

महाराष्ट्र शिक्षण समिती द्वारा संचलित

महाराष्ट्र महाविद्यालय, निलंगा



प्रमाणपत्र


प्रमाणपत्र देण्यात येते की, कुमर / कुमारी Pawar Divya
Netaji इयत्ता BCA IV हजेरी क्रमांक _____
शैक्षणिक वर्ष २०२३-२०२४ मधील प्रकल्प कार्य Nuclear Hazards
या विषयावर मार्गदर्शक शिक्षक / प्राध्यापकाच्या मार्गदर्शनाखाली अपेक्षित
सर्व कामकाज, माहिती संकलन व अहवाल लेखन विद्यापीठाच्या कला लेखन
नियमाप्रमाणे प्रकल्प कार्य तयार केलेले आहे. सदर प्रकल्प कार्य हे संबंधित
विद्यार्थ्याने स्वतः संकलित केलेले आहे.

सदर प्रकल्प कार्य हे संबंधित विद्यार्थ्याने स्वतः संकलित केलेल्या
लेखन सामग्रीवर आधारित असून स्वतःच्या हस्ताक्षरात लिहिले आहे.

दिनांक : २०-१०-२३

मार्गदर्शक

परिक्षक


Principal
Maharashtra Mahavidyalaya
Nilanga, Jalgaon District
प्राचार्य / उपप्राचार्य

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महाराष्ट्र महाविद्यालय, निलंगा

ता. निलंगा जि. लातूर

पर्यावरण

प्रकल्प कार्य लेखन वही

(Environmentakl Project Work Book)

विद्यार्थ्यांचे नांव Pawar Divya Netaji

वर्ग BCA Ty तुकडी क्रमांक

प्रकल्प कार्याचे शिर्षक Nuclear Hazards & their adverse effect on human

प्रकल्प स्वरुप : वैयक्तीक / गटामध्ये :

१) _____

२) _____

३) _____

प्रकल्प मार्गदर्शकाचे नाव : Reshma man

प्रकल्प मार्गदर्शकाचे नाव : Reshma man



Nuclear Hazards ★ —

Defⁿ :-

Risk or danger to humans health or environment posed by radiation emanating from atomic nuclei of a given substance or possibility of an uncontrolled explosion originating from fusion or fission reaction of atomic nuclei.

- The Radioactive pollution is special type of physical pollution which is related to all major life supporting systems like air, water & soil.

- Nuclear Hazards & incidents generally refer of significant level of radioactive materials or exposure of workers or the general public to radiation.



Types of nuclear hazards * *

- 1) 6.1 - Nuclear melt down
- 2) 6.2 - criticality accidents
- 3) 6.3 - Decay heat
- 4) 6.4 - Transport
- 5) 6.5 - Equipment failure
- 6) 6.6 - Human error
- 7) 6.7 - lost source.



- Exposure to very high levels of radiation such as being close to an atomic blast, can cause acute health effects such as skin burns & acute radiation syndrome (radiation sickness)

- It can also result in long term health effects such as cancer & cardiovascular disease.

- cancer induction is the most significant long term risk of exposure to a nuclear bomb.

Approximately one out of every 80 people exposed to one gray will die from cancer in addition to the normal rate of 20 out of 80



Effect of Nuclear Hazards *

The principal initial effects are blast & radiation

- Blast causes damage to lungs ruptures eardrums collapses structures & causes immediate death @ injury.

- Thermal radiation is the heat & light radiation which a nuclear explosion's fireball emits producing extensive fires, skin, burns & flash blindness.

A major environmental concern related to nuclear power is that of radioactive wastes such as uranium mill tailing, spents (used reactor fuel) & other radioactive & dangerous to human health for thousands of years.

