



DAE SYMPOSIUM ON NUCLEAR PHYSICS (SNP-2024)



Indian Institute of Technology Roorkee, Uttarakhand, India
December 7-11, 2024

The *Young Achiever Award 2024 (YAA-2024)*

is presented to

Dr. A. K. Sikdar

of Variable Energy Cyclotron Centre, Kolkata
for his excellent contribution in the field of

*“Development of VECC Cryogenic Penning trap and Nuclear
Decay Studies”*

Secretary

H. Kumawat

Convener

Prashant Shukla



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The *Young Achiever Award 2024 (YAA-2024)*

is presented to

Dr. Asim Pal

of Bhabha Atomic Research Centre, Mumbai
for his excellent contribution in the field of

"Recent results on nuclear fission"

Secretary

H. Kumawat

Convener

Prashant Shukla



DAE SYMPOSIUM ON NUCLEAR PHYSICS (SNP-2024)



Indian Institute of Technology Roorkee, Uttarakhand, India
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*One of the best poster presentation awards (SNP-2024)
is presented to*

Rohit M. Shinde, Chandan Sarma and P. C. Srivastava
of Indian Institute of Technology Roorkee
for the presentation of a poster A26 entitled
*"Study of proton-neutron entanglement entropy using nuclear
shell model"*

Secretary

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One of the best poster presentation awards (SNP-2024)
is presented to

A. Karmakar, P. Datta, J. A. Sheikh, S. Jehangi et al.
of Saha Institute of Nuclear Physics, Kolkata
for the presentation of a poster A45 entitled
"Evidence of Transverse Wobbling in ^{101}Ru "

Secretary

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*One of the best poster presentation awards (SNP-2024)
is presented to*

Rahul Mahato, Dharmendra Singh, Amritraj Mahato et al.

of Central University of Jharkhand, Ranchi
for the presentation of a poster B65 entitled

*“Investigation of Breakup Fusion of ^{16}O Projectile with ^{154}Sm
Target through Universal Fusion Function Approach”*

Secretary

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*One of the best poster presentation awards (SNP-2024)
is presented to*

V. Ranga, I. Mazumdar, Priyanka Saha et al.

of Tata Institute of Fundamental Research, Mumbai

for the presentation of a poster B119 entitled

*"Absolute cross-section of γ -rays from $^{11}\text{B}(p, p'\gamma)^{11}\text{B}$
reaction"*

Secretary

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One of the best poster presentation awards (SNP-2024)
is presented to

Nancy Garg, Rupinderjeet Kaur, Priyanka et al.

of Indian Institute of Technology, Ropar

for the presentation of a poster B154 entitled

*“Entrance-channel effect on fusion suppression in the framework
of improved fusion function (977)”*

Secretary

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*One of the best poster presentation awards (SNP-2024)
is presented to*

Nived. K, Midhun C.V, M.M. Musthafa et al.

*of University of Calicut, Kerala
for the presentation of a poster C13 entitled
"Direct measurement of ${}^7\text{Li}(\gamma, \alpha)t$ cross sections"*

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*One of the best poster presentation awards (SNP-2024)
is presented to*

Bhagyarathi Sahoo, Captain R. Singh, and R. Sahoo

of Indian Institute of Technology, Indore

for the presentation of a poster E41 entitled

*“Investigating the local polarization of Λ and Λ^- hyperons at
relativistic energies”*

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One of the best poster presentation awards (SNP-2024)
is presented to

Garima Rajpoot, Sandeep Joshi and Prashant Shukla

of Bhabha Atomic Research Centre, Mumbai
for the presentation of a poster F5 entitled

*“Simulating neutrino oscillations on a quantum circuit using
virtual- Z gates”*

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is presented to

*Bhavika, V. Anand, G. Anil Kumar, N. K. Tailor, S.
Satapathi*

*of Indian Institute of Technology, Roorkee
for the presentation of a poster G22 entitled*

*"Solution growth of $CsCu_2I_3$ single crystal for γ -ray
detection"*

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One of the best poster presentation awards (SNP-2024)
is presented to

Krati, Saurabh Neema and Saju Joy

*of Bhabha Atomic Research Centre, Mumbai
for the presentation of a poster G76 entitled*

*“Prototype 2-Channel 1GSPS digitization system for qubit
state measurements”*

Secretary

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Convener

Prashant Shukla