



## THE ANNUAL QUALITY ASSURANCE REPORT (AQAR) OF THE IQAC – 2004-05

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

Year of Report : **2004-05**

### Part A:

#### 1. PLAN OF ACTION:

1. Encouraging the teachers to improve their qualification.
2. Improvement of results.
3. Enhancing infrastructure facilities

#### 2. OUTCOME:

1. Increased employability of students.
2. Organizing lectures and quiz contests
3. Organizing Seminars

### Part B:

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

- a) History Quiz
- b) Lectures through Smriti Jnana Siri, History Forum
- c) Personal counseling of students by Student Counseling Centre.
- d) Personality Development programmes arranged.
- e) Guest lectures arranged.
- f) NSS, NCC and Sports activities in full swing.
- g) Participation of Lecturers in seminars.



- h) Active participation of Lecturers as members of BOS, BOE, panel of examiners, paper setters etc.
- i) Preference to students hailing from rural areas in admission process.
- j) Enrolment of girls in NSS and NCC.
- k) Encouragement for students to participate in annual Speaking Contests, Quiz programmes and Essay Contests.
- l) Popularization of Basic Sciences.
- m) Providing a platform for cultural activities.

**2. New academic programmes initiated: NIL**

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

Teachers of our college have served on the Board of Studies of Bangalore University in almost all the subjects.

**Prof. H.B. Shantaram – Department of Physics**

- Served as Resource person for the special workshop arranged by Karnataka Public Service Commission.

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

- Presented a paper on Vidulopakhya in Mahabharatha in the seminar on women in Sanskrit Literature organized by Kuvempu University.
- Delivered 5 lectures on the work of Kalidasa at Gokhale Institute of Public Affairs.
- Lecture on Vyasa at Veda Vignana Gurukula
- Lecture on 'Kavya and Nritya' in the seminar organized by Heritage
- Lecture on 'Tapas' – an analysis at Ramakrishna Vidyarthi Mandiram, Bangalore
- Paper presented at seminar on 'Ethics and Basic Smrithis' organized by PH/SPC under HRD Ministry, New Delhi.

**Prof. Satish Karanth. M – Department of Sanskrit**

- Awarded Ph.D. Degree from Bangalore University in Sanskrit

**Prof. Subramanya. G – Department of Sociology**

- Resource person in Refresher Course conducted by Baldwin PU College, Bangalore.



**Dr. H.S. Raghavendra Rao – Department of Kannada**

Participated and presented papers in the following seminars:-

- Kannada Department, Bombay University
- Kannada Sangha, Mumbai
- Lalbahadur Shastri College, Bangalore
- Lohia Publishers, Bellary

**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. Krishnamurthy, 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



<b>8. Total number of seminars / workshops conducted:</b>		NIL
<b>9. Research projects:</b>	<b>a) Newly implemented</b>	: NIL
	<b>b) Completed</b>	: NIL
<b>10. Patents generated, if any</b>		: NIL
<b>11. New collaborative research programmes</b>		: NIL
<b>12. Research grants received from various agencies</b>		: 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

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

**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:**

- Inauguration on 29-07-2004 by Smt. Geetha Ramanujam and Prof. N. Ramesh.
- Celebrated Gandhi Jayanthi on 02-10-2004
- Blood Donation Camp was organized on 7<sup>th</sup> Sept.2004 and about 92 units of Blood was collected from the students and it was donated to Indian Red Cross Society.
- NSS Special Camp was conducted between 03-01-2005 to 12-01-2005 at Karenahalli Village, Bangalore Rural. Nearly 45 students participated in it.
- Organized the lectures by eminent persons such as Dr. Shanmughananda, Dr. Ramesh, Dr. B.S. Srikanta, Dr. Suresh S.R., Dr. Nagaraj Sharma, Dr. Govindarajulu etc.



**NCC activities:**

- Totally 160 cadets enrolled themselves in NCC of which 106 were Boy Cadets and 54 Girl Cadets.
- Every Saturday NCC Parade was organized for all the cadets for four hours.
- College team secured ‘Sampoorna Champ’ award in the Special Camp.
- 4 cadets had gone to help the victims of Sunami at Tamil Nadu.

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

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

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

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

- Enhancing number of books
- Subscribing for Journals
- Purchasing of new Racks for display of books

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

**Details of Book / CD's /DVD for the year 2004-05 (Management grants)**

Description	Amount
Total Budget amount	1,50,000
Total amount spent	1,52,205
Books	
No. of books added	1122
No. of gift books added	72
Total No. of books	1194

**Details of Book / CD's /DVD for the year 2004-05 (UGC XI Plan grants)**

Description	Amount
Amount allotted during X plan	1,34,500
Amount spent on Books /CD/DVD	1,32,695
No. of Books Added	603



**Details of Books / CDs for the year 2004-05 Subject wise**

S.No.	Subject	No. of Books
1.	Kannada	156
2.	English	52
3.	Sanskrit	56
4.	Hindi	64
5.	Physics	109
6.	Chemistry	98
7.	Mathematics	114
8.	Biology	49
9.	Computer Sci.	67
10.	Electronics	55
11.	Psychology	35
12.	Economics	64
13.	Economics	40
14.	Sociology	79
15.	Logic	09
16.	BCA	63
17.	General	12
18.	Gift Books	72
<b>Total</b>		<b>1194</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 : partial
- 2) Process of admission : partial

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

- Renovation of Labs. – Physics, Chemistry, Electronics, Computer Science and Psychology.
- Laptops and projectors
- New furniture purchased

**27. Technology up gradation:**

- Enhancing number of computers
- Increasing number of lab equipment

Sl.No.	Name of the Equipment	Quantity
<b>Department of Physics</b>		
1.	Searle's Double bar	4 sets
2.	Dynamic Method	4 Nos.
3.	Multipurpose stand	7 Nos.
4.	Meld's Coil	7 Nos.
5.	Slide Calipers	24 Nos.
6.	Function generators	2 Nos.
7.	Monitor and Printer	1 No.
8.	UPS	4 Nos.
9.	Torsional Pendulum	4 Nos.
10.	Rigid Pendulum	4 Nos.
11.	Linear momentum	4 Nos.
12.	Conservation of energy expt.	4 Nos.
13.	Spring constant apparatus	4 Nos.
14.	Photoelectric cell unit	1 No.
15.	Digital stop clock	12 Nos.
16.	Digital wide band voltmeter	12 Nos.





17.	Digital wide band ammeter	6 Nos.
18.	Coupled oscillators	4 Nos.
19.	Turning forks	48 Nos.
20.	Sonometer	4 Nos.
21.	Power booster	4 Nos.
<b><u>Department of Chemistry</u></b>		
1.	Overhead Projector	1 No.
2.	Computer Table	1 No.
<b><u>Department of Electronics</u></b>		
1.	Personal Computer with Printer	1 No.
2.	CRO	1 No.
3.	Function Generator (Electronics Dept.)	2 Nos.
<b><u>Department of Computer Science</u></b>		
1.	Intel Pentium PC @ 2.8Ghz	1 No.
2.	Intel Pentium PC @ 2.4 Ghz	8 Nos.

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

Efforts have been made to train Office Staff in the use of computers

**29. Financial aid to students:**

A number of students have been provided financial aid every year.

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

An Annual Meeting is organized for interaction of alumni and garnering development of the college.

**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:**

Efforts have been made to provide health services to students.



### 33. Performance in sports activities:

- Students participated in the University and State level sports activities
  - 1) Darshan – State and University Level
  - 2) Vinaykumar – Softball
  - 3) Kavya – Baseball
  - 4) Bipin Chandra – Swimming State level
  - 5) Amruth R Kumar – Swimming State level
  - 6) Nandish G M – Badminton
  - 7) Vinod Kumar – Volleyball
- College Annual Athletic Meet was organized

### 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:

#### Ranks

- V. Krithika – 4<sup>th</sup> Rank – B.A. – Bangalore University
- N. Priyadarshini – 7<sup>th</sup> Rank- B.A. – Bangalore University
- S. Anusha – 15<sup>th</sup> Rank – B.A. – Bangalore University
- Ravikumar – 17<sup>th</sup> Rank – B.A. – Bangalore University.

#### Dr. H.S. Murthy Inter Collegiate Music Contest

- Degree students won the Runner Cup

#### St. Joseph's Degree College

- **Quiz – I prize**  
Amit A – III B.A.  
Dilip T.R. – III B.A.
- **Chemistry Dumb charades - I prize**  
Bhavya .G., II B.Sc.  
Mahalakshmi – II B.Sc. -



Bhagya R, II B.Sc.

- **Science Quiz**

Lakshmi S – II B.Sc.

Nishant – II B.Sc.

- **Bangalore University Inter-Collegiate Competition**

Tamil Selvi – II B.A. – Rangoli Competition – I prize

Santhosh Kumar S – II B.A. – Painting Competition – I prize

Rashmi S – I B.Sc. – Debate Contest – III prize

- Bangalore Science Forum Speaking Contest

Lakshmi S – Physics – II B.Sc. ‘A’ Grade

- Inter collegiate Bharat Yatra Kendra Competition - Karnataka Natak Academy

1) Kuvempu Geetageyana – II Prize

2) Bhavageethe – II prize

3) Instrumental Music Competition – II place

4) Best actor award to Raghu R in the play ‘Neer Nataka’

### **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:**

Many reputed IT Companies conducted Campus Interviews-

1. Bangalore Kong Niger Technology Solutions

2. Vishwas Info Systems

3. Proton Network Pvt. Ltd.

4. Integer Software Solutions

5. American Power Corporation.

Many Final year BCA, B.Sc. and B.A. students are selected for placement.

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

Efforts have been made to non-teaching staff in the use of computers.



### 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. Inter-collegiate Dr. H.S. Murthy Music Competition has been organized attracting wide response and being one of the most popular programmes.
8. Inter-section drama competitions have been organized and a platform has been created for the students to explore their inherent talent.
9. Inter-section music competitions have been organized in Bhavageethe, Janapadageethe and Desha Bhakthigeethe categories.
10. 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.

#### List of Programmes conducted during the period 2004-05

Date	Speaker	Topic
24-01-04	Dr. Kumsi Sreedhar Consultant Surgeon, Jayadeva	Cardiac Health Care in modern



	Institute of Cardiology	days.
05-02-04	Dr. H.N. Mahabala, Prof. of I.I.T	Innovators in the field of Computer Science
14-05-04	Dr. B.K. Sadashiva, Scientist, Raman Research Institute	Liquid Crystals in everyday life
28-02-04	Sri. P.G. Diwakar, Head Regional Remote Sensing Service Centre, Bangalore	Application of Satellite Remote Sensing
13-03-04	Dr. Medha Joshi, Professor and Head, MSR Medical College	Poisons: Facts & Myths
27-03-04	Dr. D.V. Rajakumar, Neuro Surgeon, St. Philominas Hospital	Neuro Surgery in the 21 <sup>st</sup> Century
10-04-04	Dr. N.K. Singh, Vice President, e-health solutions	Tele Vital e-Health Engine
24-04-04	Sri S. Sridhar, Inst. of Natural Resources	Audio Visual Presentation on the Birds of Karnataka
08-05-04	Prof. H.R. Ramakrishna Rao, Retd. Prof. of Physics	The transit of Venus
22-05-04	Dr. Srihari, Consultant Psychiatrist	Depression
12-06-04	Dr. G. Nagendrappa, Dept. of Chemistry, B.U.	Unexpected results in Chemistry
26-06-04	Dr. T.R. Raghunatha Rao, ICMR, Bangalore	Dengue Fever
10-07-04	Dr. Fareeduddin, Geological Survey of India	Diamondiferous rocks with special reference to India
24-07-04	Dr. G. Ramachandran, Indian Inst. of Astro Physics	Novel concepts in 20 <sup>th</sup> century Physics
14-08-04	Sri Sanjay Gubbi, Centre for Wild Life Studies	Tiger Conservation in Karnataka
28-08-04	Dr. M. Srihari, Consultant Psychiatrist	Substance Abuse
11-09-04	Sri. Darwin Shiva, Animal Behaviour Researcher	Survival of the Smartest.
25-09-04	Film Show on Science Subjects	
09-10-04	Dr. Prathibha Vinay, Founder President, TULSI	Role of Medicinal Plants in Primary Health Care and Home Remedies.
30-10-04	Dr. V.N. Nayak, Reader, Dept. of Marine Biology, Karnataka University	Role of Common man in Environment Management
20-11-04	Dr. B.C. Srinivas, Asst. Prof. of Cardiology, Sri Jayadeva Inst. of Cardiology, Bangalore	Prevention of heart attack – myth or reality?
27-11-04	Dr. Radha D Kale, GKVK, Bangalore	Importance of earthworms in development of present day science
11-12-04	Dr. B.R. Nagaraj, TLFR, Bangalore	Mathematics in Scientific and Public Life
18-12-04	Sri. S. Chandrashekar, Trainer and Analyst	The impact of energy efficiency improvement on the environment.

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.

**Bangalore Lalitha Kala Parishath  
Programme List**

Sl.No.	Date	Programme	Eminent Artists
1.	05-11-2004	Music	Smt. Nalina Mohan
2.	19-11-2004	Classical Music	Smt. Maanasi Prasad
3.	03-12-2004	Veena recital	Sri. Rajnarayan
4.	13-12-2004	Carnatic Classical	Vidwan Sri. Karthik Hebbar
5.	07-01-2005	Music – Violin	Sri. Govinda Swamy
6.	21-01-2005	Music	Sri. Omkarnath Havalldhar
7.	18-02-2005	Orchestra	Smt. Manjula Suresh
8.	04-03-2005	Carnatic Classical	Sri. Vinay Shetty
9.	18-03-2005	Classical	Kasaravalli Sisters
10	02-04-2005	Bharathanatyam	Smt. Ranjani Nagaraj
11	15-04-2005	Classical music	Smt. Archana Chennur
12	06-05-2005	Drama –	‘Seethapaharana’
13	20-05-2005	Carnatic Classical	Smt. Sukanya Prabhakar

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

NIL



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

**RESULTS OF EXAMINATIONS FOR THE YEAR 2004-05**

COURSE	No. appeared	I-Class	II-Class	Pass	Total	Perc.
BSC-III yr.	79	31	21	05	67	72.15%
B.A. – III yr.	41	34			34	82.93%
BCA – VI Sem	114	31	42	23	96	84.21

**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*