

**THE ANNUAL QUALITY ASSURANCE REPORT
OF
ARYA VIDYAPEETH COLLEGE**

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**FOR THE SESSION
2008-2009**

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ABOUT THE COLLEGE

Arya Vidyapeeth-a chain of educational Institutions starting from primary level to PG level was born out of the missionary zeal and relentless efforts on the part of a team of visionaries, the prominent worker being Late Giridhar Sarma. Luminaries like Mahendra Mohan Choudhury (Ex-Chief Minister of Assam and Governor of Punjab), Prof. Radha Kanta Das, a prominent mathematician of the region, educationist Sarat Chandra Goswami and some other leading citizens were involved in this endeavor.

The first step towards establishing this 'Nalanda' was taken in 1952 by opening the 'Arya Pathshala' in the Rehabari area of the then Gauhati (now, Guwahati). After that, there was no looking back.

The Arya Higher Secondary and Multipurpose School and subsequently, the Arya Vidyapeeth College came up at a low lying plot at the outskirts of the then southern Gauhati known as 'Sharab-Bhati' (meaning : a place where country liquor is made) in 1958. Sharab-Bhati was a backward area inhabited by a down-trodden and cosmopolitan distribution, features which have gained upliftment and predominance over the years.

'Arya Vidyapeeth' got the whole hearted patronage of many irrespective of their economic status. 'Arya Vidyapeeth' in turn till today and shall always, acknowledge with gratitude the acts of even a poor Bihari milkmaid, 'Tulsi Gowalini' who handed over her savings to GiridharSarma for the sake of the Institution, let alone donors like Santokh Singh, Gajendra Das or Md. Taleb Ali.

Although the College came into existence on 29th July 1958, it secured deficit grants from the Govt. of Assam for the Arts Stream in 1961. And in 1962, the Science Stream came into existence with as many as eight departments at one go. Within the very first decade of its existence, barring Statistics, all the other UG Courses were enhanced to the Honours level. By 1971, PG was opened in Mathematics.

Soon Arya Vidyapeeth College became a well-knownCentre of Higher Education in Assam nay the entire North East region. This was possible only because of the indomitable entrepreneurship and administrative acumen of the then Principal, Giridhar Sarma and, the devotion and dedication of the patrons as well as faculty members and employees of the college. The vibrancy of the college should have been seen to be believed. There was a time when the Higher Secondary classes had to be divided into three sections. Even the Degree students who could not secure a seat in the class stood attentively to hear the lecture. The mission was on its track. The Ghost in 'Sharab-Bhati' was no more there.

Arya Vidyapeeth College has been the first in many cases amongst all the grants-in-aid colleges of Assam in areas like opening up of PG Courses in Mathematics as well as Honours in Economics. The college started COSIP and COHSIP Programmes way back in 1974. Perhaps no other GIA college in Assam had a UGC sponsored Non-Resident Student Centre, a Workshop, a Health Centre when they were operational in Arya Vidyapeeth. The college has its own Anthem which is also unique.

The corporatization of Arya Vidyapeeth College should have been seen to be believed. Old issues of 'Aryan' the annual college magazine shows graphical representation of many shades like results, teachers' achievements, targets, modified

master plans etc. something which we also see now in the compulsory requirements of the NAAC Guidelines. As a consequence of this thirst for excellence triggered off since then, one of our now retired colleagues, Dr. Nilamoni Phookan even got the prestigious 'Soviet Land Nehru' and the 'Padmashree' Award. Another teacher, Sri Lil Bahadur Chetri was conferred the 'Sahitya Academy' Award.

Arya Vidyapeeth College is a premier institution of higher education in the north bank of the Brahmaputra river in Guwahati city. Founded on August 5, 1963, the college has rendered pioneering services to the community by catering to the needs of the vast and extensive area inhabited predominantly by socially and economically backward segments of the population.

The Aryan Mission

Perspicuity towards realization of an academically balanced and developed society in Assam in particular, and the North East India in general.

The Aryan Vision

Arya Vidyapeeth College dreams of transcending itself into a leading and pioneering institution in the society for imparting quality and value based education which would enable its alumni to face the ever dynamic challenges of time with courage, confidence, conviction and success.

The path towards realization of the goals enlisted on our roadmap is no doubt rugged as we are concerned with the disadvantaged population of the society as well.

We are hopeful and determined, and shall ever remain committed.

GOALS OF THE INSTITUTION

1. To encourage students to identify their latent talent and potential.
2. To produce high stratum outputs from the low inputs.
3. To cater to the needs of academically disadvantaged students.
4. To equip the students with some value added courses.
5. To promote co-curricular activities amongst the students to develop healthy habits.
6. To mould students into ideal citizens and thereby fulfill social obligations.
7. To promote and develop research culture among the faculty members.
8. To introduce vocational courses in order to enrich the students for better employment opportunities.

PART – A:

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.

A1. New Initiatives through IQAC

1. To help to set up the Bioinformatics Centre.
2. Scientific documentation of data for all departments based on a data retrieval system.

A2. PERSPECTIVE PLAN FOR THE SESSION 2008-2009

1. To encourage the faculty members to take up project work, research activities and research publications.
2. To organize seminar and workshop for the development of the research community.
3. To monitor the tutorial classes taken by the faculty members.
4. To organize interdisciplinary lectures within the college.
5. To set up a Bioinformatics Centre
6. To form an academic forum.

A3. OUTCOME AT THE END OF THE ACADEMIC SESSION 2008-09

i. Action taken during the session 2008-09

- a. Teacher's self-appraisal report and teaching plan have been used to obtain information like academic and teaching activities etc.
- b. The Best Department, Best Graduate of Gauhati University and Department toppers of Gauhati University have been felicitated and awarded.
- c. The annual budget was approved by the Governing Body and expenditures were made according to budget allocation. Besides government audit the college also carried out internal audit.
- d. The Centre for Bioinformatics of Zoology Department was inaugurated on 13th September, 2008 by Dr. Jayashree Goswami Mahanta, former MP and an alumnus of the Department.
- e. The Academic Forum of Arya Vidyapeeth College have been formed and have organized a series of lectures from 2nd February, 2009 to 23rd February, 2009 which was held in the conference room of the college. Besides the faculty members, some resource persons from outside were also invited who delivered on many well-chosen and socially relevant topics.

ii. Activities of the Support Services

- a. The NSS annual special camp 2008 was organized by the college NSS unit from 15th to 24th July, 2008 at Dakshin Guwahati Lachit Gorh High School, Guwahati.

NSS volunteers rendered their services in the Asian women boxing championship held in Assam, north east games and north east junior athletics games held at Guwahati.

They also attended national integration camps.

Various activities like 'SRAMDAN', personality development programmes, programme on AIDS, Polio and blood donation were carried out during 2008-09.

- b. The NCC cadets participated at national level camps. They donated 69 units of blood to the blood bank of Dr. B.Barooah Cancer institute on the 24th of September, 2008.

The NCC cadets organized a talk on Right to Information Act on 22nd November, 2008.

The NCC cadets organized an 'ANNA DAAN' programme for the needy at the Sukreswar Mandir area of Guwahati on 23rd November, 2008.

- c. The Arya Mountaineers' and Adventurers' Circle and NCC cadets of the college successfully completed a two day Endurance training programme at the artificial wall climbing site of the 4th Assam Police battalion training area at Kahilipara on 19th and 20th September, 2008.
- d. The AVC career counseling and Placement unit organized 2 campus interviews in collaboration with 'WIPRO', Kolkata where altogether 11 students were selected.
- e. The Academic and Personal Counselling Cell aims to provide proper help and guidance in personal and academic matters. It tries to solve their academic, personal and family related problems.

iii. Student Feed Back

- a. All Major students take part in the mandatory feedback process
- b. The process of the feedback is carried out by the IQAC and the analysis of the same is done by a neutral body formed by the Principal.
- c. After analyzing the feedback the Principal of the college confidentially discusses it with the faculty members on a one to one basis. This gives the teachers a scope to develop themselves in the areas on which the feedback has been taken.

iv. Research activities

Faculty members are engaged in various research activities like pursuing for Ph.D. degrees, under taking Research Projects, writing research articles, paper presentations in seminars and conferences etc.

v. Inter disciplinary Lectures

The teachers of one department are invited to other departments to deliver lectures on various relevant topics

PART – B

B1. Activities Reflecting the Goals and Objectives of the Institution

a. Results

Pass percentage for TDC 3rd year (Major) students in 2008

Subjects	Pass Percentage
Anthropology (Science)	100
Anthropology (Arts)	100
Assamese	100
Bengali	100
Botany	100
Chemistry	93.33
Economics	65
Education	83.33
English	80
Geography	100
Geology	100
History	66.67
Mathematics	63.41
Physics	83.33
Political Science	47.83
Sanskrit	100
Statistics	70
Zoology	100

b. Bio Informatics Centre

The Centre for Bioinformatics of Zoology Department has been imparting certificate course in Bioinformatics in collaboration with DOEACC.

c. Academic activities and research

Dr. Saibal Sengupta of Zoology department has been guiding around 6 research scholars. Dr. Jnanashree Borah of the Department of Geography has been guiding Research Scholars in the fields of Women Empowerment, Primary Education, Energy Studies, Indigenous knowledge, Technology etc.

Faculty members are engaged in various research activities. A total number of 16 research articles and 3 other articles have been published by the faculty members during this period. Again there were 21 paper presentations in seminars and conferences and 52 attendances in seminars, workshops, conferences etc.

During this session 5 teachers have undertaken minor research projects.

d. Intellectual developments of students

Intra college quiz competition and a state level inter college debate competition has been held.

B2. New Academic Programmes Initiated

The Centre for Bioinformatics of Zoology Department was inaugurated on 13th September, 2008 by Dr. Jayashree Goswami Mahanta, former MP and an alumnus of the Department. The Centre is imparting certificate course in Bioinformatics in collaboration with DOEACC.

B3. Innovations in curricular design and transaction

Some of the faculty members are members of the university's syllabus committee (for degree courses) in their respective departments.

B4. Inter Disciplinary Programme Started

The teachers of one department are invited to other departments to deliver lectures on various relevant topics.

B5. Examination reforms implemented

Unit tests, seminars, home assignments, group discussions are carried out. Guardians are handed over the progress of their wards annually or informed before the final examinations. All these activities help the students in their future course of study and in their professional life.

B6. Candidates qualified: NET/SLET/GATE ETC.

Not applicable. However, students are counseled for opting better courses. Seminars are organized for these purposes and ex-students are invited to share their experiences.

B7. Initiative towards faculty development programme

DEPARTMENTS	COURSES ATTENDED UNDER		PUBLICATIONS (BOOKS WITH ISBN, RESEARCH ARTICLES, ARTICLES)			PAPER PRESENTED IN SEMINARS/ CONFERENCES ETC.	WORKSHOPS/ SEMINARS / CONFERENCES ETC. ATTENDED
	UGC	OTHERS	BOOKS WITH ISBN	RESEARCH ARTICLES	ARTICLES		
ASSAMESE	2				1		
ANTHROPOLOGY				4		1	3
BENGALI				3			1
BOTANY	2			1			8
CHEMISTRY	2	1				1	1
ECONOMICS							6
EDUCATION	2					5	8
ENGLISH	1						1
GEOGRAPHY						2	7
GEOLOGY	2						
HISTORY	1	1		3		1	3
MATHEMATICS							1
PHILOSOPHY	1				1	2	3
PHYSICS				1		3	2
POLITICAL SCIENCE							1
SANSKRIT					1	1	1
STATISTICS		1		1			2
ZOOLOGY	1			3		5	4
TOTAL	14	3	0	16	3	21	52

In 2008-09 a total of 14 faculty members of the college attended Courses under UGC and 3 faculty members attended other courses. A total number of 16 research articles and 3 other articles have been published by the faculty members during this period. Again there were 21 paper presentations in seminars and conferences and 52 attendances in seminars, workshops, conferences etc.

The faculty members are also actively engaged in editing books, writing course text books and in writing chapters in text books. Some are also involved in translation works.

During 2008-09 teachers performed as resource persons in IAS pre-examination training at Assam Administrative Staff College, Guwahati, workshops and seminars, different colleges, training Course on "Use of computer based statistical software tools" for officers of Government of Assam at Assam Administrative Staff College, Guwahati, training programme on Management of Reptiles in Captivity, Assam State Zoo cum Botanical Garden, DST Research workshop : Northeast Initiative, Zoology Department, Gauhati University, a Bi-yearly Research Seminar, Aaranyak,

B8. Total number of Seminars/ Workshops Conducted

All the departments have been organizing students' seminars regularly.

An UGC-Sensitization, Awareness, Motivation Workshop (Non Residential) on "Capacity building of women managers in higher education was held from 12th to 16th November, 2008.

B9. Research Projects

Dr. Saibal Sengupta of Zoology department has been guiding around 6 research scholars. Dr. Jnanashree Borah of the Department of Geography has been guiding Research Scholars in the fields of Women Empowerment, Primary Education, Energy Studies, Indigenous knowledge, Technology etc.

Faculty members are also involved in guiding M.Phil. scholars from different universities.

Mr. Apurba Kumar Das of the Department of Physics obtained his M.Phil.Degree in March, 2009 from Periyar University, Salem, Tamil Nadu and obtained a first class.

Dr. Jnanashree Borah of the Department of Geography is the Principal Investigator of a UGC sponsored Major Research Project on "Enrollment and Dropout of Primary Education in Assam using GIS" from October 2008 to October 2009.

Minor Research Projects

Newly Implemented: During this session 5 teachers have undertaken minor research projects.

Completed: 1 Minor Research Project has been completed.

B10. Patents generated, if any

None

B11. New collaborative research programmes

Gauhati University and Assam University.

B12. Research grants received from various agencies

Name of the teacher (with department)	Project topic	Agency	Amount	Year
Mrs. Deepali Neog (Geography Department)	A comparative study of rural women and empowerment among the identified social groups in Kamrup district, Assam	UGC	Rs. 1,05,000/-	2009
Dr. Mrinal Sarma (Anthropology Department)	Functions of voluntary organization in child welfare with reference to Kamrup district	UGC	Rs. 90,000/-	2009
Dr. Monmee Sonowal (Anthropology Department)	Social contours of the rural migrant with reference to unskilled labour force in Guwahati city, Assam	UGC	Rs. 90,000/-	2009
Dr. Jatin Sarmah (Zoology Department)	Evolution of endorine disrupting effects of Nagaon paper mill effluents on Albino mice	UGC	Rs. 1,45,000/-	2009
Dr. Phani Dutta (Chemistry Department)	Study of groundwater quality with special reference to dissolved fluoride and heavy metal concentration of Kamrup district	UGC	Rs. 1,50,000/-	2009

B13. Details of research scholars

Name of the Scholar	Name of the guide with Department	Topic	Year of provisional registration
Mrs. Mitali Chetia Saud	Dr. Saibal Sengupta (Zoology Department)	Studies of variation in the population of <i>Duttaphrynus melanostictus</i> of north east India	2008
Ms. Rinku Manta	Dr. Jnanashree Borah (Geography Department)	Guwahati city and the small towns in its surrounding: A study of their growth and interdependence	2008
Mr. Harekrishna Haloi	Dr. Jnanashree Borah (Geography Department)	Status of primary education among identified social groups in Assam: A socio-spatial analysis	2008
Mr. Manoj Gohain	Dr. Jnanashree Borah (Geography Department)	Evaluation and prioritization of potential small hydro power sites and their planning and management in selected watersheds of Assam and Meghalaya, India	2009

B14. Citation index of faculty members and impact factor

On an average the citation index of some of the faculty members is within the range 1.5-4.0 and some of them have been publishing research articles in journals with impact factor 0.3-2.7.

B15. Honors/Awards to the faculty

None

B16. Internal Resource Generated

Rent	Examination	Others	Total
Rs.7,500/-	Rs. 55,460/-	Rs. 15,455/-	Rs. 78,415/-

B17. Details of departments getting SAP, COSIST (ASSIST)/DST, FIST etc. assistance/recognition

Fund received from DST for a Major Research Project by Dr. Saibal Sengupta, Department of Zoology.

B18. Community services

NSS volunteers rendered their services in the Asian women boxing championship held in Assam, North east games and north east junior athletics games held at Guwahati.

The NCC cadets donated 69 units of blood to the blood bank of Dr. B. Barooah Cancer institute. They also organized an 'ANNA DAAN' programme for the needy at the Sukreswar Mandir area of Guwahati.

B19. Teachers and officers newly recruited

Non-teaching staff newly recruited

- Mr. J Sarma Library Staff
- Mr. K. Barman Library Staff
- Ms. N. Mahanta Laboratory Bearer
- Ms R Mandal Laboratory Bearer
- Mr. B. Deka Laboratory Bearer
- Mr. J.K.Mandal Laboratory Bearer
- Mr. M. Sarma Laboratory Bearer
- Mr. B. Sarma Laboratory Bearer
- Mr. S. Kumar Laboratory Bearer
- Mr. G. Kumar 4th Grade

B20. Teaching-Non-teaching staff ratio

2.1:1

B21. Improvements in library services

a) Books and journals have been purchased during 2008-09.

B22. New books/journals subscribed and their value

Amount	No. of books
Rs. 65,996/-	945

Amount spent for the purchase of journals is Rs.1114/-

B23. Courses in which student assessment of teachers is introduced and the action taken on student feedback

- a. All Major students take part in the mandatory feedback process
- b. The process of the feedback is carried out by the IQAC and the analysis of the same is done by a neutral body formed by the Principal.
- c. After analyzing the feedback the Principal of the college confidentially discusses it with the faculty members on a one to one basis. This gives the teachers a scope to develop themselves in the areas on which the feedback has been taken.

B24. Unit cost of education

Expenditure: Rs. 76,88,000/-

No. of Students: 2041

Unit cost of education: Rs. 3767/-

B25. Computerization of Administration and the Process of Admission and Examination Results, Issue of Certificate

Computerization process is going on in continuity.

B26. Increase in the Infrastructure Facility

Construction of the second girls' hostel is in progress.

B27. Technology upgradation

There has been the use of computers and LCD projectors in the college. There are computer laboratories in the Mathematics and Statistics Departments.

B28. Computer and Internet Access and training to teachers and students

The Computer Cell of the college provides computer and internet access and training to teachers and students. Besides, the whole college is having LAN connectivity with the server being installed in the Computer Cell.

During 2008-09 a total of 232 students were enrolled and the number of certificates awarded were 136.

B29. Financial Aid to Students

32 economically backward students have received financial assistance during 2008-09. The total amount of financial assistance was Rs. 52,885/-

B30. Activities and support from the Alumni Association

The Alumni Association maintains a very cordial relation with the college and attends the functions of the college whenever invited.

Alumni Association is involved in development of the College playground.

B31. Activities and support from the Parent Teacher Association

Parent Teacher Association does not exist. However, all departments hold regular Guardian meet where active interaction takes place between teachers, guardians and students. Parent association with the college is through the representation of two parent members in the Governing Body.

B32. Health Service

The NCC cadets donated 69 units of blood to the blood bank of Dr. B.Barooah Cancer institute.

Under an agreement the college health centre has been upgraded by NRHM to cater to the needs of the students and general public. At present the centre has 1 doctor and 6 other staff members. It has a bed and on an average 60 patients visits the centre daily.

B33. Performance in Sports Activities

The students participated in various sports activities during the Annual College Week.

College teachers participated in inter institute cricket and volleyball competitions.

B34. Incentives to outstanding sportspersons

The college encourages outstanding sportspersons and as an incentive to outstanding sportspersons it reserves a few seats for admission in the sports quota.

B35. Student Achievements and Award

Ms. Manashi Das Purkayastha of the Zoology Department and Mr. Monimugdha Choudhury of the Anthropology Department who were toppers under Gauhati University were felicitated and awarded in the Fresher's Social, 2008.

Giridhar Sarma Memorial Best Volunteer Aryan NSS Award, 2008-2009 was awarded to Mr. Rajani Kanta Deori and the Principal's Award, for best organizational works, 2008-2009 was awarded to Sri Bipul Sonowal.

B36. Activities of the Guidance and Counseling Unit

1. The Arya Vidyapeeth College Career Counseling and Placement Cell has been involved in the recruitment of the students.
2. The Academic and Personal Counselling Cell aims to provide proper help and guidance in personal and academic matters to the students. It tries to solve their academic, personal and family related problems.

B37. Placement service provided to students

Campus Recruitment Drive			
Serial No.	Organization	Date	Candidates selected
1.	WIPRO, Kolkata	23 rd September, 2008	4
2.	WIPRO, Kolkata	16 th December, 2008	1

B38. Development programmes for non-teaching staff

For their professional expertise the non-teaching staff has been sent to different training courses. Hands on computer training are also provided to them in the college computer cell.

B39. Healthy Practices of the institution

The college carried out various activities like blood donation, tree plantation, community services and extension services.

The Arya Vidyapeeth College teachers' unit organized felicitation and farewell programme for the retired teachers.

B40. Linkages developed with National/ International, academic/ Research bodies

The teachers are members of different academic bodies and forums.

B41. Any other relevant information the institution wishes to add

Ms. Manashi Das Purkayastha stood 1st class 1st in Zoology (major) 2008 under Gauhati University and Ms. Monimugdha Choudhury stood 1st class 1st in Anthropology (major) 2008 under Gauhati University.

The College has two hostels – one for boys (with an intake capacity of 103 students) and the other for the girls (with an intake capacity of 64 students).

The College has different common forums of teachers and students like the science club, debators' club, literary club, mountaineering club, hobby club etc.

Different types of lectures and seminars are held regularly in the College. For instance, the Giridhar Sarma Memorial Lecture is held annually under the auspices of the 'Teachers' Unit' of the college.

The College has a Research Committee which approves projects submitted by the teachers and forward them to appropriate authorities.

There has always been a vibrant work and research culture amongst the teacher fraternity. One can very well see our faculty members continuously engaged in Research Projects, authoring books, publishing research papers in journals of national and international repute and lending extension services in various capacities.

The College has a General Body of the students known as Arya Vidyapeeth College Students' Union of which every student shall be a member.\

The College magazine Aryan is the medium for developing literary and other potentials of the students. It publishes article and creative writings contributed by students and teachers.

The College has a News Bulletin- Vision wherein news of different activities and achievements of students and teachers are published.

Every department of the College publish their own individual wall magazine periodically with the contribution from both teachers and students.

The College has a Grievance Redressal Cell. Students can submit their grievances and suggestions in a box kept in the office of the Vice Principal for their proper redressal.

The College has a canteen within the college campus.

PART - C

Detail the Plans of the Institution for 2009-2010

1. To encourage the faculty members to take up project work, research activities and research publications.
2. To organize two UGC sponsored National Level seminars and workshop for the development of the research community.
3. To monitor the tutorial classes taken by the faculty members.
4. To organize interdisciplinary lectures within the college.
5. To celebrate the Golden Jubilee Celebration in a befitting manner.
6. To initiate the construction process of the new building (Block B).

Mousumi Borah

(Dr. Mousumi Borah)
Coordinator
IQAC

Saibal Sengupta

(Dr. Saibal Sengupta)
Chairperson
IQAC