

The State Government (who would be extended financial assistance, as prescribed) have been advised to undertake appropriate arrangements for successful conduct of the Festival.

Research on Sports Medicine Scheme

1708. SHRI SATISHCHANDRA SITARAM PRADHAN: Will the Minister of CULTURE, YOUTH AFFAIRS AND SPORTS be pleased to state:

- (a) whether Government are planning to go for the research on sports medicine science; and
- (b) if so, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF CULTURE, YOUTH AFFAIRS AND SPORTS (SHRI TH. CHAOBA SINGH): (a) and (b) Government are keen, keeping in view and rapid advances in Sports Medicine and its contribution towards enhancing the performance of sportspersons at the international level, to encourage research in this field.

Sports scientists, including Physiologists, Psychologists Anthropometry Experts, Sports Medicine Experts, Bio-chemists, Bio-mechanic Experts and Nutritionists are employed by the Government. The Sports Scientists are deployed at the Faculty of Sports Sciences at Patiala and the Regional Centres of the Sports Authority of India at Bangalore, Calcutta, Gandhinagar and Delhi. In addition, Research Fellowships are awarded to young post-graduates, in different sports sciences, who are assigned research projects under the supervision of Sports Scientists posted in various Centres. The details of on-going research in the field of Medicine Science are enclosed in the Statement.

Statement

Research in Sports Medicine

(A) Research at NSNIS, Patiala in the field of Sports Medicine

- Influence of Herbal Medicine and Ergogenic Aids on performance.
- Effect of Nasodil a mechanical device to augment the Respiratory passage, for which a pilot project has been completed.

- Study of Ketoprofen Skin Batches acting as Anti-inflammatory Drug in place of Oral NSAID for early convalescence from Sports Trauma.
- Computerized injury Data Bank to see the Morbidity of injuries in different games & sports, for feed-back to the Coaches, for taking preventive steps and advising strength oriented programmes specially for vulnerable musculo-skeletal tissues.
- * Electrocardiograph as a means of functional diagnostics in evaluating the load in elite athletes.

(B) Projects undertaken by Reserach Fellows during the Year 1998-99 and 1999-2000

ANTHROPOMETRY

- * Evaluation of Physique and Body composition of some selected Budding Athletes.

G.T.M.T.

- Periodical Assessment of Motor Fitness and Form of Indian Throwers.
- Assessment of Physical Fitness of National Kabaddi Players
- * Longitudinal Study of Physical Fitness of National Level Boxers.

PHYSIOLOGY

- Anaerobic threshold and Oxygen Consumption as a Measure of Training Status in Female Athletes.
- Energy intake and outpet pattern of Sports Women in some specific High Performance Sports.
- Body Composition, Nutritional Status and Energy Expenditure Profile of Sportsmen in Some Specific High Performance Sports.
- Effect of Oral Ingestion of Lactic Acid on Performance of Sports Persons.

PSYCHOLOGY

- * A study of the comparative Effect of Biofeedback induced Relaxation on Concentration, Arousal, Visual Perceptual threshold, Psychomotor coordination and Psychomotor stability in elite athletes.

- Development and standardization of equipment based sports specific psychological tests for the assessment of athletes.
- A study of the Effect of Maximum Load on Psycho-physiological Changes and its Relationship with Personality Characteristics.
- * A Study of ongoing Psycho-physiological manifestation and cognitive experience associated with Mental Training of Sports Skills.

Registration of players at Taluka Level

1709. SHRI SATISCHANDRA:

SITARAM PRADHAN:

Will the Minister of CULTURE, YOUTH AFFAIRS AND SPORTS be pleased to state:

- (a) whether Government have decided to register all players (sportsmen) upto Taluka level; and
- (b) if so, what is the purpose behind the decision?

THE MINISTER OF STATE IN THE MINISTRY OF CULTURE, YOUTH AFFAIRS AND SPORTS (SHRI TH. CHAOBA SINGH) (a) and (b) A Sports Census (of sportspersons, who have participated at District/State/National Levels) has been taken up. The objective of the Sports is, inter alia, to create a data base in respect of participation in sports in India which would facilitate early identification of talent and assessment of sportspersons of potential for further training.

Preservation of Konark Monument

1710. MISS MABEL REBELLO: Will the Minister of CULTURE, YOUTH AFFAIRS AND SPORTS be pleased to state:

- (a) whether it is a fact that statues are breaking down in Konark because of the salinity, and upto now there were huge trees which protected the monument, but the super cyclone has destroyed all the trees and the monuments are endangered by further salinity;
- (b) how Government propose to protect this ancient heritage; and
- (c) whether Government have drawn any special plan for the same?