

SCIENTIFIC RESEARCH

To achieve the socio economic objective for the developmental needs of this territory through the application of Science & Technology, it is proposed to set up a Bio technology park in this territory. This park will have an integrated approach on the identification of the appropriate technology, Research and Development dissemination of suitable technology to the entrepreneurs through proper training and development. The main thrust areas of Bio-Technology park are a) Agriculture b) Environment c) Animal Husbandry and d) Medicine. Necessary infrastructure will be developed to achieve the objectives.

To fulfill the socio economic objectives of this Union Territory through the application of Science and Technology and to encourage the application oriented research and transfer of appropriate technology, it is proposed to set up a technology transfer cell in the Department of Science, Technology and Environment. The main objectives of this technology transfer cell will be to gather information on the advancement of the technological changes that are being taken place under different Scientific disciplines all over the world and bring them to the Union Territory of Pondicherry for its over all development.

OUTLAY AT A GLANCE

Sector : SCIENTIFIC RESEARCH

No. of Schemes : 2

Department : SCIENCE, TECHNOLOGY & ENVIRONMENT

(Rs. in lakh)

Tenth Plan 2002-07 Approved Outlay	:	140.00
Annual Plan 2002-03 Actual Expenditure	:	39.91
Annual Plan 2003-04 Approved Outlay	:	35.00
Annual Plan 2003-04 Revised Outlay	:	35.00
Annual Plan 2004-05 Proposed Outlay	:	57.00

(Rs. in lakh)

Sl. No.	Name of the Scheme	2002-03	2003-04		2004-05
		Actual Expenditure	Approved Outlay	Revised Outlay	Proposed Outlay
(1)	(2)	(3)	(4)	(5)	(6)
1.	Science and Technology Programme	39.91	34.00	35.00	57.00
2.	Setting up of Bio Technology Park and Technology Transfer Cell	--	1.00	--	--
Total		39.91	35.00	35.00	57.00

Scheme No. 1

Sector : SCIENTIFIC RESEARCH

Implementing Department : SCIENCE, TECHNOLOGY & ENVIRONMENT

1. **Name of the Scheme** : Science and Technology Programme.

2. **Objective of the Scheme** :

In order to fulfill the socio economic objective of this Territory through the application of science and technology, this Administration has set up a Department of Science, Technology and Environment. The Science and Technology section of this department will be suitably strengthened and Pondicherry Council for Science and Technology which will be the apex body to offer guidance and approval for the science and Technology Programme has been constituted. In order to induce Scientific temper among the Public, particularly among students, science popularization and science education Programmes are to be taken up. Significant science days and computer training programme will be conducted for continuous up-gradation of knowledge of school students. Computers will be supplied to Government schools to upgrade the computer knowledge among students.

To fulfill the socio economic objectives for the developmental needs of this Union Territory through the application of Science and Technology, it is proposed to set up a Technology information and forecasting cell in DSTE. The main objectives of this cell will be to disseminate the technological information that are available at National and International levels and to forecast scientific policy for the over all development of this Territory.

To achieve the socio economic objectives for the developmental needs of this Territory through the application of Science & Technology, it is proposed to set up a Bio technology park and Technology Transfer Cell in this Territory. This park will have an integrated approach on the identification of the appropriate technology, Research and Development dissemination of suitable technology to the entrepreneurs through proper training and development. The main thrust areas of Bio-Technology park are a) Agriculture b) Environment c) Animal Husbandry and d) Medicine. Necessary infrastructure will be developed to achieve the objectives.

3.(a) Actual physical Achievement 2002-03 :

- i. Pondicherry Council for Science and Technology has been strengthened.
- ii. GIA released to Research project proposals submitted by the Research / Educational Institution in the U.T. of Pondicherry on S&T application area.
- iii. GIA released to M/s MSSRF for setting up of Rural Knowledge Centers in three villages.
- iv. Seminars / Colloquia / Workshops on S&T areas were conducted.
- v. Twenty Science clubs in Government / Private Schools were established.
- vi. Best science student awards to secondary, Matriculation and higher secondary level school students at state and regional wise.

(b) Anticipated Physical Achievement 2003 - 04 :

- i. Release of GIA for Strengthening of the Pondicherry Council for Science and Technology

- ii. Release of grants-in-aid to the selected research project proposals submitted by the Research/Educational Institutions in the U.T. of Pondicherry on identified S & T application area.
- iii. Celebration of National Science Day in the four regions of U.T of Pondicherry.
- iv. Presentation of best science student awards to secondary, Matriculation and higher Secondary level school students at state and regional.
- v. Supply of computers to Government schools in rural areas.
- vi. Organising programmes during the year of scientific awareness – 2004.
- vii. Summer camp training in computer for school students.

(c) Programme envisaged for Annual Plan 2004-05 :

- i. Strengthening of the Pondicherry Council for Science and Technology.
- ii. Celebration of significant Science days in the Union Territory of Pondicherry.
- iii. Presentation of best science student awards to Secondary, Matriculation and higher Secondary level school students at state levels.
- iv. Supply of computers to Government Schools in rural areas
- v. Organizing programmes / activities in connection with the science awareness year 2004.
- vi. Reimbursement of tuition fees to the bonafide students of U.T. of Pondicherry pursuing higher education in I.I.T.s.
- vii. Adoption of Young Scientists programme for students studying in Government schools
- viii. Presentation of Cash awards to Best Science Teachers (5 Nos.) for Government Schools
- ix. Presentation of cash awards to Young Scientist (5 Nos.) from Government schools
- x. Organizing science tours for students of Government schools
- xi. Conduct of science quiz among school and college students in association with Doordharshan Kendra
- xii. Summer camp training in computer for school students
- xiii. Two posts of Scientific Officer (Group 'B') will be created.
- xiv. Land will be acquired for setting up of Bio-technology Park.

4. Remarks : Continuing scheme