



THE ANNUAL QUALITY ASSURANCE REPORT (AQAR) OF THE IQAC – 2005-06

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

Year of Report : **2005-06**

Part A:

1. PLAN OF ACTION:

1. Encouraging the teachers to improve their qualification.
2. Encouraging teachers to avail faculty improvement programme.
3. Improving the results.

2. OUTCOME:

1. Increased employability of students.
2. Conducted seminars of students in the Departments of History, Computer Science and Psychology.

Part B:

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

- a) Conducting General Education Programme.
- b) Placement programme has registered commendable progress.
- 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:

- a) B.A. (JEP) – ongoing – in progress.
[Journalism, Optional English, Psychology]
- b) B.A. (PSE) – ongoing – in progress
[Psychology, Sociology, Optional English]

3. Innovations in curricular design and transaction:

Teachers of most of the Departments have served on the Board of Studies of Bangalore University.

Department of Chemistry

- Though the TAU (Think, Apply, Use) Forum of the Department of Chemistry, a lecture on ‘Application of Chemistry in Industrial Sector’ by Dr. Ravindranath, C.E.O., Bharavi Laboratory, Bangalore was organized.
- Lecture on ‘Use of Chemistry in Pharmaceutical Industries’ by Sri Dilip, CEO, Bangalore Pharmaceutical Laboratory was organized.

Department of Economics

‘Planning form’, a forum of Economics Department organized the following activities:-

- Lecture on ‘Globalisation Audits – Impact on the Indian Economy’ by Dr. Bislaiah, Former Vice-Chancellor, Agriculture University.
- Lecture on ‘Experimental Economics’ by Dr. A.H. Rama Rao, President, N.E.S. of Karnataka, Bangalore.
- Conducted Quiz programme for students.



- Lectures on ‘Career Opportunities and Competitive Examinations’ by S.P. Patil, Co-Founder, ‘Spardhe Charitre’
- Lecture on ‘Distance Education and Career Prospects’ by S.D. Naik, Deputy Regional Director, IGNOU.

Department of History

- Lecture on ‘Indian Culture and Heritage’ by Dr. Suryanath Kamath
- Slide Show on ‘Hampi Monuments’ by Prof. Puttaraju of BMS College, Bangalore

Workshops attended in curriculum design

The following teachers have served on the Board of Studies and Board of Examiners on different Universities / Autonomous Colleges

- 1) H.K. Venkatesha Bhatta, Department of Mathematics
- 2) Prof. Vittal .V. Kulkarni, Department of Mathematics
- 3) Dr. H.R. Krishnamurthy, Department of Economics
- 4) Dr. B.R. Parineetha, Department of History
- 5) Prof. K.S. Kannan, Department of Sanskrit
- 6) Prof. Girish B Kulkarni, Department of English

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 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

8. Total number of seminars / workshops conducted:

NIL

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: 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:

- Trekking to Savanadurga Hills
- Every Saturday 'Shramadaan' programme
- Participated in Independence Day Celebrations



- Visited the Margadarshi Institute, Ulsoor and donated paper covers of about 80 kgs for self employment of disabled women
- 8 students participated in State level Special Camp – ‘Shrama Samskruthi’
- Ten days camp was organized at Jakkasandra in Kanakapura Taluk
- Organized ‘Vivekananda Jayanthi’ in the college on 12-01-06. Dr. K.L. Gopalkrishnaiah gave a lecture on ‘Life and Philosophy of Swami Vivekananda’.
- Organized ‘Blood Donation Camp’ by Lion’s Club on 19-01-06. 118 students donated blood and exhibited the spirit of humanism.
- Organized Trekking to Revanasiddeshwara Hills on 05-05-06 in which 30 students participated.
- Special lecture by Dr. Sri. Y.G. Muralidharan on ‘Right to Information’.
- Provided scribes to 20 Blind students of Ramana Maharshi Blind Students Residential School to write their SSLC exams.

NCC activities:

- 54 cadets participated in the Jalahalli Camp
- Ravishankar H.N. participated as the State Representative in the Jammu Kashmir National Integration Camp.
- At Madikeri and Ujjaini (MP) National Integration Camp, 7 students of our college participated.
- In the 28 days training camp at Uttarakashi Nehru Institute of Mountaineering, our college students Prashanth Aradhya secured training.
- In Republic Day Parade, S.V. Santosh Kumar, Kavya and Chiranth participated and secured prizes.
- Bangalore to Madikeri Cycle Expedition, about 16 students participated.
- 30 girl students and 20 boys participated in Parasailing.
- Students participated in Mountaineering at Ramanagar.
- Sri. Vasanth Shastri and Sri. Prakash participated in the Maharashtra 120 kms Marathon walk.
- NCC awareness exhibition was organized.
- Cadet Hari Prasad obtained special training in Asian Valley.

19. Teachers and officers newly recruited:

1. Ms. Tejaswini hirtha – Lecturer in Journalism



20. Teaching – Non-teaching staff ratio:

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

21. Improvement in the library services:

- Enhancing the number of racks for display of Journals and Magazines
- Internet services provided for staff and students

22. New books / journals subscribed and their value

**Details of Book / CD's /DVD for the year 2005-06
(Management grants)**

Description	Amount
Total Budget amount	65000
Total amount spent	70100
Books	
No. of books added	524

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

S.No.	Subject	No.of Books
1.	Kannada	102
2.	English	32
3.	Sanskrit	15
4.	Hindi	01
5.	Physics	44
6.	Chemistry	35
7.	Mathematics	43
8.	Computer Sci.	34
9.	Electronics	12
10.	Indian Constitution	04
11.	History	19
12.	Economics	32
13.	Sociology	14
14.	Psychology	33
15.	Journalism	13
16.	General	10
17.	BCA	81
Total		524



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) Laptops and projectors and LCD of 48 inches
- 3) Lights and Fans wherever necessary
- 4) New furniture purchased

27. Technology up gradation:

- 1) Enhancing number of Computers
- 2) Adding latest equipment in Science related labs.



List of new lab. equipments

Sl.No.	Name of the Equipment	Quantity
Department of Physics		
1.	Digital Multimeter	6 Nos.
2.	LASER experiment	3 Nos.
Department of Chemistry		
1.	Atomic Model set	1 No.
2.	Charts (Bio Visual)	
Department of Computer Science		
1.	Intel Pentium PC – 3 Ghz	8 Nos.
2.	Intel Pentium PC – 3.4 Ghz	24 Nos.

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) English Communication workshop for BCA students
- 3) Soft skills programme for students

29. Financial aid to students:

Many students who are poor and needy have been provided financial aid.

30. Activities and support from the Alumni Association:

Alumni Association meets once a year and facilitates interaction and exchange ideas among alumni.

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 staff and students.

33. Performance in sports activities:



- Multi-Gym facility is in function and utilized by the students
- Organized Bangalore University Men's Inter-Collegiate Volleyball champion competition. About 67 colleges participated in it.
- Students of our college participated in National, State, and District level sports.

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) Ashok and Abhiram secured I-Rank in State level Mathematics Olympiad
- 2) Aishwarya obtained 7th Rank in B.Sc., Bangalore University.
- 3) Karthik Seshadri became the first student of India to deliver lecture on 14th AIAA / AMI / Space planes and Hypersonic Systems and Technology Conference.

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.	Cognizant Technologies	07
2.	IBM Solutions	01
3.	SLK Software	04
4.	Mindtree Technologies	01
5.	Park Control Systems	04
6.	Accenutre	04
	Total	21



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. 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 2005-06

Date	Speaker	Topic
22-01-05	Dr. B.N. Meera, Dept. of Physics, B.U.	Fiber Optic Communication
12-02-05	Dr. Mohan Sundra Rajan, Bharateeya Vidya Bhavan	Orbits of Indian Satellite
26-02-05	Dr. T.R. Anantharamu, Scientist	Natural Disasters- Sunami
12-03-05	Dr. P.P. Rao, Former Scientist, ISRO	Neurology of Speech Comprehension and Grammar
26-03-05	Dr. G.C. Anupama, Scientist, Indian Inst. Astrophysics, Bangalore	Astronomical observatories in India
23-04-05	Dr. K. Anantha Ram, Chemical Engineering Dept.	Challenges of Space to Scientists and Engineers
14-05-05	Dr. B. Mukherjee, Command Hospital	Problems of Hearing
28-05-05	Dr. K.R. Uma Bai, Medical College, Bangalore	Blood Banking Today
11-06-05	Dr. D. Theertha Prasad, GKVK, Bangalore	Signaling mechanism in plant defence against fungal diseases
25-06-05	Dr. N.H. Ravindranath, IISc, Bangalore	Global Warming
09-07-05	Sri. P.T. Raghuram, IISc, Bangalore	Radiation hazard and safety aspects
23-07-05	Dr. B.R. Madhukar, Consultant Psychiatrist	Alzheimer's – new clues to an ageing riddle
13-08-05	Dr. V.C. Shanmukhananda, IMA Karnataka	Modern advancements in medicine and their relevance
27-08-05	S. Hiriyanna, ISRO, Bangalore	Optical Illusion
10-09-05	K.S.V. Sheshadri, ISRO, Bangalore	Remote sensing satellite
24-09-05	Sriraghavan, MP Birla Inst. of Fundamental Research, Bangalore	Horoscope of a star
05-10-05	Prof. Mohan Sundara Rajan, Science Communicator	Wonders of the space age
28-10-05	E.P. Suresh, ISRO, Bangalore	Solar cells for space applications
11-11-05	Dr. Venkatesh Krishna Murthy, Trust, Bangalore	Know your Kidney
25-11-05	Dr. R. Lakshminarayana, Regional Officer, Karnataka State Pollution Control Board	Urban pollution problems and management
25-08-06	Dr. G. Ramachandran, IIA, Bangalore	Nuclear Forces
08-09-06	Dr. Y.C. Kamala, NCB, Bangalore	Atom Bomb production –



		Science and Society
22-09-06	Dr. M. Seenappa, UNICEF	Chikangunya – Causes and Control
13-10-06	Film show on Science subjects	
27-10-06	Dr. K.R. Raghunandan, Geological Survey of India	India's ancient mining heritage
10-11-06	P. Prabhavathi, BNMIT, Bangalore	Electronics Systems Design – a new approach
24-11-06	Filmshow on Science subjects	
08-12-06	Prof. K. Subramanian, NAVKIS	Physics through MATLAB
22-12-06	Sri.A.N. Murthy, DRDO	Electronic Warfare

11. 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.	04-06-2005	Drama	-
2.	06-06-2005	Drama	'Dasa Purandara'
3.	07-06-2005	Classical music	Sanjay Subramanya
4.	08-06-2005	Sugama Sangeetha	Smt. Archana Udupa
5.	09-06-2005	Classical Music	Sri. Vidyabhushana
6.	-	Instrumental	Kumareshan / Ganeshan
7.	-	Dance	Kiran Subramanya
8.	-	Classical music	Sri. R.K. Padmanabh
9.	17-06-2005	Classical music	Smt. Maanasi Prasad
10.	01-07-2005	Jaltarang	Ganeshan
11.	15-07-2005	Sugam Sangeetha	Smt. M.D. Pallavi



Sl.No.	Date	Programme	Eminent Artists
12.	05-08-2005	Music	Dr. Rajeev Taranath
13.	19-08-2005	Flute recital	Sri. S. Ramani
14.	02-09-2005	Classical Music	Smt. R.A. Ramamani
15.	16-09-2005	Drama	
16.	07-10-2005	Flute recital	Sri Mukund
17.	21-10-2005	Kathak Dance	Smt. Suma Vijay
18.	04-11-2005	Instrumental (Duet)	Prashanth Iyer / Chandan Kumar
19.		Neenasam Drama	
20.	18-11-2005	Music	Yeshawanth Halbandi
21.	02-11-2005	Programme	Sri. Subbaraya Shastri
22.	16-12-2005	Drama	Sri Krishna Sandhana
23.	06-01-2006	Classical Music	Priya Sisters
24.	23-12-2005	Dance	Kinkini
25.	31-01-2006	Drama	Dr. H.N. Memorial
26.	17-02-2006	Drama	Srinath
27.	03-03-2006	Classical Music	Sri Ramaprasad
28.	17-03-2006	Drama – ‘Bhairavi’	Sri C.R. Simha
29.	07-04-2006	Carnatic Classical	Sri Shankar Krishnan
30.	11-04-2006	Yakshagana	‘Mahishasura Mardini’
31.	05-05-2006	Dance – Oddissi	Vani Madhava
32.	19-05-2006	Drama	‘Chitrapata’
33.	06-06-2006	Dr. H.N. Memorial Festival	
34.	07-06-2006	Sugam Sangeetha	Smt. Rathnamala Prakash



Sl.No.	Date	Programme	Eminent Artists
35.	08-06-2006	Dance	Smt. Lakshmi Gopaldaswamy
36.	09-06-2006	Music	Sri T.V. Gopalakrishnan
37.	10-06-2006	Flute recital	Sri. S. Ramani
38.	11-06-2006	Drama	'Nijagallina Rani'
39.	07-07-2006	Bharathanatyam	Smt. Ramya Vinod
40.	21-07-2006	Flute recital	Sri Ananthram
41.	18-08-2006	Bharathanatyam	Smt. Meera Naik and Dhanya Naik
42.	01-09-2006	Carnatic Classical	Sri S.R. Vinay
43.	15-09-2006	Drama	Sushma
44.	06-10-2006	Bharathanatyam	Sri Lakshman
45.	12-10-2006	Drama	Neenasam
46.	13-10-2006	Drama	Neenasam
47.	17-11-2006	Flute recital	Sri Shashidhar
48.	01-12-2006	Music	Vidwan V. Manjunath
49.	15-12-2006	Oddissi Dance	Smt. Sharmila Mukherjee & Others

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 2005

COURSE	No. appeared	I-Class	II-Class	Pass	Total	Perc.
BSC-III yr.	79	33	22	03	58	73.42%
B.A. – III yr.	75	20	15	14	49	65.33%
BCA – VI Sem	46	41	01		42	91.30%



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

1. Organizing Seminars
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