

महाराष्ट्र MAHARASHTRA

2015

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डा. शिवाजी शास्त्र-अमरावती  
ज. अमरावती

राजेश शर्मा  
मुद्रांक विक्रेता  
कोट अम.ला.न.4/86



MEMORANDUM OF UNDERSTANDING  
BETWEEN  
SHRI. SHIVAJI SCIENCE COLLEGE,  
DEPARTMENT OF ENVIRONMENTAL SCIENCE  
AMRAVATI  
AND  
AMRAVATI CANCER FOUNDATION, AMRAVATI

This Memorandum of Understanding (MOU) sets for the term and understanding between Shri Shivaji Science College, Amravati, Department Of Environmental Science, & Amravati Cancer Foundation, Amravati to work in co-ordination on certain below mentioned activities for betterment of environment and as an Institutional Social Responsibility.

## **Background :**

Environmental factors include agents (natural or man-made) encountered by humans in their daily life, upon which they have no or limited personal control.

Environmental carcinogens, in a strict sense, include outdoor and indoor air pollutants, as well as soil and drinking water contaminants. Lifestyle factors such as **tobacco** use, **diet**, and physical activity; certain types of infections; and environmental exposures to different types of chemicals and **radiation** add a boost to these. An increased risk of mesothelioma has consistently been detected among individuals experiencing residential exposure to asbestos, whereas results for lung cancer are less consistent.

Air pollution is a mixture of many different substances and the exact contents vary depending on what sources of pollution are nearby, your location, the time of year and even the weather.

"The **air** we breathe is filled with **cancer**-causing substances," said Kurt Straif, PhD, head of the IARC Monographs Section. "Outdoor **air pollution** is not only major **environmental** risk to health in general, it is the most important **environmental cancer** killer due to the large number of people exposed."

**Hygiene** is a set of practices performed for the preservation of health. According to the World Health Organization (WHO), "Hygiene refers to conditions and practices that help to maintain health and prevent the spread of diseases."

Nearly 40% of world's population (2.4 billion) have no access to basic sanitation. 5, 500 children die every day from diseases caused by contaminated food and water.

The majority of cancers, some 90–95% of cases, are due to environmental factors.

Despite overall decreases in incidence and mortality, cancer continues to shatter and steal the lives . Children are at Special Risk for Cancer due to Environmental Contaminants and should be protected.

Public and governmental awareness of environment influences cancer risk and other health issues has increased substantially in recent years as scientific and health care communities, policymakers, and individuals strive to understand and ameliorate the causes and toll of human disease.



**Purpose:**

Purpose/ goals of partnership:

- To create awareness among student .
- To maintain precautions regarding health and hygiene .
- Participation of student and staff in awareness program at society level.
- Sustainable management .
- To provide expertise services for conducting workshop, guest lecture and training, etc.
- A step towards social responsibility of our institute.
- To run outreach programme for betterment of environmental health and social health.
- Securing health systems
- Scale up disease control
- Empowerment of people to improve their health
- Mobilize sufficient sustainable resources
- Creating effective barriers that will prevent contamination & disease transmission
- Teaching good practices in relation to water purification and disposal
- Teaching how to identify and treat basic water and sanitation related illnesses
- Teaching effective end user operation and maintenance
- Impact of poor Sanitation to HIV/AIDS victims

The above goals will be accomplished by undertaking the activities:  
( List of activities that are planned for partnership attached)

**Reporting :**

- Precautionary measures , Guidelines and Suggestions in the form of literature will be provided by the Amravati surgical association to create cancer awareness.
- Students will prepare the reports of case studies related to environmental factors responsible for mutational changes.

**Funding:**

This MOU is not a commitment of Funds.

**Terms and Conditions:****From Amravati Cancer Foundation, Amravati :**

- Appreciation Certificate for Student who will participate in awareness camp outside college campus.
- Awareness camp, guest lectures and workshop in college campus.
- Provision and arrangement of free check up camp.

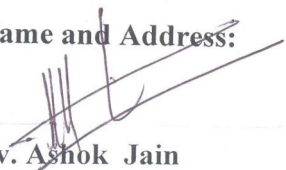
**From College:**


- Students and staffs participation in awareness camp, as per the college time table permits.
- Staff will provide expertise service to link role of environmental factors in cancer.

**Duration :**


This MOU is at will and may be modified by mutual consent of authorized official from Shri Shivaji Science College, Amravati , Department of Environmental Science and Amravati Cancer Foundation, Amravati. This MOU shall become effective upon signature by the authorized official from Shri Shivaji Science College, Amravati , Department of Environmental Science and Amravati Cancer Foundation, Amravati , this will remain in effect until modified or terminated by any one of the partners by mutual consents. In the absence of mutual agreement by the authorized official from Shri Shivaji Science College, Amravati , Department of Environmental Science and Amravati Cancer Foundation, Amravati, this MOU shall end after 3 years from date of agreement.

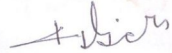
**Obligators Name and Address:**

  
**Adv. Ashok Jain**  
**President**  
Amravati Cancer Foundation,  
Amravati

  
**Dr. Rajendra Sign Arora**  
**Secretary**  
Amravati Cancer Foundation  
**Amravati**

**Signature of the grantee  
Department of Institution**

  
**Dr. Sangita P. Ingole**  
**Head Dept. of Env. Science,**  
**Shri Shivaji Science College**  
**Amravati**

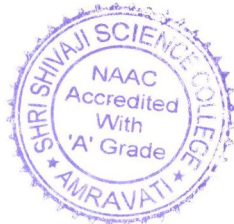
  
**Mr. K.J. Gawai**  
**Assist. professor**  
**Dept. of Env. Sci.**  
Shri Shivaji Science College,  
Amravati

**For office use only**

Accepted for and on behalf of the Principal, Shri Shivaji Science College, Amravati.

Witness

Name and address



(Name and Designation)

  
**Principal**  
**Shri Shivaji Science College**  
**AMRAVATI**

Shri Shivaji Science College, Amravati