The Annual Quality Assurance Report (AQAR) of the IQAC
2008-2009

Name of the Institution	:	Dayalbagh Educational Institute
Name of the Head of the Institution	:	Prof. V.G. Das

Ph. No. Office: 0562-2801545   **Residence:** 0562-2570760

Mobile: 08755172019   **e-mail:** deidirector@gmail.com

Name of the IQAC Coordinator   :   **Dr. Ratan Saini**

Ph. No. Office: 0562-2801545   **Residence:** 0562-3251897

Mobile: 09319102047   **e-mail:** ratansaini@dei.ac.in

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.

Action Plan for session 2008-09
- To start courses in Computer Science.
- To start innovative integrated programs for bright students.
- To admit meritorious girls passing Diploma in Electronics in Engineering through Lateral Entry.
- To increase student intake by 18% in U.G. and P.G. Courses.
- To start M. Phil. courses as a pre-requisite for Ph.D.

Outcome of planned activities achieved in the session.
- Institute introduced B.Sc. (Hons.) in Computer Science.
- DEI has introduced innovative integrated programs in the following streams:
  - BBM   -   MBA
  - B.Com (Hons.)   -   MBA
  - B.Sc. (Engg.)   -   MBA
  - M.A. (English)   -   B.Ed.
  - M.Com.   -   B.Ed.
  - B.Sc. Engineering   -   M.Tech.

- These programs permit bright students to optimally plan their studies and save time which enables them to earn the required number of credits in less time.

- The Academic Council approved Lateral Entry scheme for admission of meritorious Electronic Diploma students to B.Sc. Engineering (Elect.)
- The student intake has been increased by 18% in U.G. and P.G. Courses.
- Approval of Board of Studies, Faculty Board and Academic Council obtained for starting M. Phil. program in DUAL mode along with the P.G. Courses in 14 streams.

PART B:

1. **Activities reflecting the goals and objectives of the institution:**
   - To start Research & Technology Park for encouraging inter-disciplinary research and interaction of Research Workers of various departments.
   - To get vocational course lectures translated to Telugu.
   - To start M. Phil. in Education.
   - To open ICT Center at MTV Puram in Tamil Nadu.

2. **New academic programs initiated (UG and PG):**
   - Started B.Sc. (Comp. Sc.).
   - Started M. Phil. programs in Psychology, Management, Hindi, Education, Sanskrit, English, Music, Commerce, Home Science, Drawing & Painting, Botany, Chemistry, Physics, Maths and Zoology.
   - Initiated Bar Coding of Books in all Libraries.

3. **Innovations in curricular design and transaction:**
   - Started Integrated M. Phil. programs in the following subjects:
     - English
     - Hindi
     - Sanskrit
     - Music
     - Drawing & Painting
     - Home Science
     - Physics
     - Botany
     - Chemistry
     - Zoology
     - Mathematics
     - Commerce

4. **Inter-disciplinary programmes started:**
   - Department of Economics started PG Diploma in Business Economics in collaboration with the Faculty of Commerce.

5. **Examination reforms implemented:**
   - For computerization of objective type tests the Institute faculty has developed software which uses simple Cyclostyled Answer sheets without the need of accurate two color printing. This program has been successfully implemented in the admission tests of the Institute, resulting in huge saving in cost and ensuring full protection from sabotage by external elements.
   - Nine point letter grading introduced. Faculty wise training of teaching staff arranged so that they may implement the new system without any error or doubt.

6. **Number of Candidates, who have qualified in : NET/SLET/GATE etc.**
   - NET : 14, GATE : 51

7. **Initiating faculty development programs:**
   - Management Development program- Short course run by Dr. K. Santi Swaroop and Mr. V. Prem Swaroop.
   - AADEIs conducted the following courses.
     - ➢ Tally Programming
     - ➢ Spoken English
     - ➢ UNIX Programming

8. **Total number of seminars/workshops conducted:**
   - 19 (International : 1)

9. **Research projects:**
   - Newly implemented : 25
   - Completed   : 05

10. **Patents generated, if any:**
    - 02

11. **New collaborative research programmes:**
    - IIT Delhi – MHRD Project on NET connectivity for rural masses under NMEICT.
    - DEI joined the Collaborative project of ISRO on monitoring Atmospheric pollution.

12. **Research grants received from various agencies:**
    - Rs. 136.86 lacs

13. **Details of research scholars:**
    - 222

14. **Citation index of faculty members and impact factor:**
    - Dr. Sahab Das Kaura   Chemistry   IF=3.4   CI=10
    - Dr. Anita Lakhani   Chemistry   IF=1.38   CI=8
    - Dr. J.N. Srivastava   Botany   IF=1.6   CI=1
    - Dr. Prem Kumar Dantu   Botany   IF=2.09   CI=2

15. **Honors/Awards to the faculty:**
    - Dr. Aditya Prachandia (Hindi) was accorded 'University Level Felicitation 2008' by Uttar Pradesh Hindi Sansthan, Lucknow on 27.2.2009.
    - Prof. Pramod Kumar (Commerce) is nominated 'MEMBER' of Editorial Advisory Board of *Accounting and Finance* and *Journal of Banking and Information Technology* published by 'Research Development Association, Jaipur. He is also nominated a MEMBER of National Editorial Board, *Journal of Social Welfare and Management*, published by World Information Syndicate, New Delhi.
    - Dr. Surat Kumar (Chemistry) is nominated as MEMBER of National Executive Committee of Indian Biophysical Society.
    - Dr. Kavita Raizada (Science faculty Office) was honored as 'Jewel of India' award 2009 by Akhil Bharatiya Kala Sahitya Sanskriti Academy, Wardha on 30.5.2009.
    - Prof Sanjeev Swami was invited as 'VISITING FACULTY', Fellow Programme in Management and Marketing Division, IIM, Bangalore to teach a Doctoral level Course on "ADVANCED MARKETING RESEARCH & MODELS".
    - Dr. Sanjay Bhushan is nominated as 'MEMBER' of Technical Committee on humanities and Social sciences WASET.

16. **Internal resources generated:**
    - Rs. 13,12,987

17. **Details of departments getting SAP, COSIST (ASSIST)/DST.FIST, etc. assistance /recognition:**
    - SAP   : Physics & Computer Science, Chemistry
    - FIST   : Physics & Computer Science, Chemistry, Zoology, Mechanical Engineering, Electrical Engineering

18. **Community services:**
    - 3 week Camp at Rajaborari for integrated development of tribal belt in M.P.
    - NSS Camp in villages to set an example of how to keep the area clean.

19. **Teachers and officers newly recruited:**
    - Teachers: 6,   Officers:4

20. **Teaching – Non-teaching staff ratio:**
    - Teaching staff =176,   Non teaching staff =249   Ratio= 1:1.41

21. **Improvements in the library services:**
    - As demand for INFLIBNET access of journals has increased, Six more Computers were procured and installed in the Library for student use for accessing e-journals. Additional grant has been provided to procure good reference and text books.
    - Powerful HP 350G Proliant server has been procured and installed for Library computerization and for Internet access.

22. **New books/journals subscribed and their cost:**
    - New Books : Number : 5579,   Cost : Rs. 23,88,749/-
    - Journal subscription : Rs. 12,58,872/-

23. **Courses in which student assessment of teachers is introduced and the action taken on student feedback:**
    - Student feedback on Teachers and teaching methods is introduced in all courses in DEI. Feedback is also obtained through Class committee meetings and meetings of AAAC. The Heads of Departments counsel the concerned teachers.
    - Students of I yr of Engineering complained that they are not able to grasp Physics as the teacher dictates in the class and his words are not clearly audible. A suggestion is given to the teacher to provide Xeroxed copies of notes and not to dictate in the class. The teacher adopted the suggestion and the students expressed satisfaction.

24. **Unit cost of education:**
    - Rs. 50,253 per year

25. **Computerization of administration and the process of admissions and examination results, issue of certificates:**
    - Installed open source software, 'NEWGENLIB', for Library computerization which has all functionalities and proves highly economical.
    - Computerization of Accounts section has been achieved through software developed in-house by our Computer Center.

26. **Increase in the infrastructural facilities:**
    - The following additions and extensions were made during the year in buildings by the Institute:
        - ➢ Extension of Social Science Building, Extension of Commerce Library, Jatropha Farm, Bio-fertilizer Lab, P.G. Girls Hostel, Multi Media Lab.

27. **Technology up-gradation:**
   - ISRO has sanctioned a channel in the c-band of EDUSAT to DEI with all India coverage for the Distance Education program.
   - Photonics Lab has acquired a Tunable Laser, a 400 MHz CRO.
   - Chemistry department procured H.P.L.C. Equipment.
   - The computer Centre has been upgraded with the addition of 65 Personal Computers and a Powerful server.

28. **Computer and internet access and training to teachers and students:**
   - Short courses run on Microsoft Office, Excel and Word. ISRO offers EDUSAT connectivity on C-channel and allocated 20 hrs of time for transmission of distance education courses to various centers. 57 centers were equipped SIT facility.

29. **Financial aid to students:**
   - Number of Students benefitted   : 472
   - Total Scholarship amount   : Rs. 25,18,659/-

30. **Support from the Alumni Association and its Activities:**
   - AADEIs has constituted a team in Andhra Pradesh to translate the printed course material of vocational courses from Hindi to Telugu.
   - AADEIs has initiated a scheme, (Under Graduate Research Awards), UGRA, to reward FOUR Engineering final year students every year who opt to take up Research level projects. They will be given Rs. 10,000/- each for books and contingency. Four students have been selected.
   - AADEIs has offered to support Chairs of excellence when an eminent person offers to join DEI to help in Teaching and Research. Prof. Manas Das Gupta, an eminent artist of Tabla, a Padma Shree holder and a retired Professor of TABLA at Shanti Niketan has been selected for this honor. Prof Manas Das Gupta joined the Department of Music with effect from 1.1.2009.
   - Mrs. Poonam Prakash, Coordinator of short courses on behalf of AADEIs, has organized the following short courses:
     - ➢ Soft Skills
     - ➢ Computer Skills
     - ➢ Networking
     - ➢ UNIX
     - ➢ TALLY-ERP.7

31. Support from the Parent-Teacher Association and its Activities:

- The Institute holds OPEN HOUSE on 31st January every year, which is celebrated as Founder's day. The parents are invited to visit the Institute and meet the teachers where their views are taken into consideration.

32. Health service:

- The Saran Ashram Hospital run by The Dayalbagh Medical Relief Society, which is a non-profit sister organization of DEI, has full fledged medical facilities and give their services, medicines and tests free of cost.

33. Performance in sports activities:

- Regular coaching of Football and Volley Ball started in July and continued upto mid October, while Hockey and Cricket were played from October onwards.
- Competitions of Races, Throws and jumps were organized in January.
- University level sports meet for students with disabilities was organized from 3rd to 8th Feb., 2010.
- The students of DEI (Km. Bhawna Singh, and Neetu) were selected in the U.P. State team and participated in the National Tennis Ball Cricket Championship held at Nagpur on 27th April, 2009.

34. Incentives to outstanding sportspersons:

- The Institute admission procedure provides for giving incentive of marks to candidates who have excelled in Sports and Games in deciding the merit.

35. Student achievements and awards:

- Mr. Achint Setia won the Best Paper presentation Award of Rs. 2,000/- at TECHOMANIA held at Anand Engineering College on 24.10.2008. He had also won Rs. 3,000/- and Second Prize in Robotics contest SRIYAN-2008 at ISM, Dhanbad.
- Mr. Arsh Octania won an Award of Rs. 44,000/- at Texas Instruments Pvt. Ltd., Bangalore for his project on Power Grid Source analysis and Optimization.
- Mr. Arsh Josan won an Award of Rs. 8,000/- and second prize in 'Teckriti 09" at IIT, Kanpur. He had won the First prize and Rs.3000/- at the Technical Paper presentation Contest held at IIT Roorkee under COGNIZANCE-09. He had also bagged the First Prize in state level Analog Design contest at Mathura.
- Km. Jharna Talreja, BBM (Hons.) has got I rank in all India MAT exam.-2008.

- Mr Pradeep Kumar got I prize of Rs. 12,000/- as Best NCC cadet.
- Mr. Mohit Prasad won the Outstanding student paper award at the 9th Intl. Conference on Fiber Optics and Photonics-08 organized by IIT, Delhi on 17-12-2008.

36. Activities of the Guidance and Counseling Cell:
- The cell for Psychological Counseling established in the Department of Psychology gives free guidance to students facing domestic and psychological problems.

37. Placement services provided to students:
- DEI APAC in collaboration with the Placement Officer and Faculty Placement Coordinators has canvassed with Corporate Heads to select DEI Graduates due to their values and quality of Training.
- The placement position of various faculties are as follows:
  - B.Sc. Engg. - 89%
  - M.B.A. - 85%
  - Diploma - 91%
- To improve placement short courses were conducted on
  - Resume Writing
  - Spoken English
  - Computer Skills
- Mock Interviews were held to train students to boldly face the Interviews
- Training classes were held for civil services every Sunday.

38. Development programmes for non-teaching staff:
- Non teaching staff is given in-house training in Computer Skills and Tally.
- Staff is given permission to pursue higher courses in distance mode.

39. Best practices of the institution:
- DEI has taken up a bold scheme to make the campus eco-friendly. Institute has started installing Solar Power Plants at all faculties to ensure pollution free uninterrupted Power. The Institute has also installed Solar Cooking and Hot water facility in one girl's Hostel and two boys Hostels.
- DEI organized a 3 week camp at Rajaborari (M.P.) and conducted a deep survey and chalked out a plan for integrated development of the region.

40. Linkages developed with National/International, academic/research bodies:
- DEI has signed an MoU with University of Waterloo, Canada for collaboration in Research and Knowledge Sharing.

- DEI has signed an MoU with ICGEB for collaboration in Research in the area of Bio-technology.
- Prof. Ashok Agarwal of University of Maryland has conducted a course on 'Operating Systems' and another on 'Computer Networks' in the two semesters of the year.

41. Any other relevant information:
- Nil

PART C: Detail the plans of the institution for the next year.

Action Plan for session 2009-10

- ❖ To start P.G. Program wherever the Institute is offering only U.G. Level Courses.
- ❖ To increase student intake by 18% in both U.G. and P.G. Programs.
- ❖ To reserve 27% seats for OBC category students in all Courses.
- ❖ To create Interdisciplinary Research facilities and to get additional space to start Research and Technology park.

Name & Signature of the Coordinator, IQAC　　　　　　　　*Name & Signature of the Chairperson, IQAC*