the year



- Playground for various institutions other than working days.
- Playground is open for public during morning and evening every day.
- Building provided for Lok Sabha Election for mustering centre.
- Science Centre classrooms were let out for conducting foreign language classes.

**17. Details of departments getting SAP, COSSIT (ASSIST), DST. FIST etc., assistance / recognition.**

NIL

**18. Community Services**

**NSS Activities:**

- a) Every Saturday throughout the year cleanliness programme has been organized.
- b) On Independence Day 'Peace and War' film show was organized for the students.
- c) Visited an orphanage centre
- d) Special NSS camp was held at Chikkanahalli. Many streets and drainages were cleaned.
- e) Yoga, Exercise, March-past, Shramadaan, Lectures, Group Discussions and Cultural Programmes were conducted.
- f) Interaction with village people about rural problems, illiteracy, basic facilities, health and hygiene. Skits to create awareness on AIDS were conducted.
- g) National level workshop held at Shimoga was attended by five students.
- h) Four students participated in National level workshop held at Bijapur.
- i) Trekking programmes to Nandi Hills was organized and students visited Sir M. Vishveshwariah Museum at Muddenahalli (around 60 kms).
- j) Eight students of our college participated in the personality development workshop organized at Ramakrishna Mutt.

**NCC activities:**

- (1) In the Annual Training Camp held at Doddaballapur 50 cadets participated. Students participated in different competitions and secured the championship.
- (2) Students of our college – Ms. Tejaswini, IV Sem B.A. and Mr. Tarun of VI Sem. B.A. participated in the New Delhi Taal Sainik Camp.
- (3) **Cycle Expedition:** About 26 students of our college undertook Bangalore-Belgaum Cycle Adventure tour to create awareness about environmental pollution, Rainwater harvesting, child-labour exploitation, dowry menace and AIDS awareness.



- (4) **Trekking Expedition:** Our college students undertook Adventure Trekking at Savandurg. Many NCC cadets secured 'B' and 'C' certificates.

### **Department of Journalism**

Organized an 'Environmental awareness' programme. Inaugurated by A.S. Yellappa Reddy, Ecology and Environmental expert. Prof. B.V. Venkat Rao, Rajyotsava Awardee and Environmental expert was honored on this occasion. The programme wore a festive look with cultural activities and display of environmental awareness models.

### **Department of Psychology**

#### **Dr. K.P. Sandhya**

- 1) Training school students in Yogasana, Pranayama and Dhyana.
- 2) Counseling school drop-outs and their parents.
- 3) Training people with problems by teaching Body-Mind-Relaxation.
- 4) Invited as Resource person to Summer Classes of Bangalore Science Forum at National College, Basavanagudi, Bangalore and Indian Institute of World Culture.
- 5) Delivered talks in different areas in Psychology, Yoga, Counseling at BNM College, NSVK College, JSS College and in many schools in and around Bangalore.

### **Department of Sociology**

#### **Prof. G. Subramanya**

- Practicing and supporting national integration, socialism, humanism found as a part of democratic sciences.

### **Department of History**

#### **Dr. B.R. Parineetha**

- Lecture at NSS Camp in Personality Development

### **19. Teachers and officers newly recruited:**

1. Ms. Swathi P Jain - Lecturer in Physics
2. Mr. Prathap - Lecturer in Computer Science
3. Ms. Varalakshmi S - Lecturer in English
4. Ms. Neethu Sharma - Lecturer in Journalism
5. Mr. Jayasimha - Lecturer in Journalism
6. Ms. Chandana - Lecturer in Psychology



**20. Teaching – Non-teaching staff ratio:**

|                |                    |
|----------------|--------------------|
| Teaching staff | Non-teaching staff |
| 45             | 36                 |
| Students       | Teachers           |
| 554            | 45                 |

**21. Improvement in the library services:**

- Digital library created
- Internet services provided for staff and students
- Library automation completed and Bar-coding also completed
- LAN facility provided

**22. New books / journals subscribed and their value**

**Details of Book / CD's /DVD for the year 2008-09  
(Management grants)**

| Description             | Amount |
|-------------------------|--------|
| Total Budget amount     | 90,000 |
| Total amount spent      | 72,320 |
| Balance amount          | 17,680 |
| <b>Books</b>            |        |
| No. of books added      | 398    |
| No. of gift books added | 17     |
| Total No. of books      | 415    |
| <b>CD / DVD</b>         |        |
| No. of CD's             | 02     |
| No. of DVD's            | 02     |



**Details of Book / CD's /DVD for the year 2008-09  
(UGC XI Plan grants)**

| Description                    | Amount   |
|--------------------------------|----------|
| Amount allotted during XI plan | 1,35,400 |
| Amount spent on Books /CD/DVD  | 1,38,527 |
| Amount spent on Journals       | 64,479   |
| Total                          | 2,03,006 |
| Books                          |          |
| No. of books added             | 565      |
| No. of CD's                    | 23       |
| No. of DVD's                   | 12       |
| Journals / Periodicals         | 12 / 17  |



**Details of Books / CDs for the year 2008-09 – Subject wise**

| S.No.        | Subject               | Autonomous | Management grants |           |           | U.G.C. grants |           |           | Total No. of CDs/DVDs added from 2008 to Apr.2009 |           |           |
|--------------|-----------------------|------------|-------------------|-----------|-----------|---------------|-----------|-----------|---|-----------|-----------|
|              |                       |            | Books             | CD        | DVD       | Books         | CD        | DVD       | Books   | CD        | DVD       |
| 1.           | Kannada               | -          | 59                | -         | -         | 110           | -         | -         | 169   | -         | -         |
| 2.           | English               | -          | 26                | -         | -         | 24            | -         | -         | 50  | -         | -         |
| 3.           | Sanskrit              | -          | 01                | -         | -         | 08            | -         | -         | 09  | -         | -         |
| 4.           | Hindi                 | -          | -                 | -         | -         | 31            | -         | -         | 31  | -         | -         |
| 5.           | Physics               | -          | 36                | -         | -         | 31            | -         | -         | 67  | -         | -         |
| 6.           | Chemistry             | -          | 05                | -         | -         | 11            | -         | -         | 16  | -         | -         |
| 7.           | Mathematics           | -          | -                 | -         | -         | 110           | -         | -         | 110   | -         | -         |
| 8.           | Computer Sci.         | -          | 54                | 02        | -         | 58            | 01        | -         | 112   | 03        | -         |
| 9.           | Electronics           | -          | 21                | -         | -         | 33            | -         | -         | 54  | -         | -         |
| 10.          | Indian Constitution   | -          | 05                | -         | -         | 07            | -         | -         | 12  | -         | -         |
| 11.          | History               | -          | 26                | -         | -         | 22            | -         | -         | 48  | -         | -         |
| 12.          | Economics             | -          | 54                | -         | -         | 31            | -         | -         | 85  | -         | -         |
| 13.          | Sociology             | -          | 63                | -         | -         | 16            | -         | -         | 79  | -         | -         |
| 14.          | Psychology            | -          | 18                | -         | -         | 18            | -         | -         | 36  | -         | -         |
| 15.          | Journalism            | -          | -                 | -         | -         | 30            | -         | -         | 30  | -         | -         |
| 16.          | General               | -          | 07                | -         | 02        | 25            | 22        | 12        | 32  | 22        | 14        |
| 17.          | BCA                   | -          | 09                | -         | -         | -             | -         | -         | 09  | -         | -         |
| 18.          | Environmental Science | -          | 14                | -         | -         | -             | -         | -         | 14  | -         | -         |
| 19.          | Gift books            | -          | 17                | -         | -         | -             | -         | -         | 17  | -         | -         |
| 20.          | SC/ST                 | -          | -                 | -         | -         | -             | -         | -         | -   | -         | -         |
| <b>Total</b> |                       | -          | <b>415</b>        | <b>02</b> | <b>02</b> | <b>565</b>    | <b>23</b> | <b>12</b> | <b>980</b>  | <b>25</b> | <b>14</b> |

**23. Courses in which student assessment of teachers is introduced and the action taken on student feedback:**





Feedback was collected from all the students about the teachers in all the departments. Principal advised the concerned teachers to improve their teaching methods.

**24. Unit cost education:**

|                            |               |   |                     |
|----------------------------|---------------|---|---------------------|
| With salary component :    | Aided staff   | - | 30,00,000 per annum |
| Without salary component : | Unaided staff | - | 40,00,000 per annum |

**25. Computerization of administration and the process of admissions and examination results, issue of certificates:**

- 1) Administration : completed
- 2) Process of admission : partial
- 3) Examination results : fully computerized
- 4) Issue of certificates / marks cards : completed

**26. Increase in the infrastructural facilities:**

- 1) Renovation of Labs. – Physics, Chemistry, Electronics, Computer Science and Psychology.
- 2) White board and Markers in all the theory and practical class rooms
- 3) Ceramic boards (white & green) in all the class rooms.
- 4) Laptops and projectors and LCD of 48 inches
- 5) First machine in India – Konica Minolta Bizhub 652
- 6) Digital camera – Sony DSC H50 – Cyber shot – 9.1 Mega Pixel 15X zoom.
- 7) New furniture purchased

**27. Technology up gradation:**

- 1) Digital Library
- 2) LAN facility in Library.

**List of new lab. equipments**



| Sl.No. | Name of the Equipment   | Quantity |
|--------|---|----------|
| 1.     | Fiber Optic Trainer Kits  | 02       |
| 2.     | 8085 Microprocessor Trainer Kits                                  | 02       |
| 3.     | 8051 Microprocessor Trainer Kits                                  | 06       |
| 4.     | Interfacing Kits for 8085 microprocessor and 8051 microcontroller |          |
|        | a) Seven segment display I/F Kits                                 | 03       |
|        | b) DAC interfacing Kits   | 07       |
|        | c) Stepper motor I/F Kits   | 05       |
|        | d) Keyboard / Display I/F Kits                                    | 02       |
|        | e) Keyboard Display I/F Kits                                      | 02       |

**28. Computer and internet access and training to teachers and students:**

- 1) As part of the curriculum all the students are provided computer training.
- 2) Hardware workshop for BCA students / B.Sc. students
- 3) English Communication workshop for BCA students
- 4) Software website training skills.

**29. Financial aid to students:**

**List of students who have received financial aid from the college**

| Sl.No. | Name of the student | Class        | Amount  |
|--------|---------------------|--------------|---------|
| 1.     | Mahesh              | I Sem. B.A.  | 1000.00 |
| 2.     | Pradeep P           | I Sem. B.A.  | 1500.00 |
| 3.     | Siddesh             | I Sem. B.A.  | 2000.00 |
| 4.     | Pradeep V           | I Sem. B.A.  | 1500.00 |
| 5.     | Ramakrishnappa      | I Sem. B.A.  | 1500.00 |
| 6.     | Soumya N            | I Sem. B.Sc. | 2000.00 |
| 7.     | Mohan Kumar R       | II Sem. B.A. | 1000.00 |
| 8.     | Netravathi T        | I Sem. B.Sc. | 2000.00 |
| 9.     | Manjunath B         | I Sem. B.A.  | 1000.00 |
| 10.    | Nayana M            | I Sem. B.A.  | 3000.00 |



|       |                   |              |          |
|-------|-------------------|--------------|----------|
| 11.   | Babitha N         | III Sem. BCA | 3000.00  |
| 12.   | Pushpa P          |              | 4500.00  |
| 13.   | Swathi G.P.       |              | 1000.00  |
| 14.   | Arsheen Taj       | I Sem. B.A.  | 3000.00  |
| 15.   | Swathi G.P.       | III Sem BCA  | 1000.00  |
| 16.   | Swetha V          | III Sem BCA  | 2000.00  |
| 17.   | Tousif Ahmed      |              | 1800.00  |
| 18.   | Shobha D          |              | 1500.00  |
| 19.   | Akshatha          |              | 1000.00  |
| 20.   | C.G. Ramu         |              | 2500.00  |
| 21.   | Thejaswini        |              | 2000.00  |
| 22.   | Shivashankar A G  |              | 1000.00  |
| 23.   | Nethravathi       |              | 2000.00  |
| 24.   | Arunkumar         |              | 1000.00  |
| 25.   | Nagendra T        |              | 1000.00  |
| 26.   | Bhavana S N       |              | 2000.00  |
| 27.   | Chandrashekara KV |              | 2500.00  |
| 28.   | Shivashankar      |              | 400.00   |
| 29.   | Naveen V S        |              | 500.00   |
| Total |                   |              | 50200.00 |

**30. Activities and support from the Alumni Association:**

**31. Activities and support from the Parent Teacher Association:**

No formal PTA exists but the parents are asked to meet the teachers whenever their wards have attendance shortage or because of poor academic performance in tests / exams or whenever the parents desire.

**32. Health services:**

Proposal to prepare Health Card for students and also teachers and non-teaching staff.

**33. Performance in sports activities:**

- 1) Every year annual university level sports meet are held.



- 2) Bangalore University Inter-Collegiate Table-Tennis Championship was held
- 3) Every year Annual Athletic meet is held for students. It was inaugurated by Dr. Sundararaj Urs, Principal, Physical Education College.
- 4) Bangalore University Men & Women's Baseball Tournaments and Yogasana competition held in our college.
- 5) Students of our college participated in Junior Cricket and State level Dasara Athletic Meet.

#### **Special sports camps**

Every year during holiday cricket, basketball and badminton summer camps are held. 200 sports persons gained training.

#### **34. Incentives to outstanding sports persons:**

- 1) Felicitations on college day
- 2) Distribution of sports kits
- 3) Attendance concession
- 4) Pocket allowance of Rs. 1000/- to a student who represents college at state and university tournaments.

#### **35. Student achievements and awards:**

- 1) Aswhin Gowda of VI Sem. B.A. secured three gold medals by excelling in Bangalore University Examination and also secured First Rank.
- 2) Sira Manasa & Varna of VI Sem. BCA secured 4<sup>th</sup> and 6<sup>th</sup> Ranks respectively in the Bangalore University Examination.
- 3) Vinutha of V Sem. B.Sc. secured 723 marks out of 750 and it is a commendable achievement.

#### **36. Activities of the Guidance and Counselling unit:**

Prof. Dr. K.P. Sandhya as the Coordinator of the Grievances cell is counseling individual students to enhance their performance and also providing counseling in tackling problems relating to learning and other disabilities.

#### **37. Placement services provided to students:**

| Sl.No. | Company Name     | No. of Recruitments |
|--------|------------------|---------------------|
| 1.     | Satyam Computers | 5                   |
| 2.     | WIPRO            | 3                   |



|    |        |   |
|----|--------|---|
| 3. | HCL    | 3 |
| 4. | Igate  | 2 |
| 5. | Google | 1 |

Many Soft skill development programmes are also held in the college campus for overall personality development of the students. Many free aptitude tests are also conducted regularly to prepare the students for placement.

### **38. Development programmes for non-teaching staff:**

A programme to train non-teaching staff in software skills was conducted. Periodic guidance is provided to them regarding computerization.

### **39. Healthy practices of the institution**

1. College prayer is held regularly since the establishment of the college and the motto of the college is “Shraddahi Paramagathihi”.
2. National festivals such as Independence Day, Republic Day and Gandhi Jayanthi are celebrated every year with eminent personalities as Chief Guests.
3. N.S.S. students have conducted shramadaan, charity for orphanages and cleanliness drive on the occasion of Gandhi Jayanthi.
4. Inauguration day is organized to conduct the induction programme for undergraduate freshers.
5. Kannada department has organized ‘Welcoming students of Optional Kannada’ programme.
6. Send off programme is organized for outgoing students every year.
7. T.V. programme by staff : Prof. K.S. Kannan, Dept. of Sanskrit
8. Planning to organize the first Convocation of the Autonomous college being the high light of 2008-09.
9. Inter-collegiate Dr. H.S. Murthy Music Competition has been organized attracting wide response and being one of the most popular programmes.
10. Inter-section drama competitions have been organized and a platform has been created for the students to explore their inherent talent.



11. Inter-section music competitions have been organized in Bhavageethe, Janapadageethe and Desha Bhakthigeethe categories.
12. B.V. Jagadeesh Science Centre of our college is organizing Guest Lectures every fortnight in science related subjects by eminent scientists and emeritus professors.

### **Innovative Practices**

Programmes conducted under B.V. Jagadeesh Science Centre of National College, Jayanagar, Bangalore.

- Electronics Hobby Course conducted by Prof. S. Cheluvappa, H.O.D. of Electronics for Pre-University students for ten days in which 35 participants took active part. It was an effort to create interest in students about scope of Electronics conducted in May 2008.
- Intensive Quality Improvement Workshop Programme for Teachers of Higher Primary School was organized for two days. There were about 8 Resource Persons sharing their knowledge and a special talk by Sameera Simha on “Science Teaching and Scientific Method” evoked interest in the audiences.
- The ‘Vignana Prerana Shibira’ –Winter Workshop for Quality Science Learning for Higher Primary School children was organized in October 2008. It was a three days programme attended by 104 participants including teachers and students. This programme was conducted in collaboration with Vishveshwaraiah Industrial and Technological Museum, Environmental Awareness Centre for Ecology and Environment and Karnataka Sericulture Department.
- A visit to ‘Krishi Mela’ at GKVK was organized for PU Students in which 5 colleges and 55 students participated.
- In February 2009 ‘National Science Day’ celebrations was organized. A science model making workshop in Physics was conducted. About 37 students and teachers were participated in it.
- ‘Science Drama Workshop’ was organized for teachers and students in which there were 45 participants of ten schools.



- Science Drama Competition was organized in which 9 schools, 14 teachers and 72 students participate in February 2009.
- ‘Environmental awareness through games and drawings’ for Higher Primary schools was organized in which about 53 participants were participated.
- As part of ‘National Science Day’ a talk on ‘Sir C.V. Raman and Science Learning’ was delivered by Dr. M.S.S. Murthy.
- Science experiments – demonstration and interaction programme in Physics was conducted by D.P. Baluragi, Dharwad. About 46 candidates participate in it on 17-07-09.
- A demonstration and power point presentation on ‘Application of Solar Cells in products for common masses’ was organized. Nearly 70 teachers and students participated in int. this programme was conducted in October 2008.
- A symposium on ‘Gender sensitization through scientific temper’ was organized in March 2009. Three Eminent Scientists and Professors presented their papers. Nearly 130 Degree students of our college participated in it with enthusiasm.
- In March 2009 a ‘Sky watching’ programme was organised in which about 85 people took part.

**List of Programmes conducted during the period 01-04-2008 to 31-03-2009**

| Date     | Speaker   | Topic                                     |
|----------|---|---|
| 11.04.08 | Sri. C.R. Seethu Rao<br>Author of “Century Calendar”, teaching aid in Mathematics | Utilities of “Century Calendar’ 1901-2001 |



|          |  |  |
|----------|--|--|
| 25.04.08 | Dr. M. Seenappa<br>Former Programme Co-ordinator, UNICEF   | Why to vaccinate your child?                     |
| 13.06.08 | Dr. M.K. Sridhar<br>Prof. of Sanskrit, The National College,<br>Basavanagudi, Bangalore                          | Animal Science in ancient<br>India.              |
| 27.06.08 | Prof. P. Prabhavathi<br>Dept. of Electronics & Telecommunication,<br>BNM Instituted of Technology, Bangalore     | Cryptography – Security to<br>Internet.          |
| 11.07.08 | Dr. R. Jayaram<br>Organizing Secretary, Organisation of Rabies<br>Awareness, Bangalore.                          | “Louis Pasteur – Rabies”                         |
| 08.08.08 | Dr. N.S. Leela<br>Retd. Prof., MES College & Consultant,<br>Agasthya International Foundation, Kuppam            | “Biodiversity”                                   |
| 22.08.08 | Retd. Wg. Ed. Parthasarthy   | Trends in Modern<br>Communication.               |
| 19.09.08 | 1. Dr. Roopa Bose, M.Sc., Ph.D.<br>2. Mrs. Sikta Patnayak, M.Sc., M. Tech.<br>Atomic Energy Department Bangalore | Peaceful applications of<br>Atomic Energy.       |
| 10.10.08 | Dr. Sanjay S Supe<br>Associate Prof. of Kidwai Memorial Hospital,<br>Bangalore                                   | Mobil phones and health<br>effects.              |
| 28.11.08 | Dr. M. Vasundhara, M.Sc., Ph.D,<br>Gandhi Krishi Vignan Kendra, Hebbal   | Utilization of Medicinal and<br>Aromatic plants. |
| 26.12.08 | Dr. Y.C. Kamala, M.Sc., Ph.D.<br>Prof. of Physics, The National College,<br>Basavanagudi, Bangalore              | Evolution of Physics<br>Education in India.      |

13. Bangalore Lalitha Kala Parishad of our college has been organizing Music Fests during which eminent musicians such as R.K. Padmanabhan, M.S. Sheela and others have given concerts. The Bangalore Lalitha Kala Parishad has been rendering excellent service in promoting diverse forms of fine arts and culture. Under the auspices of the BLKP in the well equipped Dr. H.N. Kalakshetra programmes on





music, drama, dance and other fine arts have been nurtured on all first and third Fridays of each month.

**40. Linkages developed with National / International, academic / Research bodies:**

NIL

**41. Any other relevant information the institution wishes to add:**

**RESULTS OF SEMESTER EXAMINATIONS FOR THE YEAR 2009**

| <b>VI SEMESTER – MAY 2009 EXAMINATION</b> |             |         |          |           |                    |
|---|-------------|---------|----------|-----------|--------------------|
| COURSE                                    | DISTINCTION | I-CLASS | II-CLASS | III-CLASS | PERCENTAGE OF PASS |
| B.A.                                      | 17          | 18      | 18       | 08        | 89%                |
| B.Sc.                                     | 21          | 16      | 03       | -         | 75%                |
| B.C.A.                                    | 14          | 30      | 01       | -         | 92%                |

| <b>IV SEMESTER – MAY 2009 EXAMINATION</b> |             |         |          |           |                    |
|---|-------------|---------|----------|-----------|--------------------|
| COURSE                                    | DISTINCTION | I-CLASS | II-CLASS | III-CLASS | PERCENTAGE OF PASS |
| B.A.                                      | 11          | 12      | 17       | 05        | 75%                |
| B.Sc.                                     | 07          | 20      | 07       | 02        | 64%                |
| B.C.A.                                    | 16          | 21      | 4        | 01        | 90%                |

| <b>II SEMESTER – MAY 2009 EXAMINATION</b> |             |         |          |           |                    |
|---|-------------|---------|----------|-----------|--------------------|
| COURSE                                    | DISTINCTION | I-CLASS | II-CLASS | III-CLASS | PERCENTAGE OF PASS |
| B.A.                                      | 04          | 05      | 13       | 01        | 45%                |
| B.Sc.                                     | 01          | 18      | 18       | -         | 60%                |
| B.C.A.                                    | 07          | 22      | 01       | -         | 62%                |

**Part-C: Detail the plans of the institution for the next year:**

1. State Level Seminar
2. Upgradation of Lab. Facilities
3. Planning to tie up with Karnataka Rajya Vignan Parishad to conduct science related programmes



*Name & Signature of the Coordinator, IQAC*

*Name & Signature of the Chairperson, IQAC*