Bharati Vidyapeeth

MATOSHRI BAYABAI SHRIPATRAO KADAM KANYA MAHAVIDYALAYA KADEGAON

Workshop

On

"BENEFICIAL EFFECTS OF RADIATION AND INDIAN NUCLEAR ENERGY ROGRAMME"

In Collaboration with

INDIAN ASSOCIATION OF RADIATION PROTECTION, BARC, MUMBAI

Organized by

DEPARTMENT OF CHEMISTRY
&
INTERNAL QUALITY ASSURANCE CELL (IQAC)

Friday, 29th April 2022

REPORT

Aims & Objectives:

The aim of Workshop organized by department of Chemistry and IQAC of Bharti Vidyapeeth's Matoshri Bayabai Shripatrao Kadam Kanya Mahavidyalaya, Kadegaon to study, "Beneficial Effects Of Radiation And Indian Nuclearenergy Rogramme" in Collaboration with Indian Association Of Radiation Protection, Bhaba Atomic Research Centre, Mumbai was to bring together the best of minds to share their knowledge and provide a platform to promote the exchange of opinions on the issue pertaining to the theme.

BHABHA ATOMIC RESEARCH CENTRE MUMBAI:



Welcome and Opening Address: The event started with Bharti Vidyapeeth song followed by lightning the lamp by auspious hands of Chief guests as a symbol of knowledge and wisdom. In the opening address, **Prof. Dr. S.V. Pore**, ExChairman BOS in Chemistry & Chemical Engineering SUK, IQAC coordinator, Head department of Chemistry Bharti Vidyapeeth's Matoshri Bayabai Shripatrao Kadam Kanya Mahavidyalaya, Kadegaon, and Co-ordinator of this workshop welcomed the gathering and emphasized on the valuable insight of the workshop.

PHOTO POOJAN:



WELCOME & INTRODUCTION SPEECH BY CO-ORDINATOR: PROF. DR. SANJAY PORE



Welcome of Chief Guest: Dr.S.H. Murli: Scientific Officer H, is the Head, Emergency Preparedness and Response Section, Radiation Safety Systems Division, Bhabha Atomic Research Centre, Mumbai,



Welcome of Resource Person:- Smt. Rupali Karpe, Scientific Officer H, Bhaba Atomic Research Centre, Mumbai,





Welcome of Resource Person:- Shri Tej Ram Meena, Scientific Officer H, Bhaba Atomic Research Centre, Mumbai,



Welcome of Resource Person:- Shri.Sanjay Patil, Scientific Officer H, Bhaba Atomic Research Centre, Mumbai,



Key Note Address: Dr. Seshadri Murali – Scientific Officer H, is the Head, Emergency Preparedness and Response Section, Radiation Safety Systems Division, Bhabha Atomic Research Centre, Mumbai, He delivered a wide range of "beneficial effects of radiation and indian nuclear energy programme" and social work done in association with indian association of radiation protection under the influence of Bhaba Atomic research centre mumbai.He explained the need of social awareness regarding beneficial effects of radiation and indian n uclear energy programme"



Presidential Address:-Prof.Dr.V.Y.Kadam I/C Principal of Bharti Vidyapeeth's Matoshri BayabaiShripatrao Kadam Kanya Mahavidyalaya, Kadegaon

He welcomed the gathering and emphasized on the valuable insight of the conference. In his address, he delivered Very good information about Bharti Vidyapeeth& our college. He delivered information about various curricular and co-curricular activities organized every year in the college and our student are actively participating in it and ranking at higher grade in university level competition like Avishkar poster research convention .



The **vote of thanks** was delivered by Shri. H.R.Ingavale, Associate Professor, Department of Physics, Bharati Vidyapeeth's Matoshri Bayabai Shripatrao Kadam Kanya Mahavidyalaya, Kadegaon.



<u>Session-I:</u> Resource Person:- Prof. Seshadri Murali — Scientific Officer H, is the Head, Emergency Preparedness and Response Section, Radiation Safety Systems Division, Bhabha Atomic Research Centre, Mumbai, He delivered lecture on topic Radiological Safety, Radiation Detection, Nuclear Energy Programmes.



<u>Session-II:</u> Resource Person:- Smt. Rupali Karpe, Scientific Officer H, Bhaba Atomic Research Centre, Mumbai, She delivered lecture on topic 'Radiation Quantities, Units and Effects'



<u>Session-III</u>: Resource Person:-, Shri Tej Ram Meena, *Scientific Officer H, Bhaba Atomic Research Centre, Mumbai,* He delivered lecture on topic 'Principle of Radiation Detection'



<u>Session-IV</u>: Resource Person:-, Shri. Sanjay Patil, *Scientific Officer H*, *Bhabha Atomic Research Centre, Mumbai*, He delivered lecture on topic "Radiation Protection & Monitoring"



<u>Session-V</u>: Resource Person:-,: Dr. S. Murali, *Scientific Officer H, Bhaba Atomic Research Centre, Mumbai,* He delivered lecture on topic **Indian Nuclear Energy Programme**



<u>Session-VI</u>: Resource Person:-,: Dr. S. Murali, Scientific Officer H, Bhaba Atomic Research Centre, Mumbai, delivered lecture on topic Beneficial Effects of Radiation Technology



Lunch Break

[Provided break fast tea, lunch & evening tea with Biscuits to all participating 150 students, 50 teaching & Non teaching staff during the Workshop]

Session-VII: Resource Person:-,: Smt. Rupali Karpe, Scientific Officer H, Bhaba Atomic

Research Centre, Mumbai, delivered lecture on topic: Practicals & Demonstrations - Cyclic

Manner (4): 30 min Sessions

A: Gamma Spectrometry

B; Half Life, Activity estimation

C: Radiation Monitoring kits, Personnel Protective Gears

D: Video, Models - Radiation / Reactor Aspects of Safety Features



<u>Session-VIII</u>: Resource Person:-,: Dr. S.H.Murli., Scientific Officer H, Bhaba Atomic Research Centre, Mumbai, delivered lecture on topic: . Scientific Career Opportunities



<u>Session-IX</u>: Resource Person:-, : All above Scientific Officer H, Bhaba Atomic Research Centre, Mumbai,showed Skit Play on 'Kam mein Hai Dum' –



Valedictory Function:- Welcome Speech:Prof.Dr. Sanjay Pore, Co- Ordinator of this Workshop, professor,Department of Chemistry, IQAC Co-ordinator, NAAC reaccreditation Bharati Vidyapeeth's Matoshri Bayabai Shripatrao Kadam Kanya Mahavidyalaya, Kadegaon.

Participants Opinion:-

Miss Mrunalini Dharme expressed her views about the workshop.



Felicitation of Chief Guest: Dr5. S,H. Murli, Scientific Officer H, Bhaba Atomic Research Centre, Mumbai



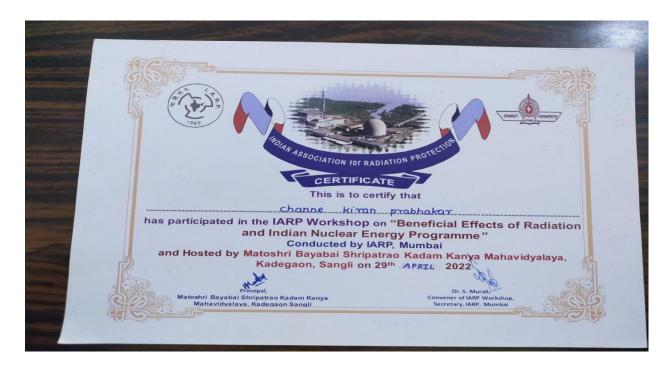
Felicitation of Co-ordinator of this workshop Prof. Dr. Sanjay Pore by I/C Principal Dr.V.Y.Kadam



Distribution of certificate of participation to students by the Auspious hands of Chief Guest **Dr. S. Murali**



CERTIFICATE



Review of Conference & Vote of Thanks:-Co-ordinator Prof. Dr. S.V. Pore, Ex-Chairman BOS in Chemistry & Chemical Engineering SUK, IQAC coordinator & Head department of Chemistry Bharti Vidyapeeth's Matoshri Bayabai Shripatrao Kadam Kanya Mahavidyalaya, Kadegaon.



Participation of Students in the workshop:



INDIAN ASSOCIATION FOR RADIATION PROTECTION

(An affiliate of International Radiation Protection Association) (Registered under the Bombay Public Trust Act, 1950 No. F/18008)

Dr. M. S. Kulkarni Dr. S. Murali Shri Ganesh G.
Vice-President Secretary Jt. Secretary

29thApril , 2021

Principal,

We are thankful to your mail communiqué indicating your institution's readiness to hold an IARP Workshop Programme. We conduct such programmes regularly for students / faculty to take forward the benefits of our Indian Nuclear Energy Programme.

The Executive Committee of IARP has approved the proposal on conducting the IARP Workshop Programme – 'Beneficial Effects of Radiation and Indian Nuclear Energy Programme' planned to be held on 29thApril, 2022, Saturday for the students and faculty members of Matoshri Bayabai Shripatrao Kadam Kanya Mahavidyalaya, Kadegaon Sangli.

Our proposal on the modalities for the programme is -

Dates for the Programme – 29thApril, 2022

Venue – Your Institution premises

Timings – Sessions at 0900 hrs – 1700 hrs

IARP team members – 5 Scientists for lecture, 5 for demonstration

Material to participants – Booklet of IARP, Softcopy of lecture details

Registration formalities – Institution to effect registration of students

We would get contact details of participants including their mail ID. We would be happy to gather feedback from the participants of the programme.

We are a NGO, non-profit entity and would be happy to bear the expenses on the conduct of one day IARP Workshop programme. The focus of our effort / objective is to spread awareness on Applications of Radiation, Nuclear Energy Programme, Scientific knowledge and draw/bring students community to Scientific arena.

We would formalize any requirement from your part, that lays within our framework.

(Dr. S. Murali) Secretary, IARP

Principal,

Matoshri Bayabai Shripatrao Kadam Kanya Mahavidyalaya, Kadegaon Sangli.

Outcomes of the Workshop:

Student understood......

- **1.** Radiological Safety, Radiation Detection, Nuclear Energy Programmes.
- 2. Radiation Quantities, Units and Effects.
- 3. Principle of Radiation Detection
- 4. Radiation Protection & Monitoring
- 5. Indian Nuclear Energy Programme
- 6. Beneficial Effects of Radiation Technology
- 7. Practical's & Demonstrations
 - A: Gamma Spectrometry
 - B; Half Life, Activity estimation
 - C: Radiation Monitoring kits, Personnel Protective Gears
 - D: Video, Models Radiation / Reactor Aspects of Safety Features

Organizing Committee:-

Chairman: Prof. Dr. V. Y. Kadam

Vice- Chairman : Prof. Dr. V. S. Salunkhe

IQAC Co-ordinator: Prof. Dr. S.V. Pore

Convener: Prof. Dr. S.V. Pore

Co-Convener: Mr. Ingavale H.R.

Members: Shri. More A.L

Mr. Ingavale H.R.

Mr. Gotpagar S. N.

Dr. Kadam A.S.

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Indian Association of Radiation Protection, BARC, Mumbai

In Collaboration with

Matoshri Bayabai Shripatrao Kadam Kanya Mahavidyalaya, Kadegaon Sangli

Organized One day workshop on -29th April 2022

"Beneficial Effects of Radiation and Indian NuclearEnergy
Programme"

Feed Back Form

1) Name of Participant :- < Mobile No. :- E-mail :- Name of the College :-	950391110	2	ant Dajfram 1, com , capul Lad M. Kunda	1
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2) Resource Person :				
3) Resource Material :	See 7			
4) Discussions :				
5) Practical Demonstration	:			
6) Food Arrangement:				
7) Any Suggestion :	oganise s	uch a ri	Doskshof every year	ar

Signature of Participant

* Please √ Mark the appropriate box

BRIEF REPORT

Aim of Workshop: To study, "Beneficial Effects of Radiation and Indian Nuclear energy programme" in Collaboration with Indian Association of Radiation Protection, BARC, Mumbai and to bring together the best of minds to share their knowledge and provide a platform to promote the exchange of opinions on the issue pertaining to the theme.

Welcome and Opening Addresses: The event started with Bharti Vidyapeeth song followed by lightning the lamp by auspious hands of Chief guests as a symbol of knowledge and wisdom. In the opening address, **Prof. Dr. S.V. Pore**, Ex-Chairman BOS in Chemistry & Chemical Engineering SUK, IQAC coordinator, Head department of Chemistry Bharti Vidyapeeth's Matoshri Bayabai Shripatrao Kadam Kanya Mahavidyalaya, Kadegaon, and Coordinator of this workshop welcomed the gathering and emphasized on the valuable insight of the workshop.

Key Note Address: Dr. Seshadri Murali – Scientific Officer H, is the Head, Emergency Preparedness and Response Section, Radiation Safety Systems Division, Bhabha Atomic Research Centre, Mumbai, delivered a wide range of "beneficial effects of radiation and indian nuclear energy programme" and social work done in association with indian association of radiation protection under the influence of Bhaba Atomic research centre mumbai. He explained the need of social awareness regarding beneficial effects of radiation and indian nuclear energy programme".

<u>Session-I:</u> Resource Person:- Prof. Seshadri Murali —He delivered lecture on topic Radiological Safety, Radiation Detection, Nuclear Energy Programmes.

<u>Session-II:</u> Resource Person:- Smt. Rupali Karpe, Scientific Officer H, Bhaba Atomic Research Centre, Mumbai, delivered lecture on topic 'Radiation Quantities, Units and Effects'

<u>Session-III</u>: Resource Person:-, Shri Tej Ram Meena, Scientific Officer H, Bhaba Atomic Research Centre, Mumbai, delivered lecture on topic 'Principle of Radiation Detection'

<u>Session-IV</u>: Resource Person:-, Shri. Sanjay Patil, Scientific Officer H, Bhaba Atomic Research Centre, Mumbai, delivered lecture on topic "Radiation Protection & Monitoring"

<u>Session-V &VI</u>: Resource Person:-,: Dr. S. Murali, Scientific Officer H, Bhaba Atomic Research Centre, Mumbai, delivered lecture on topic Indian Nuclear Energy Programme & Beneficial Effects of Radiation Technology

<u>Session-VII</u>: Resource Person:-,: Smt. Rupali Karpe Scientific Officer H, Bhaba Atomic Research Centre, Mumbai, delivered lecture on topic: Practicals & Demonstrations – Cyclic Manner (4): 30 min Sessions

A: Gamma Spectrometry B; Half Life, Activity estimation, C: Radiation Monitoring kits, Personnel Protective Gears

D: Video, Models – Radiation / Reactor Aspects of Safety Features

<u>Session-VIII</u>: Resource Person:-,: Dr. S. Murali Scientific Officer H, Bhaba Atomic Research Centre, Mumbai, delivered lecture on topic: . Scientific Career Opportunities –

<u>Session-IX</u>: Resource Person:-, : All above Scientific Officer H, Bhaba Atomic Research Centre, Mumbai, showed Skit Play on 'Kam mein Hai Dum' –

In Valedictory Function:-Welcome Speech: **Prof. Dr.H.R Ingavale**, Co- Convener & Associate professor, Department of Physics Bharati Vidyapeeth's Matoshri Bayabai Shripatrao Kadam Kanya Mahavidyalaya, Kadegaon.

Prof. Dr. V. Y. KadamIn I/C Principal Bharti Vidyapeeth's Matoshri Bayabai Shripatrao Kadam Kanya Mahavidyalaya, Kadegaon. Distribution of certification of participation to students by the Auspious hands of Chief Guest Dr. S. Murali. Review of Conference & Vote of Thanks:-Co-ordinator Prof. Dr. S.V. Pore, Ex-Chairman BOS in Chemistry & Chemical Engineering SUK, IQAC coordinator & Head department of Chemistry Bharti Vidyapeeth's Matoshri Bayabai Shripatrao Kadam Kanya Mahavidyalaya, Kadegaon.



B.V.M.B.S.K. Kanya Mahavidyalaya, Kadegaon, Dist. Şangli

Prof. Dr. S. V. Pore

IQAC: Co-ordinator

Prof. Dr. V.Y. Kadam

I/C Principal

कन्या महाविद्यालयात आज कार्यशाळा

कड़ेगाव: येथील भारती विद्यापीठाच्या मातोश्री बयाबाई श्रीपतराव कदम कत्या महाविद्यालयात शुक्रवार (दि २९) एप्रिल रोजी रेडिएशन टेक्नॉलॉजी आणि इंडियन न्यूक्लिअर एनर्जी या विषयावर कार्यशाळेचे आयोजन करण्यात आले आहे; अशी माहिती महाविद्यालयाचे एनर्जी या विषयावर कार्यशाळेचे आयोजन करण्यात आले आहे; अशी माहिती महाविद्यालयाचे एनर्जी या विषयावर कार्यशाळेचे आयोजन करणारे यांनी प्रभारी प्राचार्य डॉ. वही. वाय. कदम आणि या कार्यशाळेचे समन्वयक प्रा. डॉ. संजय पोरे यांनी प्रभारी प्राचार्य डॉ. वही. वाय. कदम आणि या कार्यशाळेचे समन्वयक प्रा. डॉ. संजय पोरे यांनी प्रभारी प्राचार्य करणारे संशोधक विली. या कार्यशाळेसाठी मुंबई येथील भाभा अणुसंशोधन केंद्रामध्ये संशोधन करणारे संशोधक दिली. या कार्यशाळेसाठी मुंबई येथील भाभा अणुसंशोधन केंद्रामध्ये संशोधन करणारे संशोधक विली. या कार्यशाळेसाठी मुंबई येथील भाभा अणुसंशोधन केंद्रामध्ये संशोधन करणारे संशोधक विली. या कार्यशाळेसाठी मुंबई येथील भाभा अणुसंशोधन केंद्रामध्ये संशोधन करणारे संशोधक विली. या कार्यशाळेसाठी मुंबई येथील भाभा अणुसंशोधन केंद्रामध्ये संशोधन करणारे संशोधक विली. या कार्यशाळेसाठी मुंबई येथील भाभा अणुसंशोधन केंद्रामध्ये संशोधन करणारे संशोधक विली. या कार्यशाळेसाठी मुंबई येथील भाभा अणुसंशोधन केंद्रामध्ये संशोधन करणारे संशोधक विली या कार्यशाळेसाठी संशोधक विली या कार्यशाळेसाठी संशोधन करणारे संशोधक विली या कार्यशाळेसाठी संशोधक विली स

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Website: janpravas.in



कडेगाव कन्या महाविद्यालयात आज भाभा अनुसंशोधन केंद्राच्या कार्यशाळेचे आयोजन

जनप्रवास । प्रतिनिधी

कडेगाव भारती विद्यापीठाच्या मातोश्री बयाबाई श्रीपतराव कदम कन्या महाविद्यालय कडेगाव येथे शुक्रवार दिनांक २९ एप्रिल रोजी भाभा ऑटोमिक रिसर्च सेंटर मुंबई यांचेमार्फत इंडियन असोसिएशन ऑफ रेडिएशन प्रोटेक्शन कार्यक्रमांतर्गत बेनेफिशियल इफेक्ट्स ऑफ रेडिएशन टेक्नॉलॉजी आणि इंडियन न्युकलर एनर्जी प्रोग्रॅम या विषयावर कार्यशाळेचे आयोजन करण्यात आले आहे. अशी माहिती महाविद्यालयाचे प्रभारी प्राचार्य डॉ. व्ही. वाय. कदम आणि या कार्यशाळेचे समन्वयक प्रा. डॉ. संजय पोरे यांनी दिली.

या कार्यशाळेसाठी मुंबई येथील भाभा अनुसंशोधन केंद्रामध्ये संशोधन करणारे संशोधक श्रीमती रुपाली करपे, श्री टेन राम मीना, श्री संजय पाटील, डॉ. के पी मोथे, डॉ. रास मुरली यांचे विशेष मार्गदर्शन होणार आहेत. तसेच सायंटिफिक करियर अपॉर्च्युनिटी या विषयावर विशेष माहिती देण्यात येणार आहे. या कार्यशाळेमध्ये विविध मार्गदर्शनपर व्याख्यान बरोबरच 'काम मे है दम' या विषयावर लघुनाटिका सादर केली जाणार आहे.

या कार्यशाळेसाठी कराड, विटा, पलूस रामानंदनगर येथील महाविद्यालयातील विद्यार्थी उपस्थित राहणार आहेत. तरी या कार्यशाळेचा लाभ जास्तीत जास्त विद्यार्थ्यांनी घ्यावा असे आव्हान महाविद्यालयाच्या मार्फत करण्यात येत आहे.