

EVALUATIVE REPORT OF THE PHYSICAL EDUCATION DEPARTMENT

1. Name of the Department & : Physical Education
Its year of establishment 1970

2. Names of Programme /Courses offered (Ph.D.,)

Sl. No.	Name of Programme	Subject	Year of affiliation	No. of sections	Sanctioned strength	Total Student strength (2013-14)	Remarks
1	Ph.D.			-			-

3. Interdisciplinary courses and departments involved

Nil

4. Annual/ Semester/Choice Based Credit System:

Nil

5. Participation of the department in the courses offered by other departments:

Nil

6. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

Post	Sanctioned	Filled	Vacant
Physical Director	01	-	01

7. Faculty profile with name, qualification, designation, specialization (D.Sc/D.Litt/ Ph.D./M.Phil., etc.)

Sl. No.	Name & Qualification	Designation	Specialization	No. of Years' Experience	No. of Ph.D. students guided in the last 5 years
01	Dr. A. UHIRAPATHY, M.Sc., M.Phil., M.P.Ed Ph.D	Phy. Director	Yoga	28	06
01	Dr. S. Arivoli, M.Sc., M.Phil., Ph.D	Phy. Director in charge	Chemistry	24	06



8. Percentage of classes taken by temporary faculty - Programme-wise information

Nil

9. Programme-wise Student Teacher Ratio

Nil

10. Number of academic support staff (technical) and administrative staff sanctioned and filled:

Nil

11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.

Nil

12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received :

Nil

13. Publications:

- ✓ Number of papers published in peer reviewed journals (national/international)

S. No.	Name of the staff	No. of papers published in reputed journals	No. of books Published	No. of papers presented in Seminars	Citation Index	h-index	i10-index	Invited Lectures
1	Dr. S. Arivoli*	149	01	38	2954	28	89	7
2.	Dr. A. Uthirapathy	21	02	14	-	-	-	-

14. Faculty recharging strategies

Orientation / Refresher and Training Programmes

Sl. No.	Name of the faculty	Number of Attended Orientation / Refresher Courses
1.	Dr. S. Arivoli	03
2.	Dr. A. Uthirapathy	06



Papers presented in Seminars

Sl. No.	Year	No. of Papers Presented		
		State	National	International
1.	Dr. S. Arivoli	16	09	03
2.	Dr. A. Uthirapathy	06	04	04

15. Awards / recognitions received at the national and international level by

✚ Faculties

- ✓ The **Autobiography of Dr. S. Arivoli** is in the prestigious register of "Who's Who in the World", USA, in the inventors category.
- ✓ **Dr. S. Arivoli** was awarded **Sheik Jalaludeen Memorial Cup** for academic excellence for getting first Ranks in **B.Sc., and M.Sc.,** degree **University Examinations** during the year 1984-1989
- ✓ **Dr. S. Arivoli** has been Serving as a Referee for the international journals such as International Journal of physical science, Langmuir and Desalination (Elsevier group), European Journal of Chemistry, Journal of Current Environmental Engineering, International Journal of Chemical & Pharmaceutical Analysis, Journal of the Turkish Chemical Society, Section A: Chemistry, SCIENCEDOMAIN international (SDI), Hindawi Publishing Corporation, British Journal of Applied Science & Technology, Orbital - The Electronic Journal of Chemistry, Access International Journals Ltd, Bulletin of the Chemical Society of Ethiopia
- ✓ **Dr. A. Uthirapathy** was Cash award received from Vice-Chancellor, Bharathidasan University being meritorious Sports personnel during the year 2001-02
- ✓ **Dr. A. Uthirapathy** was received **Rashtriya Gaurav Award** for Economic growth and National Integration

Sports Performance of our students

Year	Name of student	Participated Events	Placement/Prize won	Organized by
2012 - 2013	M. Prasath	Kho - Kho	Third place	Bharathidasan University
	Karthi	Hand ball	Second place	



2013 - 2014	N. Vishnu	Kho - Kho	Third place	Bharathidasan University
	Karthi	Hand ball	Second place	Bharathidasan University
2014 - 2015	G. Sendhamilvendhan	Kho - Kho	Third place	Bharathidasan University
	Vimalraj	Volley ball	Fourth place	Bharathidasan University
2015 - 2016	J. Raguraman	Kho - Kho	Third place	Bharathidasan University

16. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.
Nil

17. Present details about infrastructural facility of play ground

- Asian Journal of Research in Chemistry
- Arabian Journal of Science and Engineering
- International Journal Scientific Research
- E Journal of Chemistry
- Research Journal of Chemistry and Environment
- Scientific Transaction in Environment and Technovation
- Indian Journal of Environmental Protection

b) Internet facilities for staff and students :

18. Does the department obtain feedback from

a) **Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?**

- ✓ Students are free to make comments/suggestions upon the methodology of teaching process (class-room teaching as well as laboratory demonstrations) adapted by the individual teachers directly to the Head of the Department
- ✓ By the directions of the Principal and IQAC, the Head of the department meets all the classes to verify the completion of the syllabus, well in advance, before the last working day of each semester.
- ✓ Every semester, IQAC conducts Feedback evaluation of teachers, infrastructure, laboratory conditions, etc., of the department and subsequently the report is considered with due weightage for further constructive and progressive implementation.

b) **Alumni and employers on the Programmes and what is the response of the department to the same?**

- ✓ Yes. Conducting the Annual Alumni association meet is in



regular practice. Likewise, the meeting with a few noteworthy Entrepreneurs/industrialists/Scientists is one of the regular activities of the department.

19. List the distinguished alumni of the department (maximum- 05)

SL. No.	Name of the Alumni	Designation	Place
1	Prof. Dr. Viswanathan	Professor of Chemistry	Alagappa University Karaikkudi
2	Prof. C. Vijayaraj	Assistant Professor of Chemistry	Thiru Vi Ka Government Arts College- Thiruvarur
3	Mr. Murugesu Boopathi	Chief Educational Officer	Cuddalore District
4	Dr. B. Swaminathan	Scientist	New Delhi
5	Dr. S. Balaji	Post-Doctoral Fellow	IIT, Chennai

20. Highlight the participation of students and faculty in extension activities.

- ✚ Student's participation in Extension activities is made mandatory for all UG Programmes. The students of Chemistry do advised to participate in NSS, YRC and Sports etc.
- ✚ Students have been conducting awareness Programmes on "learning Science" and in particular, in CHEMISTRY for near school children by deliberations and demonstration.
- ✚ The Staff's have conducted more than 5 one-day Programmes for the Higher Secondary School teachers who have handling Chemistry.
- ✚ Many of the staff members are actively involved in society-involved Associations and Organizations for the purpose of serving their intellectual expertise.

21. Give details of "beyondsyllabus scholarly activities" of the Department.

- ✓ Coaching to students for the preparation of UGC-CISR



JRF cum Lecturer Test, SLET and other competitive examinations.

- ✓ Training the students to participate in Chemistry Quiz Programmes
- ✓ Training the students to inculcate the learning skills, interpersonal and intra-personal skill and career choosing skills (through workshops)

22. State whether the Programme/ department is accredited/ graded by other agencies. Give details: Nil

23. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strengths:

- i. Effective Support in the form of laboratory equipment's from the Government for the introduction of any new and innovative Research Programme.
- ii. Even with moderate research possibilities, the department is capable of pursuing research in par with University departments and many leading institutions.
- iii. Good and conducive opportunities for students vertical progress up to Research Level
- iv. Thirst towards Adaptability towards the up-dating of academic Programmes according to the demand.
- v. Female staff members outnumber the male staff members in the present and in student strength scenario where female students outnumber male students.

Weaknesses:

- i. Substantial decrement in science learning due to the invasion of engineering studies and moreover the Programmes in Chemistry are purely basic.
- ii. Inability to network with other institutions (like other urban Colleges)
- iii. Low profile of Teachers exposure towards advancement in Chemistry.
- iv. Abolition of minor projects for college teachers and financial assistance to individual departments in the form of DST-FIST, has become unforeseen difficulty while progressing towards upwards.

Opportunities:



- i. Wide scope for learning job-oriented certificate, diploma and PG Diploma course concurrently during the course duration.
- ii. Students have chance to appear confidently in competitive examinations as extra-coaching on specific skill is set made available.
- iii. Special coaching classes for NET/SLET/UGC-CSIR pave way to the students to go further in their academic excellence.
- iv. Each student could enrich his/her technical skills as the related opportunities do available in the department.
- v. The past history and positive trend which prevails in the department help each and every student to expand their knowledge in all aspects.

Challenges:

- i. Teaching Chemistry seems to be tough task and that to the first generation learners make more challengeable. The success rate of the department shows the success trend in meeting out such challenges in effective manner.
- ii. Sudden transition from local language to English in Undergraduate level students is a regular taunting task. However, training through Bridge courses and spoken English labs help to get rid of the challenges.
- iii. Teaching Chemistry to ancillary courses seems to be a tough task and has been more challenging one. Proper methodology helps us to come out from this problem.
- iv. Net working with other institutions is a major problem which lies in the department. Recent advancements in the campus improvement, through technological connectivity, we attempt to reduce the same.

Future plans of the department.

- i. To set a Research Centre with the help of DST and UGC.
- ii. To have more enriching programs for Staff and Students (like seminar, Symposia and Workshops).
- iii. To get more projects from UGC,CSIR and DST

Achievements of the Department:



- ✓ Since inception, the department has produced over 1000 graduates in Chemistry
- ✓ One of the research departments in Bharathidasan University to pursue the experimental research.
- ✓ The department has grown with well-structured Programmes such as Undergraduate, Post graduate and Research Programme with the job oriented Skill Based and Non Major Electives.
- ✓ The department has a wide spectrum of Alumni spread all over the world. For instance, in IIT, Anna University Chennai, MS University, Tirunelveli, Bharathiyar University, Coimbatore, Periyar University, Salem as faculties and Scientists.
- ✓ The department has grown to a greater extent to pursue research in the fields of Adsorption Kinetics, Crystal Growth, and Synthesis of Co-ordination Complexes. Over 75 lakhs funding from UGC, DST, CSIR and TNSCST are the ample proof for the department of Chemistry.

