



ADMINISTRATION REPORT
OF
THE GOVERNMENT MUSEUM, MADRAS
THE NATIONAL ART GALLERY, MADRAS
THE GOVERNMENT MUSEUM, PUDUKKOTTAI
AND
THE CONNEMARA PUBLIC LIBRARY
(Exchange Section), MADRAS
FOR THE YEAR
1966-67

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GOVERNMENT OF MADRAS
1968

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GOVERNMENT OF MADRAS
1968

ADMINISTRATION REPORT FOR 1966-67.

GOVERNMENT MUSEUM, MADRAS.

General.

Distinguished visitors.—The following distinguished visitors visited the Government Museum and the National Art Gallery, Madras during the period under report :—

1. Shri N. Kailas, Deputy Minister for Education, Maharashtra State.
2. Mr. J. A. Patterson, American Association of Museums, Washington, United States of America.
3. Mr. Robert Erskine, British Broadcasting Corporation, London, United Kingdom.
4. Dr. H. P. Summids, University Lecturer from Germany.
5. Shri Seizo Hinata, Ambassador of Japan.
6. Shri G. S. Srinivasan, I.A.S., Mayore State.
7. Mr. Petre Boedt, Rumania.
8. Mr. Clement Greenberg, Art Critic from United States of America.

They were received by the Director, Assistant Director and the Curators and shown round the various galleries of the Museum.

Special Exhibitions.—The following special exhibitions were arranged during the year at the Government Museum, Madras :—

1. Some Foreign Shells (Zoology section).
2. The Ethnographic and Prehistoric Materials from Belgian Congo (Anthropology section).
3. New additions of selected framed tribal photos (Anthropology section).
4. New additions of bronzes and wood carvings (Archaeology section).
5. Ship Model (Children's section).
6. "Clays" Terracotta clay (Geology section).
7. Toys and children's books from German Democratic Republic.
8. Colour Reproductions of European Masters of Painting (acquired from the Pallas Art Gallery, London) (Archaeology section).

Popular lectures on Museum subjects.—A scheme of popular lectures by the Museum staff on selected topics bearing on the fields covered by the Museum for the benefit of college students, scholars and the general public was launched during the period and the following lectures were delivered under this programme :—

1. "Why study coins" by Thiru P. N. Mohandas, Assistant Director of Museums.
2. "Plant collection grounds" by Thiru M. S. Chandrasekhar, Curator, Botany section.
3. "Fibrous Minerals" by Thiru E. George Jesudossan, Curator, Geology section.
4. "Crocodiles, Alligators and Gharials" by Thiru G. Kesavaram, Curator, Zoology section.
5. "The Status of Women in Tribal Society" by Selvi D. Amruthalakshmi, Curator, Anthropology section.
6. "Indian Painting through the Ages" by Thiru V. N. Srinivasa Desikan Curster, Archaeology section.
7. "Preservation of Bronzes" by Thiru S. Thangavelu, Curator, Chemical Conservation section.

8. "Venomous creatures of the sea" by Dr. S. T. Satyamurti, Director of Museums.

9. "Science in Archaeology" by Thiru N. Sankaranarayana, Assistant Curator, Archaeology section.

10. "The Coinage of the Guptas" by Thiru P. N. Mohandas, Assistant Director of Museums.

11. "Some Superlatives in Plants" by Thiru M. S. Chandrasekhar, Curator, Botany section.

Museum Demonstrations.—As in the previous year, demonstrations to the teachers of the local high schools were conducted during January and March 1967, for the benefit of the teachers in various local high schools in the Museum galleries on Saturdays. The object of these demonstrations was to enable the teachers to guide their pupils round the galleries.

Audio-visual Aids.—Sale of the miniature bronze replicas of Rama and Sita and Nataraja and the electro-plated metal casts of coins was continued as usual during the year. Sale of picture post-cards, photographs and photographic albums was also continued.

Re-organisation and Development of the Museum.—The newly organised Philately Gallery in the newly constructed hall on the first floor adjacent to the Botany Gallery was thrown open to the public during the year.

The display and installation of the exhibits pertaining to Economic Geology was continued in the modernized, internally illuminated, built-in show-cases along the centre in the Geology Gallery.

Plans and estimates for the modernization of the skeleton, reptiles, wood-carvings, musical instruments and anthropological galleries were prepared and got ready for inclusion in the Fourth Plan schemes of reorganisation.

Museums Camp.—The Director attended the Museums Camp held at the National Museum, New Delhi on November 17th and 18th, 1966 and delivered a series of two lectures on the "Organization and Administration of Museums with special reference to their Educational work" to the participants of the Camp. The Curator for Archaeology and the Curator, Government Museum, Pudukkottai also attended the camp as participants.

Museum Advisory Committee.—Two meetings of the Museum Advisory Committee were convened during the year, one in July 1966 and another in March 1967.

National Art Gallery Committee.—A meeting of the National Art Gallery Committee was convened in April 1966 for the selection and purchase of paintings and art objects for the National Art Gallery.

Miscellaneous Committees.—The Director attended the meetings of the Committee for the Survey of Historical Records, the Madras State Small Scale Industries and Handicrafts Board and the General Council of the State Lalit Kala Akademy held during the year as an official member.

Government Museum, Pudukkottai.—The Director inspected the Government Museum, Pudukkottai in August, 1966 and submitted his Inspection Report to Government, embodying his suggestions for its improvement.

Padmanabhapuram Palace and Museum of Antiquities.—The Director inspected the Padmanabhapuram Palace and Museum of Antiquities jointly with the Director of Archaeology, Kerala State, during October 1966 and submitted his Inspection Report to Government, embodying his suggestions.

Publications.—The following publications were brought out by the Museum during the year :—

- (1) The Glaciation and the Prehistoric Ages by M. D. Raghavan.
- (2) Guide to the Principal Exhibits in the Government Museum, Pudukkottai by M. S. Chandrasekhar, Curator, Botany section.
- (3) The Dowlaishwaram Hoard of Eastern Chalukyan and Chola coins by T. Balakrishnan Nair.

The following publications were in the press during the year :—

- (1) Descriptive Catalogue of Butterflies in the collection of the Madras Government Museum by S. T. Satyamurti, Director of Museums.
- (2) South Indian Amphibia in the collection of the Madras Government Museum by S. T. Satyamurti, Director of Museums.
- (3) Guide to the Invertebrate Galleries by S. T. Satyamurti, Director of Museums.
- (4) Guide to the National Art Gallery by V. N. Srinivasa Desikan, Curator for Art and Archaeology.

ZOOLOGY.

I. Additions to collections—

1. Four colour relief models in plastic (size 100 cms. by 70 cms.).
2. The Spotted-billed Pelican (young) (*Pelicanus philippensis*).
3. Skin of Pangolin or Scaly Anteater (young) (*Manis crassicaudata*).
4. The Hump-nosed Viper (*Ancistrodon hypnale*).
5. The Rat Snake (*Ptyas mucosus*).
6. Skin of Sloth Bear (*Melursus ursinus*).
7. Skin of Peahen (*Pavo cristatus*).
8. Skin of Mouse Deer (*Moschiola meminna*).
9. Skin of Peacock (without tail feathers) (*Pavo cristatus*).
10. Skin of Amherst Pheasant (*Chrysolophus pictus*).
11. Skin of Silver Pheasant (*Gennaues nycthemerus rufipes*).
12. The Large Brown Flying Squirrel (*Petaurista philippensis*).
13. Articulated skeleton of Common Indian Monitor (*Varanus monitor*).
14. The Adjutant Stork (*Leptoptilos dubius*).
15. A collection containing 51 grasshopper specimens.
16. Two rostra of Saw Fish (*Pristis* sp.).

II. Additions to the Galleries—

1. The Barheaded Goose (*Anser indicus*).
2. The Shoveller or Spoonbill Duck (*Spatula clypeata*).
3. The Spot-bill (*Anas poecilorhyncha*).
4. The Jungle Bush Quail (*Perdica asiatica*).
5. Some selected Foreign shells.
6. The Spotted-billed Pelican (*Pelicanus philippensis*).
7. The Humpnosed Viper (*Ancistrodon hypnale*).
8. The Large Brown Flying Squirrel (*Petaurista philippensis*).
9. An articulated skeleton of Common Indian Monitor (*Varanus monitor*).

Fish, Amphibian and Reptile Galleries—Improvements to the galleries.—The stained portions on the ventral surface of the Whale Shark were touched up with white paint in the Fish Gallery. Two table centre cases were refixed properly to the walls in the Amphibian Gallery. Some of the detached bones of the old skull of Viper and Python were refixed in their natural positions and re-exhibited in the Reptile Gallery. The old and discoloured specimen of Humpnosed Viper was replaced in this Gallery by a fresh one received from the State Wild Life Officer. The old skull of the crocodile was renovated and re-exhibited in the Reptile Gallery. The head of the Gharial was re-exhibited after the treatment was given to the teeth of the same.

Bird and Mammal galleries.—The beaks of the specimens of Pelican were touched up with colours to give a natural appearance and these birds were re-exhibited inside one of the systematic cases in the old Bird Gallery. The old specimen of the Sloth Bear standing on two hind legs was renovated and re-exhibited in the Mammal Gallery. The Sealion was renovated and re-exhibited in the same Gallery.

Invertebrates and General galleries.—The detached legs of the lobster specimen were refixed with 'Quickfix' and re-exhibited in the Invertebrate Gallery. The show-case containing the African Bustard was provided with a cream coloured painted background in the Foreign Animals Gallery. Two slopping cases containing the dental parts of herbivorous, carnivorous and omnivorous animals in the Skeleton Gallery were provided with newly prepared painted pedestals and the specimens were arranged and displayed along with newly printed and calico bound labels. The worn out lower portions of the pillars in the skeleton gallery, were repaired and repainted. The two tusks of the skull of the Indian elephant were re-exhibited in this gallery after cleaning and renovating them in the section.

The routine weekly gallery checking of the galleries by the Curator, dusting of the interior of show-cases, provision of naphthalene balls, replacement of broken glass panes with good ones, cleaning of glass panes of show-cases, rectifying minor defects, refilling, bladdering and painting of the gallery specimen jars and provision of lysol and camphor plugs and powdered naphthalene for the gallery insect cabinets and exhibition boxes were continued during the year.

Touching up of the old painted labels fixed on to the show cases in the Mammal Gallery, Invertebrate Galleries, etc., was continued. The old discoloured explanatory labels placed inside the show case were replaced by newly printed ones in several galleries. Three large explanatory labels which were discoloured and old were replaced by newly printed ones and put up in the Skeleton Gallery after fixing them inside the wooden frames.

Preservation of Reserve collections.—Personal attention was given by the Curator to the thorough cleaning and replenishing with fresh preservatives (rectified spirit or formalin as the case may be), of the large number of reserve collection jars. Old washers of the Kilner jars were replaced by new ones. Fresh labels written in Indian ink were pasted on the jars wherever the old labels were found defaced, discoloured and moth-eaten. The cabinet drawers and boxes containing reserve collections of dry preserved insects, crabs, shells, etc., were systematically provided with fresh lysol and camphor plugs and the glass panes of the Insect Cabinet drawers were thoroughly cleaned while giving the preservatory treatment to the specimens. Provision of naphthalene balls and spray of 'tik-20' was carried out systematically for the cupboards and drawers containing reserve collection boxes of dry preserved shells, corals, etc. The reserve collection of Bird skins was examined periodically and provided with naphthalene powder and spray of 'tik-20'.

Research and Publications—

1. The Guide to the Invertebrate Galleries by the Director was under publication.
2. The Guide to the Bird Galleries by the Director was under preparation.
3. The Bulletin on South India Butterflies by the Director was under publication.

4. The Bulletin on South Indian Amphibians by the Director was under publication.

5. The Director continued his systematic research work on South Indian Coastal Echinoderms.

6. The Curator continued his research work on Grasshoppers (Fam : Acrididae).

Educational work.—1. A special exhibition of some selected Foreign shells was arranged during the months of May and June 1966.

2. A lecture on 'Crocodiles, Alligators, Gharials, etc.' was delivered by the Curator to the public and the City College students on 17th August 1966.

3. Short term training in Taxidermy was given to four Attenders from different Colleges both from the City and Mofussil during the latter half of May 1966.

4. Film shows were arranged by the Fisheries Department during the last week of August 1966 in connection with the celebration of "Fisheries Week".

5. A practical demonstration was arranged for the Inservice Training Course teachers on 15th October 1966.

6. A group of about 50 members belonging to Inservice Inspectors of Schools were taken round the galleries and a practical demonstration showing the killing, skinning, stuffing and mounting of a pigeon was also conducted.

7. Museum demonstration for school teachers was conducted on 18th February 1967.

8. Dr. Chacko, Deputy Director of Fisheries was helped while identifying a sinistral shell, *Pyrula perversa*.

9. Nine shell specimens received from Mr. V. S. David, Scott Christian College, Nagercoil, were identified and returned.

10. Four nudibranch specimens were identified and returned to the Research Officer, Department of Fisheries, Jamnagar.

11. Dr. J. P. Harding, Keeper of Zoology, British Museum (Natural History) was shown the collections both in the galleries and in the reserve collection.

12. Mr. Murthy from Zoological Survey of India, Madras Regional Branch was allowed to examine the Amphibian collections.

13. Sri S. M. Nair, Lecturer in Museology, Baroda University studied the Zoological galleries on 31st October 1966.

14. Mr. P. D. Sud, Research Scholar (Museology) was shown the Accession register, Index cards and other registers maintained in the section.

15. Some nudibranch specimens received from Mr. M. S. M. Sahubar Hussain, Department of Zoology, V.O.C. College, Tuticorin were identified and returned to the party.

16. Mr. R. Gopalakrishnan, Senior Chemical Assistant from King Institute, Guindy was helped in identifying two specimens of scorpions in connection with his research work.

Photographs added during the year.—Twenty-seven photo negatives were added.

Plans for the year 1967-68—

1. Renewal of old rim locks for show cases in different Galleries.

2. Renewal of old and faded diagrams in the Invertebrate Gallery.

3. Publication of a set of picture post-cards.

4. Enlarged wax models of some insects will be prepared and exhibited in the Invertebrate gallery.

5. Dry collection of Fishes may be painted to give a natural appearance.

6. New show case to be made for displaying the Adjutant stork.

7. Picture frames to be made for mounting pictures of Birds and photographs of wild animals.

8. Research work on Echinoderms will be continued by the Director.

9. Research work on Grasshoppers (Fam : Acrididae) will be continued.

BOTANY SECTION.

New additions to the collections (including reserve).—Samples of forty-four important commercial timbers of India, a set of models of ten different kinds of inflorescences, seven sets of models of other botanical topics, as well as three enlarged models of *Mucor mucedo*, *Arum spadix* and typical *Angiosperm* leaf were purchased.

Ten sets of yarn of cotton, silk and wool and two sets of yarn of cotton and silk and ten sets of yarn of silk and wool and one sample of cotton yarn and five samples of woollen yarn—all dyed with vegetable raw materials were procured from the **Kalakshetra Dye Research Laboratory, Tiruvanmiyur** in exchange for 24 herbarium specimens.

Raw materials of thirty-seven vegetable dyes, one teratological specimen of brinjal (showing polycarpy) and forty-one specimens for the herbarium were collected and added. A sketch to illustrate the extraction of cork from the Cork Oak (*Quercus suber*) was prepared in the Section. Seven samples of yarn of silk and four of cotton and wool were got dyed with our vegetable raw materials at the **Kalakshetra Dye Research Laboratory at Tiruvanmiyur**.

Ten miniature models of agricultural implements were received free of cost from Thiru John Plough Works, Melur, Madurai district.

New additions to the galleries.—One teratological specimen of brinjal (showing polycarpy) and models of *Spirogyra* (single cell), Lichen (life-history set), *Marchantia* (habitat group), *Arum spadix* (with and without spathe), *Sargassum* (life-history set), *Angiosperm* leaf (showing sectional views) and *Mucor mucedo* were the additions to the exhibits in the Systematic Botany gallery.

Improvements to the galleries.—The exhibits of models of the trap-mechanism of *Dionaea muscipula* and pitchers of *Nepenthes distillatoria* and *Sarracenia purpurea* were renovated in the Systematic Botany Gallery. Two wall cases containing the exhibits of the Ganja Plant (*Cannabis sativa*) were repaired and all the old and defective locks of vertical cases were renewed. Three of these show-cases were also repolished.

In the Economic Products Gallery the built-in show-case containing the exhibits of Millets and Pulses was treated for keeping off ants.

Labelling and preservation.—The jars of wet specimens of *Torenia bicolor*, *Piper nigrum* and *Pouzoulzia wightii* were renewed in the Systematic Botany Gallery.

Preservation of 44 specimens of important commercial timbers of India and a local specimen of moss was attended to. Both preservation and mounting of 50 newly-collected specimens for the herbarium as also one teratological specimen of brinjal for the gallery were attended to. Enlarged models of *Spirogyra* cell, *Mucor mucedo*, *Angiosperm* leaf and *Sargassum* life-history were suitably modified and 23 samples of yarn (coloured with vegetable dyes), four samples of vegetable mordants and 21 samples of vegetable tanning materials were neatly mounted for display.

One painted label of *Piper nigrum* in the Systematic Botany Gallery and three cut-out labels of the built-in cases in the Economic Products Gallery were renewed. Sixty-nine bilingual labels were printed for the new acquisitions and legends were neatly painted for four photographs in the Album.

Index cards were prepared for 1,623 herbarium specimens in the reserve collections.

The Museum garden saw an addition of 5 saplings of the Drooping Asoka beside the flights of steps and porticos of the front buildings and some flaxes, marigolds and cannas in the plot between the Pond and the Director's quarters during the Vana Mahotsava. Besides these, flower-beds of salvia, marigold, sunflower, zinia, balsam and cosmos were also raised.

Research.—Fifty-four herbarium specimens and twelve old specimens of sea-weeds in the reserve collections were identified.

The manuscripts of the work on ferns were revised in the light of the latest literature that was made available (on loan) by the Botanical Survey of India, Calcutta; and the technical terms used therein were standardised. Preparation of a glossary for this work was almost completed, when the period under review drew to a close.

A paper entitled "Preservation of Dry Fruits and Seeds with Colour," was contributed to the *Studies in Museology*.

Writing up the manuscripts of a guide to the Economic Products Gallery was completed.

The Curator undertook a tour to the Agricultural College and Research Institute, Coimbatore and worked out and framed proposals for organising a permanent central full-fledged exhibition for that Institute, jointly with Thiru V. H. Bedekar and Thiru W. Cosmero (both of the M.S. University of Baroda).

Publications.—A paper entitled "Cinderella of the Natural History Museums" was published in the *Studies in Museology*.

Additions to the Sectional Library were "Mosses of the Eastern Highlands, New Guinea from the 6th Archibold Expedition, 1959" by E. B. Bartram; "Annals of the Missouri Botanical Garden", Vol. LII, No. 1, 1965; "A Monograph of Lemnaceae" by E. H. Daubs; and "An Annotated check list of the Flora of Swaziland" by R. H. Compton.

Lectures.—Two lectures on "Botany in Indian Museums" were delivered by the Curator, Sri M. S. Chandrasekhar, to the students of Museology in the M.S. University of Baroda. Two demonstration talks to two batches of teacher-educators and in-service trainees of the State Institute of Education, Madras and a demonstration lecture to a batch of high school teachers in the public galleries were also delivered by him.

Facilities to research-workers and others.—Facilities to research workers and others were afforded as usual, some of the chief beneficiaries being the Coffee Board, Mysore; Sri S. C. Gupta of the Road Research Institute, Delhi and Sri S. M. Nair of the M.S. University of Baroda.

Photographs added.—Four photographs of the newly-acquired plastic relief models illustrating botanical topics, were prepared and added. Five strips of 35 mm. still films depicting "The Plant Kingdom, Part I," "The Plant Kingdom, Part II," "Animal Kingdom," "Kheddah operations" and "The Elephant in Indian Art and Sculpture" were procured free of cost from the Visual Information of India, Limited, Madras and five such strips depicting "The Flower," "The Fruits," "Epiphytes and Parasites," "Special Modes of Nutrition" and "Life-history of Butterfly" were purchased from the same firm. Impressions of 35 printing blocks of the "Guide to the Principal Exhibits in the Government Museum, Pudukkottai" were prepared and added.

Future plans for 1967-68.—Specimens for the herbarium for a few proposed dioramas will be collected.

Samples of 44 important commercial timbers of India will be exhibited in the Botany Galleries, re-arranging the present series of timber exhibits to the extent necessary. Arrangements will also be made for the exhibition of models of plant parts of morphological interest. A number of raw materials of vegetable dyes and samples of yarn dyed with them, will be exhibited in the Economic Products Gallery, re-arranging the present collections.

The show-cases housing the smaller timber specimens at present and the central part of the Economic Products Gallery will be modernised. The defective knobs of the herbarium drawers in the Systematic Botany Gallery will be replaced by better devices.

Labelling and preservation will be attended to according to the need that may arise from time to time. The "Tea" map in the Economic Products Gallery will be renewed.

A revision of the "Flowering Plants of the Madras City and its Immediate Neighbourhood" by P. V. Mayuranathan will be undertaken.

A bulletin on ferns, a brief guide to the Economic Products Gallery and six picture post cards of some common Madras fruits will be published.

A special exhibition of miniature models of agricultural implements will be conducted.

Photographs of select plants in their natural environs will be prepared for promoting diorama work in the section.

GEOLGY.

Additions to the collection.—(1) Two varieties of stoneware clay specimens were received from the Stoneware Pipes (Madras) Limited, Tiruvallore.

(2) Bentonite clay was received from the Superintending Geologist, Geological Survey of India, Madras.

(3) Specimens of brick clay and six miniature tiles and six paper weights made from that clay were received from Sri Krishna Tiles and Potteries (Madras) Private Limited, Madras-49

(4) Thirteen photographs pertaining to glass manufacture were received from the Scientific Glass Apparatus Factory, Guindy.

(5) Five specimens of steatite with tale were collected and added.

Improvements to the galleries.—Pellets and curtains were provided for fifteen windows in the gallery. The purpose of the curtains is to cut off the glare seen on the glass panes in the central modernised show-cases. Plaster models of some minerals were prepared and exhibited in the modernised show-cases. Re-organising the Economic Geology Galleries was continued. The bottom portion of the wall show-cases pertaining to building stones was being panelled with teak faced plywood. Coloured charts on Folds were being prepared, for replacing the old charts on the same. Two fossil specimens were re-mounted on their plank and re-exhibited in the gallery as they had fallen off from their planks. Teak-wood trays were provided for some of the rock and mineral specimens in the reserve collections. Rain drop stains in some of the show-cases and the dirty glass panes in the gallery were cleaned.

Labelling and preservation.—Bilingual teak-wood cut-out captions were provided for the central modernised show-cases and they were painted with cream-coloured paint. Labelling the exhibits in the central modernised show-cases was continued. Bilingual descriptive label was provided for the exhibits pertaining to Refractories. Three index labels, one each for Rocks, Minerals and Fossils, were re-fixed in the gallery with brass clamps. Four specimens of rock salt were preserved and re-exhibited in the gallery. Naphthalene balls were distributed in the show-cases and in the drawers and cupboards containing reserve collections.

Facilities to research workers and others.—1. Dr. Franc R. Joubin, the Canadian expert on base metals, was given facilities for studying the core samples containing ores of copper, lead and zinc.

2. The bauxite specimens in the gallery were shown to Mr. Sabu Jeans, a bauxite expert from France.

3. Facilities were afforded to Mr. S. M. Nair, Lecturer in Museology, University of Baroda and to Mr. P. D. Sud, a research worker on Museology, for studying display, documentation, etc.

4. The exhibits in the gallery were explained to two groups of officers undergoing inservice training.

5. Four specimens sent by the Proprietor of Sri Krishna Match Works, Sivakasi, for identification were identified.

6. A mineral specimen brought by Sri P. Rajagopalan from Salem was identified.

Photographs added—

- (1) Seventeen photographs pertaining to iron manufacture.
- (2) Eighteen photographs pertaining to ceramic manufacture.
- (3) Manganese ore quarry at Kodegaon, Nagpur district.
- (4) *Bullinus prinsepii*.
- (5) *Pleurotomaria* sp.
- (6) Ammonite.
- (7) Bivalve shells embedded in rock.
- (8) Display of Gem Stones.
- (9) Display of Building Stones (Polished slabs).
- (10) Display of Minerals (Oxides).
- (11) General view of the modernised show-cases with specimens.

Tours.—The Curator undertook a tour to Omalur taluk, Salem district to collect specimens of steatite and to study the area in which it occurs.

He also undertook a tour to Tiruvallore and brought two varieties of stoneware clay specimens which were presented by the Stoneware Pipes (Madras), Limited, Tiruvallore.

Plans for 1967-68.—Panelling the bottom portion of the wall show-cases pertaining to Building Stones will be completed and the specimens of Building Stones will be exhibited in this show-case. Efforts will be made for importing ultra-violet bulbs for re-working the fluorescent unit. Tube lights are to be provided for the gallery. Re-organising the Economic Geology Gallery is to be completed. Efforts will be made for providing a Fire Extinguisher in the Geology ante-room. It is proposed to collect a specimen of pyrrhotite.

ANTHROPOLOGY.

Additions to the collections.—1. The following Ethnographic materials were added to the collection:—

(a) A descriptive colour chart of the 'Primate Family Tree', to illustrate the evolution of man was prepared by the Artist Modeller, Government Museum, Madras.

(b) Four stringed puppets of Orissa and Hyderabad types were purchased for Rs. 240 from Srimathi S. Seethalakshmi, Puppeteer, Madras.

(c) Thirteen photographs (15 inches by 12 inches) depicting the life and customs of Juang, Bondo and Saora tribal groups were purchased from the Assistant Director Tribal Research Bureau, Bhubaneswar, Orissa, for Rs. 122.50 P.

2. The following pre and proto-historic materials were added to the collection:—

(a) One hundred and twenty-five potsherds of Atranji-khera Excavations were received on exchange from Shri R. C. Gaur, Department of History, Aligarh Muslim University, Aligarh, Uttar Pradesh.

(b) A black ware spouted water jug from Upper Amazon was received as a gift from Miss E. G. Merston, Tiruvannamalai, North Arcot district.

(c) Forty-three stone tools of Palaeolithic Age were collected by the Curator while on an exploration tour to Attirampakkam, Poondi, Nambakkam, Vadamadurai, Manjankarunai and Erumaivettipalayam in Chingleput district.

3. The following arms were added to the collection :—

(a) Two photographs (8 inches by 6 inches) depicting a metal weapon and a fragment of Emden shell fired from German Cruiser were purchased from the Superintendent, Archaeological Survey of India, Southern Circle, Madras, for Rs. 9.60 P.

(b) One iron sacrificial chopper with an inscription was purchased from Sri M. C. Sundaram, Madras, for Rs. 30.

4. The following treasure trove item was added to the collection :—

(a) One treasure trove cannon from Villupuram, South Arcot district was acquired for Rs. 500.

Work in the galleries.—Renovating the ceiling in front of the Kathakali gallery verandah and providing new decorated tin sheets to the same were completed by the P.W.D. Replastering the walls in the Prehistory, Ethnology, Musical Instruments and Arms galleries was attended by the P.W.D. Converting the vacant space below the stair-cases in the front building into suitable store and reserve collection rooms is being attended to by the P.W.D. A few vertical cases in the Arms and in the Musical Instruments galleries were coated suitably with pale cream colour paint to give relief to the objects. Ten photographs of the tribes from Nagaland and NEFA area were framed and displayed in the Musical Instruments gallery. The colour descriptive chart “The Primate Family Tree” was displayed in the Physical Anthropology gallery. New sign boards for the outdoor cannons were prepared and refixed.

Preservation of reserve collections.—About one hundred and seventy-one objects of Ethnography, Musical Instruments and Arms were chemically treated.

Training and lectures.—The Acting Curator delivered twelve lectures on Prehistory and South Indian Ethnology to the students of the diploma course in Anthropology, Madras University. The Acting Curator also delivered a lecture on the “Status and role of women in tribal communities” under the popular lecture scheme of the Museum.

The officiating Curator underwent a training in Museology at the M.S. University of Baroda for about eight months.

Facilities to research workers.—Research facilities were rendered to the following :—

- | | |
|--|---|
| 1 Sri C. J. Jayadev, Madras | Tali rite. |
| 2 Mr. Geoffrey R. Burkhart, Research Scholar, University of Rochester, New York. | Hindu Caste Organisation in Salem District. |
| 3 Sri M. Subramaniam, Music Academy, Madras-4. | Indian Musical Instruments. |
| 4 Sri D. Natarajan, Compiler, Madras Record Office, Madras-3. | Stone implements. |
| 5 Sri M. V. Ramenamurthy, Central Leather Research Institute, Adyar, Madras. | Malayan Leather-shadow Play figures. |
| 6 Sri James Ratnam, Colombo, Ceylon .. | Adichanallur megalithic site skulls. |
| 7 Sri K. Sankunni Menon, Lecturer, N. S. S. Training College, Ottapalam, Kerala. | Microfilming documents. |
| 8 Mrs. Miller, U. S. A. | Microfilming documents. |
| 9 Mrs. K. Rao, Lecturer, Stella Matituna Training College, Madras. | Stone tools and Anthropometric Instruments. |
| 10 The students of Archaeology, School of Archaeology, New Delhi. | Foots collection. |

11 Shri S. M. Nair, Lecturer in Museology, M. S. University of Baroda.	Stone implements and Ethnology.
12 Miss Ratna Fabri, All-India Handicrafts Board, New Delhi.	Musical Instruments.
13 Shri L. A. Krishna Iyer, Palghat-1	Documentary prints.
14 Prof. P. I. Boriskovsky, Director of the Institute and Palaeolithic Studies, Academy of Sciences, U.S.S.R. Leningrad.	Foot collection.
15 Dr. S. C. Mukerji, and Shri D. K. Chakra- varthy, Archaeological Survey of India, West Bengal.	Foot collection.
16 Dr. Nathan Glazer, Sociologist, U.S.A. ..	Ethnology.
17 Dr. (Mrs.) Stopkova, Numismatist, Czechoslo- vakia.	Jewellery.
18 Mrs. Laxmi, Stella Matituna Training College, Madras.	Mohenjo-daro exhibits.
19 Miss. Anuradha, Statistician, Stanley Medical College, Madras.	Facit Calculation.
20 Shri K. D. Banerjee and Shri Lal, Archaeolo- gical Survey of India, Nagpur-1.	Palaeoliths.
21 Mr. Greenberg Clement, U.S A. ..	Ethnology.
22 Mr. Krzyszal K. Wolski, Curator of Ethno- graphic Museum in Krakow, Poland.	Ethnology.
23 Mrs. Vinla Begley, University Museum, University of Pennsylvania, Philadelphia, Pa. U.S.A.	Magalithic potteries.

Research and Publication.—

1. A bulletin on the "Glaciation and the Prehistoric Ages" by Sri M. D. Raghavan was published.
2. Research papers on "The Mudugas of Attapady" and "The South Indian Tali Rites" were under preparation by Sri C. J. Jayadev, for publication as Bulletins of this Museum.
3. Two catalogues, one on the collections of Arms and another on the puppets were being prepared by the Assistant Curator and the Curator respectively.

Photographs added.—Three full size, thirty-five half size, two quarter size and twenty-eight 2¼ size negatives were prepared during the year and sixty-eight photographs were added to the sectional album.

Miscellaneous.—Two thousand five hundred and fifty-nine Index cards were written during the year and forty-three books were added to the Sectional Library.

Plans for the year 1967-68—

1. Arranging a special exhibition of leather shadow-play figures.
2. Providing descriptive labels for the Musical Instruments Gallery.
3. Bringing out six coloured picture post-cards of Kathakali and folk art.
4. Single glass-panes for both sides of the Introductory case in the Prehistory gallery.
5. Organizing a gallery for leather shadow-play figures.
6. Completion of storage rooms underneath the stair-case in Front Building with proper lights.
7. Continuing the preparation of the catalogue of the Arms Gallery.
8. Publishing Sri Jayadev's paper on "Tali Rites".

NUMISMATICS.

New additions—(A) Treasure Trove.—(1) One gold pagoda and two silver rupee coins of Tipu Sultan of Mysore and three silver Mughal rupee coins from Pattanam village, Rasipuram taluk. Salem district.

(2) Eight silver rupee, twelve silver half-rupee, twenty-two silver quarter-rupee coins, fifty-seven nickel two-anna and forty nickel one-anna coins of British India from Madur village, Kallakurichi taluk, South Arcot district.

(3) Two silver rupee coins of William IV and ninety-six rupee, four half-rupee and four quarter-rupee coins of Queen Victoria from Eyyanur village, Kallakurichi taluk, South Arcot district.

(4) One gold South Indian *pagoda* from Pambappatti village, Nilakkottai taluk, Madurai district.

(5) Thirteen silver rupee coins of William IV, Eighty-eight silver rupee coins of Victoria and twenty-three silver Indo-British Arcot rupee coins from Kalaikkavaikanpetti village, Palani taluk, Madurai district.

(6) Eight gold Indo-British single swami pagoda from Ponneri village, Harur taluk, Dharmapuri district.

(7) Fifteen gold Indo-British old Star pagodas, Harur village, Harur taluk, Dharmapuri district.

(B) *Purchase*.—(1) Two thousand and seventy-four old postage stamps from Sri A. G. Rao, Madras.

(2) One gold, four silver, ninety-four copper, eight lead and one potin coins belonging to various Indian dynasties, Chola, Satavahana, ancient India, Vishnu-Kundin, early Ceylon, Pandya and Indo-British, Indo-Dutch, Indo-French and Indo-Portuguese from Sri S. T. Srinivasagopalachari, Madras.

(3) Three base silver and twenty-eight copper South Indian coins—Chola, Pandya, Vijayanagar, Chera and Konguchera from Sri S. Ramaswamy, New Delhi.

(4) Two sets of electro-plated casts in each of 250 selected South Indian coins prepared by the Museum.

(C) *Gift*.—(1) Three old letters with stamps of Queen Victoria and three Victoria stamps by the Director, French Institute of Indology, Pondicherry.

(2) Sixteen postage stamps of Mauritius from Sri Kadres Venkatachalam, student from Mauritius.

(3) One postal cover with a stamp of George VI from Sri S. T. Srinivasagopalachari, Madras.

(4) One silver coin of Pratapaditya of Kashmir, two silver alloy coins—One of Vighrahapala and the other Adivaraha Gramma—Two silver rupee coins of Pratapgarh State, one billon coin of Muhammad bin Sam (Delhi Sultan) and one silver coin of Carol III of Spain—Part of treasure trove from Rampur village, Rampur taluk, Rampur district, Uttar Pradesh—Distributed free by the Uttar Pradesh Coins Committee, Lucknow.

(5) A silver trowel presented to Sri O. P. Ramaswamy Reddiyar, Chief Minister of Madras during the inauguration ceremony of the Madras Co-operative House Construction Society on 23rd January 1948 (from the Gandhinagar Co-operative House Construction Society, Madras).

Work in the Section.—The coins acquired during the year and all the treasure trove hoards received were examined and a number of new additions were accessioned. Electro-plated casts of two hundred and fifty (250) selected South Indian coins were prepared for display in the proposed new Numismatics Gallery.

Facilities to Research Workers and others.—The Assistant Director of Museums, who is in-charge of the coins collection in this Museum was deputed by the Government to classify the coins collection in the Sri Meenakshi Sundaresvarar Devasthanam, Madurai and at the request of the Government of Kerala to Trivandrum to classify the coins collection in the Government Museum, Trivandrum.

Publications and Research.—The Bulletin "The Dowlaishwaram hoard of Chola and Eastern Chalukyan coins" by Sri T. Balakrishnan Nair was released. Research work on the South Indian copper coins of the Nayak period was continued during the year.

Photographic Negatives added.—One full and five quarter-size photographic negatives were added.

Plans for the year 1967-68.—It is proposed to organise a Numismatic gallery and display therein the electro-plated casts of South Indian coins already prepared along with photographs, charts, etc.

ARCHAEOLOGY.

Additions to the collections.—The following were added during the period under review.

By Treasure Trove—

(a) Bronzes—

- 1 Somaskanda, Sirukattur, Chidambaram taluk, South Arcot district.
- 2 Chandikesvara, Sirukattur, Chidambaram taluk, South Arcot district.
- 3 Devi (standing), Sirukattur, Chidambaram taluk, South Arcot district.
- 4 Sundaramurti, Sirukattur, Chidambaram taluk, South Arcot district.
- 5 Tirugnanasambandha, Sirukattur, Chidambaram taluk, South Arcot district.
- 6 Vishnu, Melnedumbur, Chidambaram taluk, South Arcot district.
- 7 Devi, Melnedumbur, Chidambaram taluk, South Arcot district.
- 8 Kaliyakrishna, Melnedumbur, Chidambaram taluk, South Arcot district.
- 9 Tiruvasi (broken into three pieces), Melnedumbur, Chidambaram taluk, South Arcot district.
- 10 Vishnupadukai, Melnedumbur, Chidambaram taluk, South Arcot district.
- 11 Somaskanda (broken into 10 pieces), Pukkarambai, Pattukkottai taluk, Tanjore district.
- 12 Vishnu (standing), Krishnapuram, Kumbakonam taluk, Tanjore district.
- 13 Vishnu (standing), Krishnapuram, Kumbakonam taluk, Tanjore district.
- 14 Devi (standing), Krishnapuram, Kumbakonam taluk, Tanjore district.
- 15 Vishnu (seated), Krishnapuram, Kumbakonam taluk, Tanjore district.
- 16 Devi (seated), Krishnapuram, Kumbakonam taluk, Tanjore district.
- 17 Devi (seated), Krishnapuram, Kumbakonam taluk, Tanjore district.
- 18 Vishnu (standing), Krishnapuram, Kumbakonam taluk, Tanjore district.
- 19 Devi (broken into three pieces), Varaganeri, Lalgudi taluk, Tiruchirappalli district.
- 20 Ayyanar, Inam Kolathur, Trichy town, Tiruchirappalli district.
- 21 Ayyanar, Inam Kolathur, Trichy town, Tiruchirappalli district.
- 22 Ayyanar, Inam Kolathur, Trichy town, Tiruchirappalli district.
- 23 Ayyanar, Inam Kolathur, Trichy town, Tiruchirappalli district.
- 24 Devi (standing), Inam Kolathur, Trichy town, Tiruchirappalli district.
- 25 Worshipper, Inam Kolathur, Trichy town, Tiruchirappalli district.
- 26 Worshipper, Inam Kolathur, Trichy town, Tiruchirappalli district.
- 27 Siva as Sukhasana, Udayavarkoilpattu, Mayavaram taluk, Tanjore district.
- 28 Parvati, Udayavarkoilpattu, Mayavaram taluk, Tanjore district.
- 29 Ganesa, Udayavarkoilpattu, Mayavaram taluk, Tanjore district.
- 30 Tirugnanasambandha, Udayavarkoilpattu, Mayavaram taluk, Tanjore district.
- 31 Devi (standing), Udayavarkoilpattu, Mayavaram taluk, Tanjore district.
- 32 Ganesa (dancing), Kottarai, Perambalur taluk, Trichy district.
- 33 Nataraja, Kottarai, Perambalur taluk, Trichy district.
- 34 Ganesa (seated), Kottarai, Perambalur taluk, Trichy district.
- 35 Krishna (crawling), Kottarai, Perambalur taluk, Trichy district.

(b) Stone Sculptures—

- 1 Mahavira, Vyasarpadi Lake, Madras.
- 2 Vaishnavi, Karuppur, Mannargudi taluk, Tanjore district.
- 3 Chandikesvara, Karuppur, Mannargudi taluk, Tanjore district.
- 4 Subrahmanya, Velankanni, Nagapattinam taluk, Tanjore district.
- 5 Inscribed stone (fragment), Harur, Harur taluk, Dharmapuri district.

II. By purchase—

Wood carvings—

- 1 Vaikuntanatha with Brahma in the nabhi, Vedanarayanaperumal Devasthanam, Tirunarayanapuram, Tiruchirappalli district.
- 2 Bhikshatana, Vedanarayanaperumal Devasthanam, Tirunarayanapuram, Tiruchirappalli district.
- 3 Rishipatnis, Vedanarayanaperumal Devasthanam, Tirunarayanapuram, Tiruchirappalli district.
- 4 Rishipatnis, Vedanarayanaperumal Devasthanam, Tirunarayanapuram, Tiruchirappalli district.
- 5 Gajasamharamurti, Vedanarayanaperumal Devasthanam, Tirunarayanapuram, Tiruchirappalli district.
- 6 Ardhanarisvara, Vedanarayanaperumal Devasthanam, Tirunarayanapuram, Tiruchirappalli district.
- 7 Rama group, Vedanarayanaperumal Devasthanam, Tirunarayanapuram, Tiruchirappalli district.
- 8 Krishna, supporting Govardhana mountain, Vedanarayanaperumal Devasthanam, Tirunarayanapuram, Tiruchirappalli district.
- 9 Harihara, Vedanarayanaperumal Devasthanam, Tirunarayanapuram, Tiruchirappalli district.
- 10 Tripurantaka, Vedanarayanaperumal Devasthanam, Tirunarayanapuram, Tiruchirappalli district.
- 11 Gangadhara, Vedanarayanaperumal Devasthanam, Tirunarayanapuram, Tiruchirappalli district.
- 12 Five headed deity, Vedanarayanaperumal Devasthanam, Tirunarayanapuram, Tiruchirappalli district.
- 13 Sugriva prostrating before Rama, Vedanarayanaperumal Devasthanam, Tirunarayanapuram, Tiruchirappalli district.
- 14 Hanuman, Vedanarayanaperumal Devasthanam, Tirunarayanapuram, Tiruchirappalli district.
- 15 Hanuman, Vedanarayanaperumal Devasthanam, Tirunarayanapuram, Tiruchirappalli district.
- 16 Dvarapalaka, Vedanarayanaperumal Devasthanam, Tirunarayanapuram, Tiruchirappalli district.
- 17 Dvarapalaka, Vedanarayanaperumal Devasthanam, Tirunarayanapuram, Tiruchirappalli district.
- 18 Erotic scene, Vedanarayanaperumal Devasthanam, Tirunarayanapuram; Tiruchirappalli district.
- 19 Erotic scene, Vedanarayanaperumal Devasthanam, Tirunarayanapuram, Tiruchirappalli district.
- 20 Erotic scene, Vedanarayanaperumal Devasthanam, Tirunarayanapuram, Tiruchirappalli district.
- 21 Erotic scene, Vedanarayanaperumal Devasthanam, Tirunarayanapuram, Tiruchirappalli district.
- 22 Lengthy torana, accessory used in temple car, from a local dealer.
- 23 Asmanagiri, accessory used in temple car, from a local dealer.
- 24 Screen, accessory used in temple car, from a local dealer.
- 25 Dvarabandham, accessory used in temple car, from a local dealer.
- 26 Hangers, accessory used in temple car, from a local dealer.
- 27 Umbrella, accessory used in temple car, from a local dealer.
- 28 Horseman (wood carving), Sri Viranarayanaperumal Devasthanam, Kattumannarkoil, South Arcot district.
- 29 Hanuman, Sri Viranarayanaperumal Devasthanam, Kattumannarkoil, South Arcot district.
- 30 Devi, Sri Viranarayanaperumal Devasthanam, Kattumannarkoil, South Arcot district.
- 31 Acharya, Sri Viranarayanaperumal Devasthanam, Kattumannarkoil, South Arcot district.
- 32 Alvar, Sri Viranarayanaperumal Devasthanam, Kattumannarkoil, South Arcot district.
- 33 Acharya, Sri Viranarayanaperumal Devasthanam, Kattumannarkoil, South Arcot district.
- 34 Alvar, Sri Viranarayanaperumal Devasthanam, Kattumannarkoil, South Arcot district.
- 35 Alvar, Sri Viranarayanaperumal Devasthanam, Kattumannarkoil, South Arcot district.

Paintings—

- 1 Ivory piece containing a miniature painting from a dealer at Tanjore.
- 2 Buddha in Tushita heaven, a painting of sculpture, prepared by an artist.
- 3 Maya's Dream, a painting of sculpture, prepared by an artist.
- 4 Buddha's marriage, a painting of sculpture, prepared by an artist.
- 5 Great Departure, a painting of sculpture, prepared by an artist.
- 6 Farewell to Kanthaka, a painting of sculpture, prepared by an artist.
- 7 Sujata feeding Buddha, a painting of sculpture, prepared by an artist.
- 8 Trip to Banaras, a painting of sculpture, prepared by an artist.
- 9 Indra's visit, a painting of sculpture, prepared by an artist.

III By gift—

- 1 A set of 65 drawings in crayons representing the growth and character of creative Indian Art by the artist Sri P. S. Subramanyam of Thanjavur.
- 2 Vishnu (stone), Nathapettai, Kanchipuram taluk, Chingleput district.
- 3 Devi, Nathapettai, Kanchipuram taluk, Chingleput district.
- 4 Unidentified Image, Nathapettai, Kanchipuram taluk, Chingleput district.
- 5 Unidentified Image, Nathapettai, Kanchipuram taluk, Chingleput district.
(Items 2 to 5) were acquired through the good offices of the Tahsildar, Kanchipuram taluk.
- 6 Baber, portrait in oils, presented as loan exhibit by Sri P. V. R. Naidu.

Work in the galleries.—(1) Photographs in the New Extension Gallery were renewed and re-exhibited.

(2) A curtain was provided for a window in the New Buddhist Antiquity Gallery in the Centenary Exhibition Hall.

(3) The photographs in the Jain Sculpture Gallery were renewed and exhibited.

(4) All the aluminium labels which were faded, were replaced by wooden framed labels.

(5) A "Map of India" indicating distribution of architectural monuments and archaeological sites was fixed and the same was provided with two labels containing the details about the sites.

(6) The Mahavira stone image acquired from Vyasarpadi was installed in the Jaina Gallery.

(7) Naphthalene balls in boxes were provided for all the show cases in the galleries.

(8) The painting entitled "Sankaracharya in Durbar" was retouched and re-exhibited in the Picture Gallery.

(9) The script charts were renewed and re-exhibited in the Epigraphic Bay in the New Extension Gallery.

(10) Sockets were made for the proper display of crystal reliquaries from Bhattiprolu in the Amaravati gallery.

(11) The painting entitled "Siva as Tripurantaka" was retouched, framed and re-displayed in the Picture Gallery.

(12) All the modernised show cases in Metal-ware gallery were provided with cut-out letters.

(13) All the labels in Bronze gallery were renewed.

Indexing.—Card indexing for specimens of stone sculptures in the Reserve collection was continued.

Research.—The Curator continued his research on "Copper plates" and "stone inscriptions". He contributed an article on "Avinasi and its antiquities" to a local daily.

Educational activities.—(1) Plaster casts of the four metal images in bronze gallery were prepared by the Meenakshi Devasthanams, Madurai, for their temple museum.

(2) One plaster cast of "Subjugation of Nalagiri" was prepared and sent to Bangkok for an exhibition on India.

(3) The Curator delivered two lectures on Art and Archaeology to the M.A. students of Archaeology of the Madras University.

Photographs added.—During the year under review ninety negatives and ninety prints were added to the collections.

Miscellaneous.—The following exhibits were lent on loan to the departments noted against each for conducting a special exhibition :—

I. (1) Copper plates	} For the State Department of Archaeology Madras Government.
(2) Inscribed Kuthuvilakku	..	..	..	..
(3) Inscribed Buddha image	..	..	..	..
(4) Inscribed Bell	..	..	..	..
(5) Inscribed Tripod	..	..	..	..
(6) Mayura's Surya Sataka inscription	..	..	..	..

II. (i) Hookah (metal)	}	To the Ministry of Commerce (Government of India) for an exhibition at Montreal, Canada.
(ii) Head (wood carving)		
(iii) Ornated spout (metal)		
(iv) Oil can (metal)		
(v) Hand lamp (metal)		

III. The British Broadcasting Corporation, London, was given facilities for filming Bhattiprolu relics.

Tours.—The Curator undertook a tour to the following places for the purpose noted against each :—

1 Tirunarayanapuram	To take delivery of the wood carvings.
2 Thanjavur	To take delivery of stone sculpture from Tahsildar, Thanjavur.
3 Kuttalam	To examine the wood carvings of the temple car.
4 Sirupuliyur	Do.
5 Tirukkodikaval	Do.
6 Gangaikondacholapuram	To study the temple architecture.
7 Srinivasanallur	Do.
8 Kottur	To examine the wood carvings of the temple car.
9 Sastarkoil	Do.
10 Tirameeychur	Do.
11 Thanjavur	To examine the art objects kept by Mr. S. Ramamurthi.
12 Kanchipuram	To examine the treasure trove objects.

Besides the above the Curator participated in the Fourth Museums Camp held at Delhi from 14th to 25th November 1966 on "Museum technique, documentation, exhibition including education".

Research facilities—

1 Mr. Petre Boedt, Rumania	South Indian Bronzes.
2 Sri Carl Gustar Diehl, Uppsala	Village deities.
3 Sri N. K. Hiriyanian, Research Scholar, Mysore University.	Nolamba sculptures.
4 Sri A. N. Krishna Iyengar	Pandyan inscriptions in stone and metal.
5 Professor Schmidt, Reader in Indology, Germany.	South Indian Bronzes.
6 Sri P. R. Srinivasan, Superintendent for Epigraphy, Archaeological Survey of India, Mysore.	Jain sculptures.
7 Mr. Dhaky, American Academy, Banaras.	Photo collections.
8 Sri T. N. Subrahmanyam, Epigraphist, Madras.	Pallava inscriptions.

Plans for the year 1967-68.—(1) Fixing up the murals in the New Buddhist Gallery.

(2) Acquisition of art objects offered by Handicrafts Emporium and exhibiting selected ones in the galleries.

(3) Provision of individual florescent lights in the Bronze Gallery for the show cases.

(4) Better labelling for Bronze Gallery exhibits.

(5) Repainting of the interiors of the show cases in the Metalware gallery.

(6) Pelmetts to be provided for the windows in the Bronze gallery and Metalware gallery.

(7) *Textiles.*—Registering and cataloguing of textile specimens and the wooden printing blocks for textile designs.

(8) Registering of the Amarvati, Jagayyapetta and Goli sculptures exhibited in the gallery.

Research and publications.—(1) Catalogue of copper plate grants to be completed.

(2) Preparing brief guide books to Metalware, Wood carvings and Bronze galleries.

(3) Catalogue of Stone Sculptures by Thiru V. R. Mani.

(4) Reprinting of "Tiruparuttikundram and its temples".

Replicas.—(1) The Government have to be addressed for sanction for 30 numbers of replicas, each of Rama, Sita and Nataraja with Bashyam Sthapathi.

(2) Placing the matter regarding the replica of Ardhanarisvara before the next Museum Committee again to pursue the matter.

THE NATIONAL ART GALLERY.

Additions.—The Ad-hoc Committee for the National Art Gallery met on 3rd May 1966 and selected and purchased the following contemporary painting :—

1. *O! the Times O! the Manners* by A. Narayanan.
2. *Composition I* by L. Munuswami.
3. *Space* by Jayapal Paniker.
4. *Ruins de Mamallapuram* by P. B. Surendranath.
5. *Black and Red* by V. Viswanathan.
6. *Painting I* by S. Paramasivam.
7. *Composition* by P. Krishnamurthi.
8. *Figures in Landscape* by C. N. Karunakaran.
9. A vase by T. R. P. Mookiah offered by Miss T. Gunavathi.
10. Bowl by Kanniappan offered by Mrs. K. Susheela.
11. *Composition I* by P. V. Janakiraman.

Work in the galleries.—The exhibits in the Main Hall and rear room were photographed and photographs were pasted in the album, meant for this gallery. All the labels in the gallery were renewed. The wood carvings and metalware objects which were hitherto exhibited on the walls, were now neatly mounted on wooden panels painted with a pleasing colour to give a good relief for exhibits. All the show-cases hitherto exhibited on the walls, were now neatly mounted on wooden panels. The Deccani paintings exhibited in the Main Hall were mounted on a fresh mount and exhibited. The frames were given gold gilt, so as to give a pleasing look and good relief for the objects. A few other Tanjore School paintings were also provided gold gilt on the frames. The painting entitled "Siva on elephant hide" was mounted on a fresh mount and was re-exhibited.

Publications.—The printing of the Guide to the National Art Gallery was nearing completion during the year under report.

Plans for the year 1967-68.—(i) Organising the rear upstairs room into a gallery of Modern Art and exhibiting more paintings.

(ii) Improving the lighting in the two front rooms.

(iii) Framing of the specimens of textiles in the front room.

(iv) Monograph on Mughal and Rajasthani paintings in the collection.

CHEMICAL CONSERVATION SECTION.

Museum objects cleaned and preserved.

ARCHAEOLOGY.

Bronzes.—Thirteen bronze images were electrolytically treated and suitably preserved. Three bronze images were under electrolytic treatment.

Eight bronze images were chemically treated and suitably preserved.

Two bronze images were initially treated with chemicals and finally in electrolytic cells. After treatment suitable preservative coating was applied to them. One copper image was under treatment.

Wood carvings.—Ten wood carvings were chemically cleaned and preserved. Ten more wood carvings were under treatment.

Painting.—One water colour painting was restered and preserved.

ANTHROPOLOGY.

Iron articles.—One treasure trove cannon, nine maces, thirteen elephant goads, thirty-seven battle axes and fifty-four miscellaneous objects were given treatment and preserved. Ten spears were under treatment.

Brass articles.—Twenty-four brass articles were given treatment and suitably preserved.

Lead articles.—Twelve lead articles were given treatment and suitably preserved.

Leather objects.—Four musical instruments were given chemical treatment and suitably preserved.

Wooden objects.—One Meriah Sacrifice Post and three wooden objects were given proper treatment and preserved.

Reads.—One hat of Assam tribe was cleaned from stains and strengthened.

NUMISMATICS.

One treasure trove silver coin and the State coach were given treatment and preserved.

NEW ADDITION OF EQUIPMENTS, IMPROVEMENTS, ETC.

Dr. K. S. Rajagopalan, Scientist, Central Electro-chemical Research Institute visited the Museum on 8th and 9th July 1966 to view the corroded metal objects and to advise in prevention methods.

The Curator took charge of the supervising the work of the microfilm operator on 10th June 1966.

New addition.—A sterilization chamber, X-Ray protection chair, lead rubber apron and lead rubber gloves were procured for the Chemical Conservation Section. The dark room in the old block of the chemical conservation section was painted dark and the laboratory table procured was fitted up.

Distinguished visitors.—On 21st January 1967, Sir Pilip Hendy, Director, National Gallery, London and Lady Hendy visited the chemical conservation laboratory.

On 16th February 1967, Dr. (Mrs.) J. Stepkova, Keeper, Oriental Numismatic collection, Naprstek Museum, Prague, Czechoslovakia visited the chemical conservation laboratory.

Training.—The Curator, Government Museum, Pudukkottai was given training in the conservation of Iron Implements for three days.

Lecture.—One popular lecture on "Preservation of Bronzes" was delivered to the public by the Curator under the Educational Programme on 19th November 1966.

The Curator also delivered two lectures to the students of M.A. (Archaeology) in "Conservation of Antiquities and Works of Art" on 23rd and 24th January 1967.

CHILDREN'S SECTION.

Additions to the collections.—1. One Gravitation Torsion balance presented by the Consulate of the Federal Republic of Germany.

2. One lot of plastic atom models presented by the Consulate of the Federal Republic of Germany.

3. Small scale model of S.S. Irwin (length 5 feet).

4. Four costume dolls from Germany (Buckeburg, Vierlanden and Black forest).

5. A set of eight costume dolls from the Brooklyn Children's Museum, U.S.A.

6. One working model of a Helicopter.

7. One tractor with two trailers.

8. One working model of a washing machine.

} Presented by the G.D.R. Trade
delegation in Madras.

Work done in the gallery.—The routine work of cleaning the show cases and exhibits in the gallery was continued. The naphthalene boxes inside the show cases were replenished periodically. Some old and discoloured labels were replaced with new ones. The electrical connections engine, etc., of the train model installed in the gallery were checked up in view of the periodical breakdowns. The special exhibition case containing the scale model of S.S. Irwin was transferred to the gallery after the duration of the special exhibition.

Educational activities—Special exhibition.—A special exhibition of the model of the ship S.S. Irwin presented by the Southern Railways was arranged in the month of November. Demonstration lectures were arranged for two batches of Balasevikas sent by the Indian Council for Child Welfare, Madras. Special guided tours of the Children's Gallery were arranged for four batches of school children. An exhibition of toys and children's books from G.D.R. was held in February 1967 under the joint auspices of the Madras Museum and the G.D.R. Trade Representation in Madras.

Plans for the year 1967-68.—The quiz board show case which is nearing completion will be installed in the gallery. Murals depicting the evolution of Transport and Art panels will be added to the gallery.

ADMINISTRATION REPORT OF THE GOVERNMENT MUSEUM, PUDUKKOTTAI-2, FOR THE YEAR 1966-67.

General—Working hours.—The Government Museum works on all days except Mondays and declared Gazetted Government holidays. The working hours of the Museum office is from 10-30 a.m. to 5 p.m. and the galleries from 8 a.m. to 11-30 p.m. and 2 p.m. to 5 p.m. The weekly holiday has been changed from Sunday to Monday.

Visitors.—The total number of visitors was 82,490 with a daily average of 285, which includes both males and females, literates and illiterates and school batches (Appendix A).

Distinguished visitors.—Most of the distinguished visitors who happen to pass through Pudukkottai have never failed to visit the Museum and pass appreciative remarks about this Institution in the visitor's book.

Administration.—The Curator is the head of the office, assisted by an Assistant Curator, a Technical Assistant, a Junior Taxidermist and two clerks. Besides this, the Museum galleries are looked after by nine gallery guards and two night watchmen. The garden is being maintained by one full-time gardener.

Action has been taken to implement the suggestions for the improvement and safety of the Museum made in the verification report by the Examiner for Local Funds.

The Director of Museums, Government Museum, Madras visited this Museum from 4th to 12th August 1966. He made valuable suggestions for the improvement of the galleries on modern lines and these are being carried out as and when funds permit.

The annual budget including Plan Scheme in 1966-67 was Rs. 32,500 (Appendix C).

Tours.—A tour was undertaken by the Curator to Mysore from 11th to 15th April 1966 to collect two complete life cycles of Eri Silk moth and Tussor Silk moth from the Government Sericulture Research Institute, Mysore.

In the month of November 1966 the Curator went to Delhi to attend the Fourth Museums camp on the 'Study of Museum techniques of exhibition, storage, documentation, education, etc.', held at the National Museum from 14th to 24th which was conducted by the Ministry of Education, Government of India.

A tour was undertaken by the Curator from 13th to 18th in the month of March 1967 to the Government Museum, Madras to study the chemical conservation of Anthropological objects in the Chemical Laboratory of the Government Museum, Madras. The photographer of the Government Museum, Madras visited Pudukkottai from 3rd to 11th March 1967 and took about 60 photographs of local geological interest for display in the Geology Gallery.

Extra-mural activities.—Necessary assistance was rendered to schools whenever parties of school children visited the Museum (Appendix B).

The Curator, Government Museum, Pudukkottai was appointed as ex-officio Director to the Pudukkottai Timber Workers' Co-operative Cottage Industries Society by the Government of Madras.

Galleries.—All the show cases and the museum buildings were kept clean and tidy. The specimens in the show cases were given preservative treatment.

The show cases were arranged according to the sequence of the subject and at the same time allowing more moving space to the visiting public.

Improvements in the galleries—Geology.—About 50 photographs of Stone Quarry industry of Pudukkottai have been taken by the photographer of the Madras Museum for exhibition in the Geology gallery.

Zoology—Invertebrates.—A complete life cycle of the Eri Silk Moth and the Tassar Silk Moth obtained from the Sericulture Research Institute, Mysore were displayed in two glass-topped boxes.

Birds.—Two old type multidoor bureau-type show cases were converted into double sided single glass door modernised case by the Pudukkottai Timber Workers' Co-operative Cottage Industrial Society. Due to its conversion, the whole birds gallery was again re-arranged according to the sequence of the exhibits. Moreover this new arrangement has afforded ample moving space in the gallery for the visiting public.

Mammals.—Six old type, multi-glass-doored bureau-type show cases were converted into single-sided single glass-doored modernised show cases by the Pudukkottai Timber Workers' Co-operative Cottage Industries Society. Due to its conversion the whole gallery was re-arranged according to the sequence of the subject.

Arts and Industries.—The wood-carving pieces which were so far kept in the Technical Store Room since last year for their safety were exhibited in the Arts and Industries Section.

Library.—Thirty-five books were added to the library making up the total volumes to 1,249. It covers all sections pertaining to a general museum. It continued to serve the Curator, his staff and the interested public with the same usefulness and importance. [List of added books and journals (Appendix D).]

Publications.—A "Guide to the Principal Exhibits in the Government Museum, Pudukkottai" by Sri M. S. Chandrasekhar, the former Curator, Government Museum, Pudukkottai was published in English and released for sale to the public. The cost of the book is Rs. 5.

Equipments including furniture and fittings.—Two old bureau-type show cases in Birds gallery and six in the Mammals gallery were modernised.

A junior clerk table and a chair were purchased for the Assistant Curator from the Jail Department, Pudukkottai.

A Click III Camera with Flash Gun of Agra Company, Madras, was also purchased.

Stores and chemicals.—Seventeen round glass jars were purchased from Central Scientific Supplies Company, Tambaram, Madras and 12 rectangular glass jars from the Scientific Glass apparatus factory, Industrial Estate, Madras.

All the required chemicals for the work of Taxidermy are kept in stock ready for use.

Buildings.—Among the list of urgent structural alterations and repairs required for the present Museum building submitted in 1963, the P.W.D., Tiruchirappalli has completed the work of converting the open Tiffin shed into a regular room with windows and door.

Garden.—This has been improved considerably and made attractive. The plants and flower beds are being maintained in good condition.

PLANS FOR THE YEAR 1967-68.

Geology.—Colour washing the show cases and mounting about 30 new photographs in vertical frames.

Zoology.—Making two new show cases to exhibit the Porifera and Coelenterata collections.

Botany.—Making a sloping case to exhibit the framed specimens showing the diseases of plants.

General.—Purchasing and installing a water-cooler for the visiting public.

S. T. SATYAMURTI,
Director of Museums,
Government Museum, Madras-8.

Connemara Public Library (Exchanges).

The number of institutions sending their journals in exchange for the Museum Bulletin was 182 and the number of publications received from them was 555.

S. T. SATYAMURTI,
Director of Museums,
Government Museum, Madras,
and
Associate Librarian,
Connemara Public Library, Madras.

APPENDIX I.

Complete list for the year 1966-67 of treasure-trove coins in the Madras State.

(A) *Acquired by the Museum.*

<i>Treasure trove number.</i>	<i>Accession number.</i>	<i>Particulars.</i>	<i>Metal.</i>	<i>Number found.</i>	<i>Number recovered.</i>	<i>Number acquired.</i>
(1)	(2)	(3)	(4)	(5)	(6)	(7)
806	945	Mysore Sultan	Gold ..	1	7	7
		Mysore Sultan	Silver ..	2		
		Mughal	Do. ..	4		
815	950	British India One rupee ..	Silver ..	8	139	139
		Do. Half rupee ..	Do. ..	12		
		Do. Quarter rupee ..	Do. ..	22		
		Do. Two anna ..	Nickel ..	57		
		Do. One anna ..	Do. ..	40	106	106
817	951	Indo-British rupee	Silver ..	98		
		Do. Half rupee ..	Do. ..	4		
		Do. Quarter rupee ..	Do. ..	4	15	15
822	952	South India Varaha	Gold ..	1		
		Panams	Do. ..	12		
		Ear rings	Do. ..	2	124	124
831	956	Indo-British rupee	Silver ..	124		
836	957	Indo-British Single Swamy Pagoda.	Gold ..	8	8	8
829	958	Indo-British old star Pagoda.	Gold ..	15	15	15

* Varaha.

(B) *Not acquired by the Museum.*

<i>Treasure trove receipt and despatch register.</i>	<i>Treasure trove general accession register.</i>	<i>Particulars.</i>	<i>Metal.</i>
(1)	(2)	(3)	(4)
407	813	Copper coins	copper
410	814	Copper coins	copper.
411	816	Prehistoric copper coins	copper.
431	826	Gold coins	Gold.
443	832	Copper coins	copper.

APPENDIX II.

ANTHROPOLOGY.

(A) *Acquired by the Museum*

<i>Treasure trove number.</i>	<i>Accession number.</i>	<i>Name and locality.</i>
(1)	(2)	(3)
805	2419	Cannon from Villupuram, South Arcot district.

(B) *Not Acquired.*

803	...	Two Gold rings from Thiruthuraiipundi, Thanjavur.
825	...	A Gold ring from Kulayaneri village, Tenkasi taluk, Tirunelveli district.

APPENDIX II—cont.

Complete list for the year 1966-67 of treasure trove coins in the Madras State.

ARCHAEOLOGY.

Serial number.	Accession number.	Treasure trove number	Particulars.	Locality.
(1)	(2)	(3)	(4)	(5)
1	1607	804	Mahavira seated (stone)	Vyasarpadi, Madras.
2	557	808	Somaskandan	Sirukattur, Chidambaram South Arcot district.
3	558	808	Chandikesvaran	Do.
4	559	808	Devi	Do.
5	560	808	Sundaramurti	Do.
6	561	808	Sambandar	Do.
7	562	809	Vishnu	Melmedumbur, Chidambaram taluk, South Arcot district.
8	563	809	Devi	Do.
9	564	809	Kaliyakrishna	Do.
10	565	809	Tiruvachi (broken)	Do.
11	566	809	Vishnupathngai	Do.
12	567	810	Somaskanda (broken into 10 pieces) ..	Pukkarambai, Pattukkottai taluk, Thanjavur district.
13	1629	811	Vaishnavi	Kannippur, Mannargudi taluk, Thanjavur district.
14	1630	811	Chandikesvara	Do.
15	568	812	Vishnu (standing)	Krishnapuram, Kumbakonam taluk, Thanjavur district.
16	569	812	Vishnu (small)	Do.
17	570	812	Sita (standing)	Do.
18	571	812	Vishnu (sitting)	Do.
19	572	812	Sita (sitting)	Do.
20	573	812	Bhudevi	Do.
21	574	812	Vishnu (standing)	Do.
22	575	818	Devi (in three pieces)	Varaganeri, Thiruchirappalli taluk, Thiruchirappalli district.
23	576	819	Aiyandar	Inam Kolathur, Thiruchirappalli taluk, Thiruchirappalli district.
24	577	819	Do.	Do.
25	578	819	Do.	Do.
26	579	819	Do.	Do.
27	580	819	Devi	Do.
28	581	819	Worshipper	Do.
29	582	819	Do.	Do.
30	1627	820	Subrahmanya (stone)	Velankanni village, Nagapattinam taluk, Thanjavur district.
31	583	821	Siva	Udayavarkoilpattu, Mayavaram taluk, Thanjavur district.
32	584	821	Parvathi	Do.
33	585	821	Ganasa	Do.
34	586	821	Jnanesambandar	Do.
35	587	821	Devi	Do.
36	588	824	Ganasa	Kottarai, Perambalur taluk, Thiruchirappalli district.
37	589	824	Nataraja	Do.
38	590	824	Ganasa	Do.
39	591	824	Krishna (crawling)	Do.
40	1663	828	Broken stone	Harur, Harur taluk, Dharmapuri district.

APPENDIX II—cont.

Complete list for the year 1966-67 of treasure trove coins in the Madras State—cont.

(b) Not acquired

Serial number.	Treasure trove number.	Particulars.	Locality.
(1)	(2)	(3)	(4)
1	807	Amman (bronze)	Ammamandapam, Tiruchirappalli District.
2	823	Vinayagar, Nataraja Devi (broken). Sivakamasundari	Kadalangudi, Nannilam taluk, Tanjore district.
		Balasubramanya	
		Dhanalakshmi	
		Pradoshamurti	
3	827	Inscribed stone	Kolivakkam, Chingleput district.

APPENDIX III.

Other notable additions to the collections.

ZOOLOGY.

Serial number.	Accession number.	Particulars.
(1)	(2)	(3)
1	8/1966	The Spotted-billed Pelican (young) (Pelicanus philippensis).
2	12/1966	Skin of Sloth Bear (Melursus ursinus).
3	18/1966	The Large Brown Flying Squirrel (Petaurista philippensis).
4	2/1967	The Adjutant Stork (Leptoptilos dubius).
5	3/1967	Two Rostra of Saw Fish (Pristis sp.).

BOTANY.

1	1/1966	One set of ten models illustrating different kinds of inflorescences.
2	2/1966	Set of models illustrating the life history of <i>Sargassum</i> .
3	3/1966	Enlarged model of <i>Musor mucedo</i> .
4	4/1966	Set of models illustrating the habit of <i>Marchantia</i> .
5	5/1966	Set of models illustrating the life history of lichen.
6	6/1966	Enlarged model of Angiosperm leaf.
7	7/1966	Enlarged model of spadix of <i>Arum</i> .
8	8-11/1966	Four coloured relief models in plastic illustrating plant Morphology.
9	12-21/1966	Ten miniature models of agricultural implements.
10	22-58/1966	Thirty-seven sets of samples of cotton, silk and wool, coloured with vegetable dyes.
11	59-102/1966	Forty-four samples of important commercial timbers of India.

APPENDIX III—*cont.**Other notable additions to the collections—cont.*

GEOLOGY.

<i>Serial number.</i>	<i>Accession number.</i>	<i>Particulars.</i>		
(1)	(2)	(3)		
1	4/1966	..	..	Steatite with tale.
2	21/1966	..	..	Stoneware clay (white)
3	22/1967	..	..	Stoneware clay (greyish brown).
4	4/1967	..	..	Bentonite.

ANTHROPOLOGY.

<i>Accession number.</i>	<i>Particulars.</i>
(1)	(2)
1. 13/66 to 137/66	125 potsherds by exchange.
2. 138/36	A blackware water carrier ... as gift.
3. 139/66 to 181/66 ..	43 Stone-tools collected by the Curator.
4. 1/66	One poster-colour descriptive chart. Prepared by the Artist-Modeller.
5. 2/66 to 5/66	Four stringed puppets; Purchased.
6. 1756 and 1757	Two photographs of Emden shell. Do.
7. 1758 to 1770	13 photographs of Tribes of Orissa. Do.
8. 2418 —	One sacrificial chopper Do.

NUMISMATICS.

<i>Serial number.</i>	<i>Accession number.</i>	<i>Metal.</i>	<i>Particulars.</i>
(1)	(2)	(3)	(4)
1	944	....	Two thousand seventy-four old postage stamps.
2	945	....	Three old letters with stamps and three stamps of Victoria.
3	947	....	Sixteen postage stamps of Mauritius.
4	948	....	One postal cover with a stamp.
5	949	Gold, Silver, Copper, lead and potin.	One gold, four silver, ninety-four copper, light lead and one potin coins of Chola, Satavahana, ancient India, Vishnukundin, Pandya-Indo-British, Indo-French, Indo-Dutch and Indo-Portuguese.
6	953	Base silver and copper.	Three base silver and twenty-eight copper coins of Chola, Vijayanagar, Pandaya, Chera and Konguchera.
7	954	Silver alloy, silver and billon.	Seven coins belonging to the Pala, Kashmir, Delhi, Sultan, Pratapgrah State and Spain.
8	955	Originals in gold, silver, copper, lead and potin.	Electro-plated casts of two sets in each of 250 South-Indian coins.
9	959	Silver	Trowel.

APPENDIX III—cont.

Other notable additions to the collections—cont.

ARCHAEOLOGY.

<i>Serial number.</i>	<i>Accession number.</i>			<i>Particulars.</i>
(1)	(2)			(3)
1 to 31	1608 to 1628	..	..	Twenty-one wood-carvings purchased from Vedanarayana perumal Devasthanam, Tirunarayanapuram, Musiri taluk, Tiruchirappalli district.
22 to 28	1631 to 1636	—	—	Textile accessories used in temples.
29	1649	—	..	A set of sixty-four drawings in crayons representing the growth and character of creative Indian art. presented by the artist Sri P. S. Subramanyam.
30	1650	..	..	Vishnu. (stone) Nathappettai, Kanchipuram taluk, Chingleput district. Acquired through the good offices of Tahsildar, Kanchipuram.
31	1651	..	..	Devi. (stone) Nathappettai, Kanchipuram taluk, Chingleput district. Acquired through the good offices of Tahsildar, Kanchipuram.
32	1652	..	..	Unidentified figure, Nathappettai, Kanchipuram taluk, Chingleput district. Acquired through the good offices of Tahsildar, Kanchipuram.
33	1653	..	..	Do.
34	1654	..	..	Portrait of Babur in oils. Loan exhibit deposited by P. V. R. Naidu.
35 to 42	1655 to 1662	—	..	Eight wood-carvings purchased from Sri Viranarayanaperumal Devasthanam Kattumannargudi, South Arcot district.

CHILDREN'S SHOWROOM.

<i>Serial number.</i>	<i>Accession number.</i>			<i>Particulars.</i>
(1)	(2)			(3)
1	66/1	..	—	One Gravitation Tortion balance.
2	66/2	..	—	One set of Plastic Atom Models.
3	66/3	..	—	Small-Scale model of S. S. Irwin—length 5 feet.
4	67/1	..	..	Four costume dolls from Germany (Buckeburg, Vietenden, Blackforest).
5	67/2	..	—	A set of eight costume dolls. (Brittany, Russia, Belgium, Scotland, England, Holland, Switzerland, Hungary).
6	67/3	..	—	One working model of a helicopter.
7	67/4	..	—	One tractor with two trailers.
8	67/5	..	—	One working model of a washing machine

APPENDIX IV.

Visitors to the Museum.

	1965-66.	1966-67.
(1)	(2)	(3)
Total number of visitors ..	6,71,334	7,16,282
Total number of Sundays ..	1,92,307	1,90,662
Total number of Dwadesi day ..	7,531	4,173
Total number of Kanum Pongal day ..	41,308	21,105

Photographic work.—The photographer was engaged in taking prints for record and sale to the public. A sum of Rs. 857.00 was realised by sale of prints and enlargements as against rupees 764.50 P. in the previous year. During the year under report 309 negatives and 1,201 prints and enlargements were prepared.

Museum Theatre.—The Museum Theatre was used for 245 engagements during the year of which 210 were for dramatic performances, etc. and the rest for rehearsals and meetings. A sum of Rs. 8,060 was realised as rent as against Rs. 7,618 in the previous year. A sum of Rs. 1,237 has in addition been credited to Government towards over-time fee for the Caretaker's over-time attendance.

Centenary Exhibition Hall.—The Centenary Exhibition Hall was used for 26 exhibitions during the year 1966-67. A sum of Rs. 843 was realised as rent against Rs. 642 in the previous year.

APPENDIX V.

List of Photo negatives added during the year 1966-67.

Serial number.	Negative number.	Size.	ZOOLOGY.	Particulars.
(1)	(2)	(3)		(4)
1	ZF. 445	..	1/2 size.	Ruff and Reeve.
2	" 446	..	"	Glossy Ibis.
3	" 447	..	"	Spoon Bill.
4	" 448	..	"	Open Bill.
5	" 449	..	"	White-necked Stork.
6	" 450	..	"	Pelican.
7	" 451	..	"	Snake Bird.
8	" 452	..	"	Indian Shag.
9	" 453	..	"	Shoveller.
10	" 454	..	"	Red-crested Pochard.
11	" 455	..	"	Tufted Duck.
12	" 456	..	"	Indian Little Grebe or Dabchick.
13	" 457	..	"	Jerdon's Imperial Pigeon.
14	" 458	..	"	White Ibis.
15	" 459	..	"	Blacknecked stork.
16	" 460	..	"	Hall of Cretaceous Dinosaurs in the American Museum of Natural History.
17	" 461	..	35 m.m.	Diorama of the Great Indian Bustard.
18	" 462	..	"	Building of Government Agricultural College, Coimbatore.
19	" 463	..	"	Collection tour to Anaikatti.
20	" 464	..	"	Collection tour to Walayar.
21	" 465	..	"	Collection tour to Marudamalai.
22	" 466	..	"	Rifle range practice ground near Tirunelmalai.
23	" 467	..	1/2 size.	Heart urchin (<i>Lovenia elongata</i>).
24	" 468	..	"	Sand Dollar (<i>Laganum depressum</i>).
25	" 469	..	"	Copying of the Photograph of the Museum Technique class.
26	" 470	..	35 m.m. 34	A set of photographs of some wild animals and the Adjutant Stork taken at the Madras Corporation Zoo.
27	" 471	..	(Negatives.) 2 1/2 x 2 1/4 8 (Negatives.)	A set of photographs taken during the process of skinning and stuffing of the Adjutant Stork.

BOTANY.

Number.	Size.	Description
(1)	(2)	(3)
B.XVII. 5	..	1/2 size
" 6	..	"
" 7	..	"
" 8	..	"
		Relief model in plastic depicting root, stem and bud.
		Relief model in plastic depicting leaves and their transformation.
		Relief model in plastic depicting flowers and inflorescences.
		Relief model in plastic depicting fruits and seeds.

APPENDIX V—cont.

List of photo negatives added during the year 1966-67—cont.

GEOLOGY.

		Negative number.	Size of film.	Particulars.
		(1)	(2)	(3)
G II a.	16	—	$\frac{1}{2}$ size.	General view of blast furnace.
"	17	..	"	Blast furnace—Tapping.
"	18	..	"	Open hearth furnace.
"	19	..	"	Open hearth teeming and general view of casting stage.
"	20	..	"	Duplex converter having a blow.
"	21	..	"	Duplex plant—charging of hot metal into furnace.
"	22	..	"	Duplex plant—Teeming molten metal into moulds.
"	23	—	"	Stripper yard—Ingots being stripped from moulds.
"	24	—	"	Open hearth furnace (Tapping).
"	25	..	"	Sheet mill—3 High rougher.
"	26	—	"	Sheet mill—Shear.
"	27	..	"	Sheet mill—Galvanizing.
"	28	..	"	Sheet mill—Corrugating.
"	29	..	"	Plate mill—Slab dressing.
"	30	..	"	Plate mill—Drawing of slab from reheating furnace.
"	31	..	"	Plate mill—Finishing.
"	32	..	"	Plate mill—Stack of chequered plates.
"	33	..	"	Some of the more important raw materials used in ceramic industry manufacturing white wares.
"	34	..	"	Calcining quartz.
"	35	..	"	Grinding quartz and felspar.
"	36	—	"	Loading a ball mill.
"	37	..	"	Blungering china clay with grind quartz and felspar in a screw blunger.
"	38	..	"	De-watering quartz, felspar clay slurry by use of a filter press.
"	39	..	"	Blunging filter cakes in a screw blunger to form casting slip.
"	40	..	"	Casting of European water closet in a plaster mould.
"	41	..	"	Manufacture of pressed electrical porcelain items.
"	42	..	"	Dipping an unbaked wash basin under glaze.
"	43	..	"	Loading an Indian closet inside the saggar.
"	44	..	"	Operating a down draught kiln baking sanitary wares.
"	45	..	"	Unloading a sanitary ware.
"	46	..	"	Samples of finished products.
"	47	..	"	Packing sanitary wares for despatch.
"	48	..	"	Making plaster mould for a wash basin.
"	49	..	"	Baking pieces with on glaze decorations.
"	50	..	"	Samples of finished products.
G II b.	1	..	"	Manganese ore quarry at Kodegaon, Nagpur district.
"	2	..	"	Bullinus prinsepil.
"	3	..	"	Pleurotomaris sp.
"	4	..	"	Ammonite.
"	5	..	"	Bivalve shells embedded in rock.
"	6	..	2 $\frac{1}{2}$ " x 2 $\frac{1}{2}$ "	Display of Gem stones.
"	7	..	"	Display of Building stones (polished slabs).
"	8	..	"	Display of Minerals (Oxides)
"	9	..	"	General view of the central modernized show case with specimens.
G I 48		..	"	Special exhibition of clays and their products.

APPENDIX V—cont.

List of photo negatives added during the year 1936-37—cont.

ANTHROPOLOGY.

Serial number.	Negative number.	Size.	Particulars.
(1)	(2)	(3)	(4)
1 E. IV. 1/1.	1	Full.	Wynaad Map.
2 "	2	"	Madrasian Palaeoliths sent to Brooklyn Children's Museum, New York.
3 "	3	"	Do.
4 E. XXVI.	22	Half.	Gauntlet and Gauntlet swords.
5 "	23	"	Swords.
6 "	24	"	Do.
7 "	25	"	Do.
8 "	26	"	Daggers.
9 "	27	"	Battle-axes.
10 "	28	"	Maces.
11 "	29	"	Goads.
12 "	30	"	Daggers, Arms, and other weapons.
13 "	31	"	Miscellaneous weapons.
14 "	32	"	Spear heads and Daggers.
15 "	33	"	Spear heads.
16 "	34	"	Choppers.
17 "	35	"	Daggers.
18 "	36	"	Swords.
19 "	37	"	Do.
20 "	38	"	Ornamented Battle-axed Goad.
21 "	39	"	Daggers.
22 "	40	"	Looped dagger.
23 "	41	"	Gauntlets.
24 "	42	"	Gauntlets swords.
25 "	43	"	Sword Hilts.
26 "	44	"	The Primate Family Tree.
27 "	45	"	Belgian Congo Special Exhibition—Prehistoric Antiquities.
28 "	46	"	Belgian Congo special exhibition—Ethnographic Materials.
29 "	47	"	Azhuvancheri Tambrakkal.
30 "	48	"	Adyan Nambudiris.
31 "	49	"	A typical Nambudiri Illam.
32 "	50	"	A Nambudiri lad after upanayanam.
33 E. XXVII	1	"	Sri Vali round a temple.
34 "	2	"	Trichurpuram.
35 "	3	"	Vedio students with their preceptors.
36 "	4	"	A Numbudiri in diksha.
37 "	5	"	Trichur Vedio College.
38 "	6	"	A group of Nambudiris.
39 E.	18 23	Quarter.	A view of the New Extension of Museum.
40 "	" 24	"	Udukkai, (No. 36-G) Percussion Musical Instrument.
41 F. V.	76	2½" × 2½"	A view of an inscribed stone slab fixed near the wall of the High Court.
42 "	77	"	Same—but closer view.
43 "	78	"	Do.
44 "	79	"	Megalithic pot with graffiti mark.
45 "	80	"	Photograph of the potsherds with Brahmi inscriptions from Arikamedu.
46 "	81	"	A view of Pre-history gallery I.
47 "	82	"	A view of Pre-history gallery II.

APPENDIX V—cont.

List of photo negatives added during the year 1966-67—cont.

ANTHROPOLOGY—cont.

<i>Serial number.</i>	<i>Negative number.</i>	<i>Size.</i>	<i>Particulars.</i>
(1)	(2)	(3)	(4)
48 F. V. 83	2½ × 2½	A view of leather shadow play figure gallery.
49 .. 84	"	A view of physical Anthropology gallery.
50 .. 85	"	A view of Musical Instruments gallery.
51 .. 86	"	A view of Kathakali gallery.
52 .. 87	"	A view of Ethnology gallery I.
53 .. 88	"	Guide service in Ethnology gallery II.
54 .. 89	"	A view of Mohenjo-daro gallery.
55 .. 90	"	A view of Publication counter.
56 .. 91	"	Korawa with monkey.
57 .. 92	"	Do.
58 .. 93	"	Do.
59 .. 94	"	Do.
60 .. 95	"	Do.
61 .. 96	"	Do.
62 .. 97	"	Do.
63 .. 98	"	Do.
64 .. 99	"	Do.
65 .. 100	"	Do.
66 F. VI. 1	"	Do.
67 .. 2	"	Do.
68 .. 3	"	A view of Ethnology gallery II.

NUMISMATICS.

<i>Serial number.</i>	<i>Negative number.</i>	<i>Size.</i>	<i>Subject.</i>
(1)	(2)	(3)	(4)
1	NC 2	Full	General view of stamps Gallery revised display.
2	NB 164	Quarter	One coin of treasure trove from Chengam taluk.
3	" 165	Do.	Gold coin of Caliph No. 7.
4	" 166	Do.	Gold coin of Caliph No. 11.
5	" 167	Do.	Recopy of a photograph of a coin from Malaya.
6	" 168	Do.	Do.

ARCHAEOLOGY.

<i>Serial number.</i>	<i>Size.</i>	<i>Description.</i>
(1)	(2)	(3)
1781	Half.	Casket with beautiful designs—(back view).
1782	Quarter.	Miser.
1783	Do.	Going out.
1784	Do.	Retired Sepoy.
1785	Do.	Lady with Mirror.
1786	Do.	Sakuntala.
1787	Do.	Jain Tirthankara, Sivaganga, Ramnad District.
1788	Do.	View of Bronze Gallery, case containing embossed copper plate and special Exhibition.
1789	Do.	View of Bronze Gallery, metalware gallery, modernised show-cases under construction and special Exhibition.

APPENDIX V—cont.

List of photo negatives added during the year 1966-67—cont.

				ARCHAEOLOGY—cont.	
<i>Film number.</i>				<i>Size.</i>	<i>Description.</i>
(1)				(2)	(3)
1790	..	..	..	Quarter.	View of the National Art Gallery, exterior view, view of the chemical laboratory (exterior view), Special Exhibition.
1791	..	..	..	Small	Durga, Gidangal, Tindivanam Taluk, South Arcot District.
1792	..	..	..	Do.	Animal frieze, Amaravati Gallery.
1793	..	..	..	Do.	Do.
1794	..	..	..	Half.	Treasure Trove objects, Nerur Vadabagam, Trichy District.
1795	..	..	..	Do.	Do.
1796	..	..	..	Do.	Portrait study by A. R. Podiwal.
1797	..	..	..	Do.	Bust study by A. R. Podiwal.
1798	..	..	..	Do.	Portrait of Nehru by Ram Mohan Sastri.
1799	..	..	..	Do.	Lotus study by Jaya Appaswamy.
1800	..	..	..	Do.	Wild Ducks by Madhava Menon.
1801	..	..	..	Do.	Radha and Krishna (Rajput School).
1802	..	..	..	Do.	Krishna with Gopis (Rajput School).
1803	..	..	..	Do	Krishna conversing with other kings (Rajput School).
1804	..	..	..	Do.	Portrait of Rao Hamaji.
1805	..	..	..	Do.	Divine Son by T. V. Ratnam.
1806	..	..	..	Do.	Sultan Jalal-uddin and Ferozshah punishing Khwaja Hassan.
1807	..	..	..	Do.	Father Ali Muruthuza giving instructions to his two sons, Hussain and Hassan.
1808	..	..	..	Do.	Gulam Ahmed Khan witnessing dancing.
1809	..	..	..	Do.	Gulam Ahmed Khan Bahadur in his harem.
1810	..	..	..	Do.	Procession of Gulam Ahmed Khan.
1811	..	..	..	Do.	Farmer's family by Krishna Reddy.
1812	..	..	..	Do.	Palms and Huts by S. K. Mukerjee.
1813	..	..	..	Do.	Preaching Ahimsa by L. Munuswami.
1814	..	..	..	Do.	Landscape by T. R. P. Mookiah.
1815	..	..	..	Do.	Railway station by P. K. Prabhakar.
1816	..	..	..	Do.	Mother and child by K. C. S. Paniker.
1817	..	..	..	Do.	Old Bungalow by P. Perumal.
1818	..	..	..	Do.	Mathuraiviran.
1819	..	..	..	Do.	Subrahmanya on Peacock.
1820	..	..	..	Do.	Corporation Band by C. S. N. Patnaik.
1821	..	..	..	Do.	Cock Fight by Reddappa Naidu.
1822	..	..	..	Do.	Catholic church by Mukerjee.
1823	..	..	..	Do.	Pandit Nehru by S. N. Chamkur.
1824	..	..	..	Do.	Yellow Rice Fields by Affandi.
1825	..	..	..	Do.	Egmore Church by Murugesan.
1826	..	..	..	Do.	Boats on canal by K. C. S. Paniker.
1827	..	..	..	Quarter	Inscribed stone slab.
1828	..	..	..	Small	Copper plate grant of Krishna Deva Raya No. 19.
1829	..	..	..	Do.	Stone inscription of Surya Sataka.
1830	..	..	..	Do.	Inscribed kuthavilakku (No. 78).
1831	..	..	..	Do.	Inscribed Bell No. 118/50.
1832	..	..	..	Do.	Inscribed Tripod 73-12/43.
1833	..	..	..	Do.	Inscribed Buddha (bronze) No. 35.
1834	..	..	..	Do.	Copper plate grant of Madura Nayak No. 8.
1835	..	..	..	Half.	Interior view of the Bronze Gallery—Mezzanine floor.

APPENDIX V—cont.

List of photo negatives added during the year 1966-67—cont.

ARCHAEOLOGY—cont.

<i>Film number.</i>				<i>Size.</i>	<i>Description.</i>
(1)				(2)	(3)
1836	..	..	..	Half.	Interior view of the Bronze Gallery—Ground Floor.
1837	..	..	..	Do.	Mahavira, Vysarpadi, Madras.
1838	..	..	..	Do.	Construction by Hebbar.
1839	..	..	..	Do.	Street Scene by R. Krishna Rao.
1840	..	..	..	Do.	Fishes of Jakarta by Affandi.
1841	..	..	..	Do.	We three by G. N. Murti.
1842	..	..	..	Do.	Lure of the Flute : Shantilal. M. Shah.
1843	..	..	..	Do.	House on Fire by N. Sadar.
1844	..	..	..	Do.	Clouds and canal by D. G. Patel.
1845	..	..	..	Do.	An old man by Robert chisolm.
1846	..	..	..	Do.	Woman with a pot by Sultan Ali.
1847	..	..	..	Do.	Message to Lord Krishna by G. N. Murti.
1848	..	..	..	Do.	Christ in the Garden by Justice M. Anantanarayanan.
1849	..	..	..	Do.	Kashmir landscape by S. Das Gupta.
1850	..	..	..	Do.	Bronze lamp.
1851	..	..	..	Do.	Block printed cloth (Big).
1852	..	..	..	Do.	Printed Prayer cloth (Small).
1853	..	..	..	Do.	Young Mother.
1854	..	..	..	Do.	Blue Door.
1855	..	..	..	Do.	Life and River.
1856	..	..	..	Do.	Temple steps.
1857	..	..	..	Do.	Vinadhara (National Art Gallery).
1858	..	..	..	Small.	Buddha taking bath.
1859	..	..	..	Do.	Saptamatika, Tripurantakam.
1860	..	..	..	Do.	Do.
1861	..	..	..	Quarter.	Oil can with handle.
1862	..	..	..	Do.	Spouted water vessel.
1863	..	..	..	Do.	Head (wood carving).
1864	..	..	..	Do.	Lamp and Hookah.
1865	..	..	..	Do.	Hand Kavacham.
1866	..	..	..	Do.	Kavacham for the head.
1867	..	..	..	Do.	Kavacham for the leg.
1868	..	..	..	Half.	Body Kavachams.
1869	..	..	..	Do.	Kavacham for Head.
1870	..	..	..	Do.	Pithans.

CHILDREN'S SECTION.

<i>Serial number.</i>	<i>Negative number.</i>	<i>Size.</i>	<i>Particulars.</i>
(1)	(2)	(3)	(4)
1	F 34	$\frac{1}{2}$ size (Film)	S. S. Irwin.
2	F 35	5.5 x 5.5 c.m. (Film).	Interior view of the Museum Theatre.
3	F 36	..	Interior view of the Museum Theatre showing seating arrangements.
4	F 37	..	Exterior view of the Museum Theatre.
5	F 38	..	Children studying the costumes of India exhibit in the gallery.
6	F 39	..	School children in the Children's Gallery.
7	F 40	..	The globe model with an artificial satellite in orbit.

APPENDIX VI.

PRICE LIST OF MADRAS GOVERNMENT MUSEUM BULLETINS
(NEW SERIES).

Note.—Orders for copies of the publications should be accompanied by remittance to cover the cost and postage. For the trade terms, the Director of Museums, Government Museum, Madras, should be addressed.

<i>Volume and number.</i>	<i>Description.</i>	<i>of Number pages.</i>	<i>of Number plates.</i>	<i>Price.</i>	<i>Rates after allo- wing 25 per cent discount.</i>
(1)	(2)	(3)	(4)	(5)	(6)
				RS. P.	RS. P.
NATURAL HISTORY SECTION.					
† Vol. I, No. 1, 1927 ..	The Littoral Fauna of Krusadai Island in the Gulf of Mannar, with appendices on the vertebrates and plants. By various authors.	196	26	8 00	6 00
† Vol. I, No. 2, Part I, 1933.	Supplement to the Littoral Fauna of Krusadai Island in the Gulf of Mannar—Polychaeta by P. Fauvel, Pycnogonida by B. Sundara Raj and Alpheidae by F. H. Gravely.	79	1	2 00	1 50
† Vol. I, No. 2, Part 2, 1931.	Three Species of Alcyonaria. By Sydney J. Hickson, F.R.S. (with three text figures).	9	Nil.	0 25	0 19
† Vol. I, No. 2, Part 3, 1936.	Scyphomedusae of Krusadai Island By M.G.K. Menon, M.A.	9	1	0 50	0 38
† Vol. I, No. 2, Part 4, 1937.	Supplement to the Littoral Fauna of Krusadai Island in the Gulf of Mannar—Porifera. By M. Burton, D.Sc.	58	9	1 87	1 41
† Vol. I, No. 2, Part 5, 1943.	The Foraminifera of Krusadai Island in the Gulf of Mannar. By C. P. Gnanamuthu, M.A., D.Sc., F.Z.S.	21	4	1 37	1 03
Vol. I, No. 2, Part 6 ..	Amphineura and Gastropoda of Krusadai Island. By S. Thomas Satvamurti, M.A., F.Z.S.	267	24	10 75	8 07
Vol. I, No. 2, Part 7 ..	Scaphopoda, Pelecypoda and Cephalopoda of Krusadai Island. By S. T. Satyamurti, M.A., D.Sc., F.Z.S.	202	30	9 37	7 02
† Vol. II, 1929	The Flowering Plants of the Madras City and its immediate neighbourhood. By P. V. Mayuranathan, B.A., Botanical Assistant, Madras Museum.	245	88	8 00	6 00
Vol. III, No. I, 1930 ..	The Scyphomedusae of Madras and the neighbouring Coast. By M. G. K. Menon, M.A., Research Scholar, Madras University Zoological Laboratory.	26	3	1 12	0 84
Vol. III, No. 2, 1932 ..	The Hydromedusae of Madras. By M. G. K. Menon, M.A.	32	3	1 12	0 84
Vol. III, No. 3, 1933 ..	The Life Histories of Decapod Crustacea from Madras. By M. Krishna Menon, M.A.	45	10	Bound in one volume. 2 37	1 78
Vol. III, No. 4, 1933 ..	Sazitta of the Madras Coast. By C. C. John, M.A., D.Sc.	10	1		

† This number is reserved for supplements to Krusadai Island Fauna.

‡ Out of stock.

Volume and number.	Description.	of Number pages.	of Number plates.	Price.	Rates after allo- wing 25 per cent discount.
(1)	(2)	(3)	(4)	(5)	(6)
				RS. P.	RS. P.
NATURAL HISTORY SECTION— <i>cont.</i>					
Vol. III, No. 5, 1937 ..	Decapod Larvae from the Madras Plankton. By M. Krishna Menon M.A., M.Sc.	55	9	1 87	1 41
Vol. III, No. 6, 1940 ..	Decapod Larvae from the Madras Plankton—II. By M. Krishna Menon, M.A., M.Sc.	47	8	1 50	1 13
Vol. IV, No. 1, 1931 ..	The Indian Species of Genus <i>Caraluma</i> (Fam. Asclepiadaceae). By F. H. Gravely, D.Sc., and P. V. Mayuranathan, B.A., Government Museum, Madras.	28	4	1 50	1 13
† Vol. IV, No. 2, 1938 ..	Supplement to the Flowering Plants of Madras City and its immediate neighbourhood. By E. Barnes, D.Sc.	46	7	1 67	1 26
Vol. V, No. 1, 1941 ..	Shells and other Animal Remains found on the Madras Beach. I Groups other than snails, etc. By F. H. Gravely, D.Sc.	112	Nil.	3 12	2 34
† Vol. V; No. 2, 1942 ..	Shells and other Animal Remains found on the Madras Beach. I Snails, etc. (Mollusca Gastropoda). By F.H. Gravely, D.Sc.	110	Nil.	2 75	2 07
Vol. VI, No. 1, 1949 ..	The Thaliacea of the Madras Plankton, By R. Velappan Nair, M.Sc.	41	6	1 75	1 32
Vol. VI, No. 2, ..	Cirripedia of the Madras Coast. By A. Daniel.	40	16	2 37	1 78
Vol. VI; No. 3, 1959 ..	The Amphipoda of the Madras Coast. By K. Nagappan Nair, M.Sc.	59	16	4 35	3 27
Vol. VI, No. 4, 1960 ..	The Land and Freshwater Mollusca in the Collection of the Madras Government Museum. By S. T. Satyamurti, M.A., D.Sc., F.Z.S.	174	21	13 00	9 75
1960	Guide to the Snakes exhibited in the Reptile Gallery. By S. T. Satyamurti, M.A., D.Sc., F.Z.S.	25	..	0 75	0 57
1961	Guide to Snakes exhibited in the Reptile Gallery (Tamil). By S. T. Satyamurti, M.A., D.Sc., F.Z.S.	26	18	0 62	0 47
1962	Guide to the Lizards, Crocodiles, Turtles and Tortoises exhibited in the Reptile Gallery. By S. T. Satyamurti, M.A., D.Sc., F.Z.S.	45	28	1 37	1 03
1963	Guide to the Galleries of Foreign Animals, General Zoology, Skeletal exhibits and Amphibians. By S. T. Satyamurti, M.A., D.Sc., F.Z.S.	65	40	3 00	2 25
1964	Guide to the Mammal Gallery by S. T. Satyamurti, M.A., D.Sc., F.Z.S.	73	45	2 36	1 77
1965	Guide to the Fish Gallery by S. T. Satyamurti, M.A., D.Sc. F.Z.S.	85	56	3 60	2 70

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Vol. I, No. 3, 1934 ..	Tiruparuttikundram and its temples with appendices on Jaina units of measurement and time, cosmology and classification of souls. By T. N. Rama- chandran, M.A.	200	37	11 25	8 44
Vol. II, No. 1, 1930 ..	The Adichanallur skulls. By S. Zuckerman, M.A., M.R.C.S., L.C.C.P., with Notes by Prof. G. Elliot Smith, F.R.S.	24	3	1 37	1 03
Vol. II, No. 2, 1931 ..	The Sri Vaishnava Brahmins. By Diwan Bahadur K. Rangachari, M.A., L.T.	158	22	5 75	4 32
Vol. III, No. 3, 1931 ..	Catalogue of the Musical Instru- ments exhibited in the Govern- ment Museum, Madras. By P. Sambamurthi, B.A., B.L., (Revised Edition).	32	14	2 25	1 69
† Vol. II, No. 4, 1937 ..	Social and Physical Anthropology of the Nayadis of Malabar. By A. Aiyappan, M.A.	141	12	3 12	2 34
Vol. III, No. 1, 1934 ..	The Three Main Styles of Temple Architecture recognized by the Silpasastras. By F. H. Gravely, D.Sc., and T. N. Ramachandran, M.A. (Reprint).	26	2	1 10	0 33
Vol. III, No. 2, 1936 ..	An Outline of Indian Temple Architecture. By F. H. Gravely, D.Sc. (Reprint).	20	2	0 50	0 38
† Vol. III, No. 3, 1938 ..	Catalogue of Venetian Coins in the Madras Government Museum.] By T. G. Aravamuthan, M.A., B.L.	59	1	1 50	1 13
Vol. III, No. 4	Indian Epigraphy and South Indian Scripts. By C. Sivarama- murthi, M.A. (Reprint).	280	12	13 55	10 17
1939	Guide to the Archaeological Galle- ries. An Introduction to South Indian Temple Architecture and Sculpture. By F. H. Gravely, D.Sc., and C. Sivaramamurthi, M.A., and other Curators (Reprint).	50	4	0 55	0 42
1939	Illustrations of Indian Sculpture— Mostly Southern. For use with the Guide to the Archaeological Galleries. By F. H. Gravely, D.Sc., and C. Sivaramamurthi, M.A. (Reprint).	..	45	0 95	0 72
Vol. IV, 1942	Amaravati Sculptures in the Madras Government Museum. By C. Sivaramamurthi, M.A. (Reprint).	376	65	16 50	12 38

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<i>Volume and number.</i>	<i>Description.</i>	<i>of Number pages.</i>	<i>of Number plates.</i>	<i>Price.</i>	<i>Rate after allow- ing 25 per cent discount.</i>
(1)	(2)	(3)	(4)	(5)	(6)
				RS. P.	RS. P.
GENERAL SECTION (WITH SEPARATE VOLUMES FOR ANTHROPOLOGY AND ARCHAEOLOGY RESPECTIVELY)—cont.					
† Vol. V, No. 1, 1944 ..	Iravas and Culture Change By A. Aiyappan, M.A., P.H.D. (Lon- don).	204	12	16 60	12 45
Vol. VI, No. 1, 1952 ..	Possible Sumerian Survivals in Toda Ritual. By H. R. H. Prince Peter of Greece, M.A. (Hry), LTD.	24	10	6 25	4 69
† 1952	Madras Government Museum Cen- tenary Souvenir (1851-1951).	158	12	5 00	3 75
1952	Guide to the Buddhist Antiquities, By A. Aiyappan and P. R. Sriniv- asan (Reprint).	54,	12	0 80	0 60
Vol. VII, No. 1, 1954 ..	Nagapattinam Bronzes. By T. N. Ramachandran (Reprint).	156	30	9 70	7 28
1953	Coins of India Through the ages ..	17	3	0 40	0 30
1957	Early Eastern Chalukyan Sculpture. By C. Sivaramamurthi (Reprint).	71	35	2 90	2 18
Vol. VII, No. 3, 1959 ..	Select Satavahana Coins in the Madras Government Museum. By M. Rama Rao, M.A., P.H.D.	23	2	1 75	1 32
† Vol. VII, No. 4, 1959 ..	Beginnings of the Traditions of South Indian Temple Architec- ture. By P. R. Srinivasan, M.A.	34	..	1 70	1 28
Vol. VII, No. 5, 1959 ..	The Gopuras of Tiruvannamalai. By F. H. Gravely, D.Sc.	8	13	5 90	4 43
1960	Handbook of Museum Technique, Edited by A. Aiyappan, M.A., P.H.D., and S. T. Satyamurti, M.A., D.Sc., F.Z.S.	228	11	2 75	2 07
1960	Scripts in and around India. By V. Kanniyar, B.A.	46	..	2 70	2 03
1961	Kalaichelvangal, (Tamil). By R. Nagaswamy, B.A. (Hons.).	68	40	1 00	0 75
1962	Pazankala Panpadum Pazam Kudi- kalin Panpadum (Tamil). By C. J. Jayadev, M.A.L.T., and M. Raghupathy, M.A., M.A.	61	33	1 60	1 20
Vol. VIII, 1963	Bronzes of South India. By P. R. Srinivasan, M.A.	396	205	57 00	42 75
1964	Hand book of the Madras Govern- ment Museum. Edited by S. T. Satyamurti, M.A., D.Sc. F.Z.S.	154	160	5 40	4 05
1964	Guide to the Anthropological exhi- bits by C. J. Jayadev, M.A.	47	37	1 05	0 79
Vol. IX, No. 1, 1964 ..	Nolamba Sculptures by C. Siva- ramamurthi, M.A.	30	45	14 12	10 59
1965	A. Guide to the Children's Gallery by A. Vimala.	18	14	1 25	0 94
Vol. X, No. 1, 1966 ..	The Glaciations and the Prehistoric Ages by M. D. Raghavan.	22	7	1 60	1 20
1966	Guide to the Principle exhibits in the Government Museum, Puduk- kottai by M. S. Chandrasekhar.	120	35	5 00	3 75
Vol IX, No. 2, 1966 ..	The Dowlaishweram Hoard of Eastern Chalukyan and Chola Coins by T. Balakrishnan Nair, M.A. (Madras), M.A. (London).	22	4	4 80	3 60

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	Description.	Price.	Less 25 per cent discount.
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		RS. P.	RS. P.
† 1	Catalogue of Pre-historic Antiquities—By R. Bruce Foote—1901 ..	5 25	3 94
	2 The Foote Collection of Indian Pre-historic and Proto-historic Antiquities. Catalogue Raisonné—By R. Bruce Foote—1914 ..	2 00	1 50
	3 Catalogue of Pre-historic Antiquities from Adichanallur and Perumbair—By A. Rea—1915.	1 50	1 13
	4 The Foote Collection of Indian Pre-historic and Proto-historic Antiquities. Notes on their Ages and Distribution—By R. Bruce Foote—1916.	9 75	7 32
	5 Catalogue of Exhibits in the Economic Products Section except wood specimens—By S. N. Chandrasekhara Ayyar—1921.	2 12	1 59
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	8 Gramophone records of the languages and dialects of the Madras Presidency. Text of Passages.	1 25	0 94
†	9 Catalogue of Batrachia, Salientia and Apoda (Frogs, Toads and Coccilliance of South India)—By E. Thurston—1858.	2 50	1 88
†	10 Guide to the Natural History and Mineral Galleries—1890	0 13	0 10
†	11 Science Series No. 1—Preliminary Report on the Marine Fauna of Rameswaram—1887.	0 62	0 47
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† 2	No. 3 Rameswaram Island and Fauna of the Gulf of Mannar. By E. Thurston—1895.	1 50	1 13
† 3	Vol. II. No. 1 Anthropology: Badagas and Irulas of the Nilgiris, Paniyans of Malabar! A. Chinese. Tamil Gross, A. Cheruman skull: Kuruba or Kurumba; summary of results. By E. Thurston—1897.	2 00	1 50
† 4	Vol. II. No. 2 Anthropology: Eurasians of Madras and Malabar; Note on Their Tattooing, etc. By E. Thurston—1898.	1 00	0 75
† 5	Vol. III. No. 2 The Sea Fisheries of Malabar and South Kanara. By E. Thurston—1900.	1 25	0 94
† 6	Vol. III. No. 3 Anthropology: Nayars of Malabar. By F. Fawcett—1901.	1 50	1 13
† 7	Vol. IV. No. 2 Anthropology: The Dravidian Head: Yanadis of Nellore—1902.	00	0 75
† 8	Vol. IV. No. 3 Anthropology: Some Marriage Customs in South India; Deformity and Mutilation; Uralis, Sholagas and Irulas; Fire-walking in Ganjam, Corporal punishment in vernacular schools—1903.	0 75	0 57
† 9	Vol. V. No. 1 Anthropology: Vision of the Uralis and Sholagas; More marriage customs in Southern India; Hook-swinging Puliayans—1903.	1 00	0 75

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TRADE TERMS.

- ## APPENDIX VII.

(A) RECEIPTS.

											Amount.	
											RS.	P.
1	Sale of Photos	857	00
2	Sale of Photo Album
3	Sale of coins	...	...	...	...	...	...	...	...	...	226	96
4	Sale of Metal casts of coins	...	..	..	..	..	..	..	..	..	300	00
5	Sale of Replicas of Rama, Sita and Nataraja	...	..	..	..	..	..	..	..	..	5,400	00
6	Theatre advance	...	...	...	...	...	...	...	...	...	9,319	07
7	Sale of Microfilm copies	...	...	...	...	...	...	...	...	...	160	74
8	Other Miscellaneous Receipts	..	..	..	..	..	..	..	..	...	3,480	74
9	Sale of Publications	..	..	...	..	..	..	..	..	..	6,614	19
10	Sale of Picture Post Cards	..	..	...	..	..	..	..	..	..	399	70
11	Museum Theatre Rent	..	...	..	..	..	...	..	..	..	7,655	00
	Do. Lawn rent	...	...	..	..	..	..	..	..	..	78	00
12	Centenary Exhibition Hall Rent	..	..	..	..	..	..	..	..	..	751	00
13	Museum Restaurant Rent	..	..	..	..	..	...	..	..	..	2,681	00

(B) *Expenditure.*27. *Scientific Departments—c. Museums.*

	RS.	P.
1. Pay of Officers	16,161	00
2. Pay of Establishment	1,44,794	00
3. Allowances—		
Travelling Allowance	2,208	00
Dearness Allowance	87,568	00
Other Allowance	21,029	00
4. Office Contingencies—		
Office Expenditure	54,482	00
Cost of Contingent Staff	2,193	00
Other items	74,247	00
5. Other Charges—		
Apparatus and Materials		
Cost of specimens	33,539	00
Other charges		
6. Maintenance of Padmanabhapuram Palace and Museum of Antiquities	48,683	00
d. Development Schemes—(ii) Schemes in the IV Five-Year Plan—		
A. Improvements to Government Museums at Madras and Pudukkottai		
1. Apparatus and Materials	18,472	00
2. Cost of specimens	29,613	00
b. Grants-in-aid and Donations to Scientific Societies and Institutes		
Grants to—		
The Gandhi Smarak Sangrahalaya, Madurai	25,000	00
The Numismatic Society of India, Varanasi	600	00
The Museums Association of India, New Delhi	300	00

APPENDICES RELATING TO THE GOVERNMENT MUSEUM, PUDUKKOTTAI.

APPENDIX A.

Monthwar list of visitors during the Academic year 1966-67.

Year.	Month.	Number.
(1)	(2)	(3)
1966	April	6,129
	May	8,000
	June	8,403
	July	6,893
	August	7,111
	September	6,309
	October	5,952
	November	6,656
	December	7,464
1967	January	5,537
	February	6,202
	March	7,834
		<hr/>
		82,490

APPENDIX B.

List of Schools which visited the Museum during 1966-67.

<i>Serial number and date.</i>	<i>Name of institution.</i>	<i>Staff.</i>	<i>Students.</i>
(1)	(2)	(3)	(4)
1 5th April 1966 ..	Panchayat Union Elementary School, Karamba-kudi.	2	21
2 7th April 1966 ..	Panchayat Union Elementary School, Kunnandarkoil.	1	36
3 11th April 1966 ..	Panchayat Union Higher Elementary School, Mannargudi.	13	49
4 16th April 1966 ..	Panchayat Union Elementary School, Kunnandar Koil.	1	9
5 22nd April 1966 ..	Municipal School, Sannadi Street, Pudukkottai.	10	60
6 6th May 1966 ..	Panchayat Union School, Musiri	3	22
7 15th July 1966 ..	Ramanathan Chettiar High School, Nachendupatti.	2	46
8 16th July 1966 ..	Police Boys' Club	2	40
9 16th July 1966 ..	Panchayat Union School, Mallangudi	2	12
10 27th July 1966 ..	Nehru English School, Tiruchirappalli	10	70
11 28th July 1966 ..	Child Trust School, Pudukkottai	1	30
12 9th August 1966 ..	K.C.C. Elementary School, Tirumayam ..	2	9
13 17th August 1966 ..	Panchayat Union Higher Elementary School, Ulayoor.	7	75
14 20th August 1966 ..	C. M. School, Panayampatti	2	20
15 20th August 1966 ..	Beys' High School, Pudukkottai	3	70
16 20th August 1966 ..	S. M. High School, Arantangi	1	25
17 20th August 1966 ..	Board High School, Pudukkottai	1	41
18 20th August 1966 ..	K. B. S. School, Pudukkottai	3	65
19 27th August 1966 ..	Christ Higher Elementary School, Irudayapuram.	8	40
20 30th August 1966 ..	Panchayat Union Elementary School, Alangudi taluk.	3	27
21 3rd September 1966 ..	Panchayat Union Elementary School, Tirumayam taluk.	1	8
22 3rd September 1966 ..	Panchayat Union Elementary School, Kulathur taluk.	1	14
23 4th September 1966 ..	Kuruvikondanpatti Elementary School, Tirumayam.	3	12
24 17th September 1966 ..	T. M. High School	1	5
25 17th September 1966 ..	R. C. School, Pudukkottai	1	148
26 17th September 1966 ..	Railway Training School, Golden Rock ..	1	13
27 22nd September 1966 ..	St. Charles High School, Tiruchirappalli ..	1	12
28 24th September 1966 ..	Saraswathi School, Kummangudi	1	20
29 24th September 1966 ..	Kudimiyamalai School, Pudur	2	18
30 28th September 1966 ..	B. P. V. Sala School, Aruppukkottai	1	91
31 10th October 1966 ..	Sivakami High School, Tanjore district ..	9	44
32 12th October 1966 ..	S. B. F. Elementary School, Ramanathapuram.	6	99
33 13th October 1966 ..	Panchayat Union Higher Elementary School, Marungapuri.	6	15
34 23rd October 1966 ..	Women Welfare Centre, Machavadi	1	26
35 30th October 1966 ..	B. H. School, Chinnadarapuram	7	70
36 19th November 1966 ..	Panchayat Union Elementary School, Tirumayam.	1	34
37 21st November 1966 ..	Government Training School, Periyar	2	48
38 25th November 1966 ..	Panchayat Union School, Ponnamaravathi ..	2	20
39 26th November 1966 ..	Panchayat Union School, Tirumayam	2	20
40 26th November 1966 ..	Panchayat Union School, Annavasal	1	13
41 26th November 1966 ..	Senior Basic Training School, Pudukkottai ..	3	35
42 2nd December 1966 ..	Hazaradulla Jaria Higher Elementary School, Pudukkottai.	5	120
43 3rd December 1966 ..	Panchayat Union Elementary School, Kunnandarkoil.	2	15

APPENDIX B—cont.

List of schools which visited the Museum during 1966-67—cont.

<i>Serial number and date.</i>	<i>Name of institution.</i>	<i>Staff.</i>	<i>Students.</i>
(1)	(2)	(3)	(4)
44 4th December 1966 ..	Tirumayam Panchayat Union School, Pillaimangalam.	2	16
45 15th December 1966 ..	Poovarasakudi Panchayat Union Elementary School.	1	9
46 15th December 1966 ..	Middle School, Needamangalam	18	80
47 17th December 1966 ..	Panchayat Union Elementary School, Annavasal.	2	20
48 18th December 1966 ..	Panchayat Union School, Killiyur	1	20
49 20th December 1966 ..	Punite Mariayi High School	1	28
50 20th December 1966 ..	Government High School, Jalakantapuram, Salem.	14	44
51 22nd December 1966 ..	Perumanad Panchayat Union Higher Elementary School, Annavasal.	1	16
52 22nd December 1966 ..	Maha Ganapati Higher Elementary School, Tirumaloor.	2	10
53 4th January 1966 ..	Panchayat Union School, Vadiripatti	1	13
54 10th January 1966 ..	Karaikudi Agricultural Training	3	29
55 12th November 1967 ..	Marungapuri Panchayat Union Elementary School, Pudukkottai.	3	20
56 18th January 1967 ..	Municipal Higher Elementary School, Rajagopalapuram.	16	59
57 19th January 1967 ..	Municipal Higher Elementary School Rajagopalapuram.	3	78
58 21st January 1967 ..	Town High School, Kumbakonam	7	50
59 21st January 1967 ..	Government High School, Sadayampatti ..	2	25
60 21st January 1967 ..	Panchayat Union Elementary School, Kulavai-patti.	1	23
61 4th February 1967 ..	Chidambaram Chettiar High School, Kottaiyur.	2	60
62 7th February 1967 ..	St. Joseph's Girls' High School, Poonamalai, Tiruchirappalli.	5	68
63 7th February 1967 ..	Uyyakondan R. C. Higher Elementary School.	2	68
64 12th February 1967 ..	Chidambaram Chettiar Girls' High School, Kottaiyur.	4	67
65 10th February 1967 ..	Chudampatti Higher Elementary School ..	3	47
66 18th February 1967 ..	Sivakami Ammal High School, Rangiem ..	4	87
67 19th February 1967 ..	Kothakottai Panchayat Union Higher Elementary School.	3	42
68 25th February 1967 ..	Fathima High School, Tirumayam	3	49
69 25th February 1967 ..	Tirumayam Panchayat Union School, Tirunadampathi.	1	24
70 26th February 1967 ..	Government Syed Murchase High School, Tiruchirappalli.	3	70
71 28th February 1967 ..	Tiruvangulam Panchayat Union School ..	1	24
72 2nd March 1967 ..	Pudakkottai Municipal School	5	76
73 2nd March 1967 ..	Machurai Arch Susaiyar School	7	75
74 4th March 1967 ..	Panchayat Union Higher Elementary School, Chakottai.	5	36
75 4th March 1967 ..	Government High School, Tirumayam ..	2	70
76 4th March 1967 ..	H. H. School, Kha Vayar	1	29
77 4th March 1967 ..	K. S. B. School, Pudukkottai	11	290
78 4th March 1967 ..	R. C. Aided Elementary School, Tiruchirappalli.	8	72
79 4th March 1967 ..	B. G. High School, Pudukkottai	1	26
80 6th March 1967 ..	R. C. Senior Basic School, Thanjavur ..	5	87
81 7th March 1967 ..	Municipal School, Periyakulam	25	40
82 8th March 1967 ..	Town High School Kumbakonam	6	55
83 8th March 1967 ..	Sri Ganesar Higher Elementary School, Viswanathapuram.	6	150
84 9th March 1967 ..	Avaiyar Panchayat Union School	8	67
85 9th March 1967 ..	Raja Middle School, Bikshandarkoil	3	70
86 10th March 1967 ..	Panchayat Union Higher Elementary School, Aarasudi.	2	

APPENDIX B—cont.

List of schools visited the Museum during 1966-67—cont..

Serial number and date.	Name of institution.	Staff.	Students.
(1)	(2)	(3)	(4)
87 14th March 1967 ..	Palakarai Rakshagar Koil School	4	64
88 15th March 1967 ..	Vlaga Rakshagar & Koil School, Tiruchirappalli.	4	55
89 16th March 1967 ..	Ulaga Rakshagar Koil School, Tiruchirappalli.	6	80
90 16th March 1967 ..	Tiruchirappalli Central Jail Higher Elementary School.	5	40
91 18th March 1967 ..	Panchayat Union School, Tiruvarangulam ..	1	15
92 18th March 1967 ..	Devanagar High School, Aruppukottai ..	17	29
93 30th March 1967 ..	Vivekananda Vidyavanam High School, Tiruchirappalli.	3	71
94 31st March 1967 ..	Tiruthalaiyar Government High School ..	4	37
95 31st March 1967 ..	Roman Catholic Higher Elementary School, Sivaganga taluk.	3	86
		407	4,447

APPENDIX C.

Statement showing the receipts and expenditure in the Government Museum, Pudukkottai, for the year 1966-67.

(A) Receipts.

	RS.
Sale of Handy Guides—	
(1) A Guide to the Principal Exhibits to the Government Museum, Pudukkottai.	5 × 5 25.00
(2) English (Handy Guides)	0.05 × 10 0.50
(3) Tamil (Do.)	0.10 × 143 14.30
Total ..	39.80

(B) Expenditure.

head : 27. Scientific Departments—A. A. Museums.

(1)	Final Revised Estimate, 1966-67.	Actuals.
	(2)	(3)
	RS.	RS. P.
2 Pay of Establishment	16,000	15,982 00
3 Allowances—		
Travelling Allowance	324	324 00
Dearness Allowance	9,192	9,182 00
Other Compensatory Allowance	882	772 00
4 Office contingencies—		
Office Expenditure—		
Furniture and Fittings	251	253 35
Rates and taxes	468	478 75
Cost of contingent staff—		
Pay	528	528 00
Dearness Allowance	1,136	1,156 00
Special Compensatory Allowance	408	408 00
Other items—		
5 Other charges	2,307	2,181 96
Other charges	217	237 00
	31,651	31,503 66

Plan.]

	RS.	SA. P.
4. Developments Schemes —(ii) Schemes in the Fourth Five Year-Plan—		
Improvements to Government Museum at Madras and Pudukkottai—		
1 Apparatus and Materials	900	554 00
2 Cost of specimens	—	—
	900	554 00

APPENDIX D.

List of books added in the library during 1966-67.

- 1 Man in India Vol. 46 No. 1 January—March 1966.
- 2 Man in India Vol. 46 No. 2 April—June 1966.
- 3 Man in India Vol. 46 No. 3 July—September 1966.
- 4 Man in India Vol. 46 No. 4 October—December 1966.
- 5 Marg. Vol. XIX No. 2 March 1966.
- 6 Marg. Vol. XIX No. 3 June 1966.
- 7 Marg. Vol. XIX No. 4 September 1966.
- 8 Marg. Vol. XX No. 1 December 1966.
- 9 Journal of Bombay Natural History Society Vol. 62 No. 3 December 1965.
- 10 Journal of Bombay Natural History Society Vol. 63 No. 1 April 1965.
- 11 Cultural Form Vol. VII No. 3 April 1965.
- 12 Cultural Form Vol. VII No. 4 July 1965.
- 13 Cultural Forum Museology—Number—Vol. VIII Nos. 1 and 2 January 1966.
- 14 Studies in Museology Vol. II—1966.
- 15 Indian Museum Review 1961-64.
- 16 Guide to the Fish Gallery—Dr. S. T. Satyamurti.
- 17 The Nagapattinam and other Buddhist Bronzes in the Madras Museum—Vol. VII No. 1—T. N. Ramachandran.
- 18 Indian Epigraphy and South Indian Scripts—O. Sivaramamurti—Vol. III No. 4—1966.
- 19 Guide to the principal exhibits in the Government Museum, Pudukkottai—M. S. Chandrasekar.
- 20 The glaciations and prehistoric ages—M. D. Raghavan.
- 21 The Museum Manual of the Government Museum, Madras and Pudukkottai.
- 22 Satabda Kaumudi—Centenary volume—Central Museum—Nagpur—1964.
- 23 The preservation of Biological specimens—Dr. S. T. Satyamurti.
- 24 Administrative problem in the Indian Museums—Dr. S. T. Satyamurti.
- 25 'Curator' a quarterly publication the American Museum of natural history on 'Modernization of Madras, Museum'—Dr. Satyamurti.
- 26 Training of Technical Personal conservation—Paul Coremans.
- 27 Writing method without errors—in Tamil.
- 28 Glossary of Technical terms of the Electrical Inspectorate—1966.
- 29 General glossary of Technical terms—English—Tamil—1966.
- 30 Supplementary Glossary of the Archaeological Department—1966.
- 31 Birds of prey of the world—Grossman and Hamlet.
- 32 Madras Service Manual—Vol. I—State and Subordinate Services—1966.
- 33 The 'Patola' of Gujarat—A. N. Gailati.
- 34 Cultural Forum—Problems and trends in Museology.
- 35 Cultural Forum—Delhi Museums at a glance.



EDUCATION DEPARTMENT.

G.O. No. 1089, 29th June 1967.

Museums—Administration Report of Government Museum at Madras and Pudukkottai and National Art Gallery, Madras for 1966-67—Recorded.

READ—the following paper:—

Letter from the Director of Museums, dated 22nd May 1967,
No. 1508/67-E.

Order—No. 1089, Education, dated 29th June 1967.

Recorded.

(By order of the Governor)

S. KRISHNASWAMI,
Secretary to Government.

To the Director of Museums, Madras-8.

- .. Director of Secondary Education, Madras-6.
- .. Director of Higher Education, Madras-6.
- .. Accountant-General, Madras-18.
- .. Director-General of Archaeology in India, New Delhi.
- .. Revenue Department.
- .. Industries, Labour and Housing Department.
- .. Librarian, Madras Legislative Assembly Library, Madras-9.
- .. Director of Stationery and Printing, Madras-1. (with a copy of the Administration Report for printing and supply of copies as specified in the Director of Museum's letter with a copy of pages 1-3 of).
- .. Librarian, Secretariat Library, Madras-9.

