

Teachers who received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the last five years recognition/awards

Name of full time teachers receiving awards from state level,national level, international level	Year of Award	PAN	Designation	Name of the award, fellowship, received from Government or recognised bodies	Incentives given by the HEI in recognition of the award	Link for the relevant documents
A. K. Karnal	2015	AFXPK1230L	Professor	Prof. P. Ramasamy National Award for Crystal Growth from Indian Association for Crystal Growth		
APARNA CHAKRABARTI	2014	ADOPC6686R	Associate Professor	DAE-ESET SCIENTIFIC & TECHNICAL EXCELLENCE AWARD		
APARNA CHAKRABARTI	2015	ADOPC6686R	Associate Professor	EXCELLENCE IN SCIENCE, ENGINEERING AND TECHNOLOGY AWARD (group achievement award)		
Arup Banerjee	2015	ACIPB0875A	Professor	EXCELLENCE IN SCIENCE, ENGINEERING AND TECHNOLOGY AWARD (group achievement award)		
C. P. Singh	2016	BASPS0254B	Assistant Profess	Group achievement award for "Development of engineered high average power intra-cavity frequency doubled Nd:YAG solid state laser", received from DAE		

*Arup Banerjee*

सहायक-अध्यक्ष अकादमिक/Dean-Academic  
एच बी एन आई / HBNI  
संस: आर आर केट/CI: RRCAT  
इन्दौर/INDORE-462013

Annexure-II

Ref:RRCAT/HRDS/HBNI/NAAC-20/(III)

June 29, 2020

The list of number of awards / recognitions received for research/innovations by the institution/teachers/research scholars/students during the last five years in respect of Raja Ramanna Centre for Advanced Technology, Indore a Constituent Institution of HBNI is enclosed herewith.

*Debashis Das*  
(Director) 01/7/20.

Raja Ramanna Centre Advanced Technology, Indore

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देवाशीष दास / DEBASHIS DAS  
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**3.3.3 Number of awards / recognitions received for research/innovations by the institution/teachers/research scholars/students during the last five years**

Title of the innovation	Name of the Awardee	Name of the Awarding Agency with contact details	Year of Award	Category- institution/teacher/research scholar/student	
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Buti Young Scientist Award	Uday Chakravarty	PSSI	2014-2015	Teacher	RRCAT
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DAE Group Achievement Award	Dr. J A Chakera	DAE	2016-2017	Teacher	RRCAT
Scientific and Technical Excellence Award	Dr. J Jayabalan	DAE	2016-2017	Teacher	RRCAT
DAE Group Achievement Award	Dr. K S Bindra	DAE	2016-2017	Teacher	RRCAT
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DAE-ESTS Homi Bhabha Science & Technology Award	C Prakash Paul	DAE	2018-2019	Teacher	RRCAT



*International Symposium on Ultrafast Intense Laser Science XIII*

*presents*

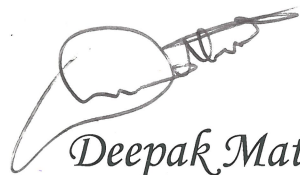
*The Fifth ISUILS Award for Young Researchers*

*to*

*Bobbili Sanyasi Rao*

*RRCAT, Raja Ramanna Centre for Advanced Technology*

*on 5<sup>th</sup> October 2014 in Jodhpur, India.*



*Deepak Mathur*  
*(Tata Institute of  
Fundamental Research, India)*



*Didier Normand*  
*(CEA Saclay, France)*



*Kaoru Yamanouchi*  
*(The University of Tokyo,  
Japan)*



Dr. K.S. Bindra	2014	ACKPB5326N	SO/H, Solid State Laser Division, RRCAT and Professor HBNI	EXCELLENCE IN SCIENCE, ENGINEERING AND TECHNOLOGY AWARD (group achievement award)		
Dr. K.S. Bindra	2016	ACKPB5326N	Head, Solid State Laser Division, RRCAT and Professor HBNI	EXCELLENCE IN SCIENCE, ENGINEERING AND TECHNOLOGY AWARD (group achievement award)		
Dr. Maheswar Nayak	2015	ACIPN8276F	Asst. Prof.	DAE-ESET (Department of Atomic Energy-Excellency in Science, Engineering & Technology) Group Achievement award		
Himanshu Singhal	2015	AWTPS3340Q	Assistant Professor	HBNI best thesis award		
J. A. Chakera	2016	ACUPC8598B	Professor	EXCELLENCE IN SCIENCE, ENGINEERING AND TECHNOLOGY AWARD (group achievement award)		
J. Jayabalan	2016	ABHPJ9717H	Associate Professor	DAE-ESET SCIENTIFIC & TECHNICAL EXCELLENCE AWARD		
Mohammed H Modi	2015	ABZPM2288E	Assistant Professor	EXCELLENCE IN SCIENCE, ENGINEERING AND TECHNOLOGY AWARD (group achievement award)		

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Rahul Shukla	2017	CRGPS6255J	Scientific Officer/E and Assistant Professor, HBNI	"Developing Microsystems and Piezoelectric based Structures for Adaptive Optics" rated amongst Top Posters under Make in India theme in Sensitizing Youth for Flagship Program of Government in India International Science Festival 2017, Chennai (13 - 17 October 2017)		
Raktim Dasgupta	Oct, 2015	AFPPD9557B	Asst. Prof.	Outstanding Doctoral Thesis Award, selected among all the theses submitted in the last 10 years to Homi Bhabha National Institute.		
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Uday Chakravarty	2014	AGTPC7252P	Asst. Prof.	Buti Young Scientist Award		
V. K. Dixit	2015	AIBPD6140P	Associate Professor	Homi Bhabha Science and Technology Award		
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Raja Ramanna Centre Advanced Technology, Indore

Encl: As above

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Outstanding Doctoral Thesis Award by HBNI	Dr. Raktim Dasgupta	HBNI	2015-2016	Teacher	RRCAT
Best oral presentation award in the 21st Meeting of International society for Laser Surgery and Medicine	Dr. Raktim Dasgupta	International society for Laser Surgery and Medicine	2015-2016	Teacher	RRCAT
DAE-ESTS Group Achievement Award	C Prakash Paul	DAE	2016-2017	Teacher	RRCAT
DAE Group Achievement Award	Dr. J A Chakera	DAE	2016-2017	Teacher	RRCAT
Scientific and Technical Excellence Award	Dr. J Jayabalan	DAE	2016-2017	Teacher	RRCAT
DAE Group Achievement Award	Dr. K S Bindra	DAE	2016-2017	Teacher	RRCAT
DAE Group Achievement Award	Dr. Chandra Pal Singh	DAE	2016-2017	Teacher	RRCAT
DAE Group Achievement Award	Dr. Vinit Kumar	DAE	2016-2017	Teacher	RRCAT
DAE-ESTS Homi Bhabha Science & Technology Award	C Prakash Paul	DAE	2018-2019	Teacher	RRCAT

Ref:RRCAT/HRDS/HBNI/NAAC-20/(III)

June 29, 2020

The list of number of awards / recognitions received for research/innovations by the institution/teachers/research scholars/students during the last five years in respect of Raja Ramanna Centre for Advanced Technology, Indore a Constituent Institution of HBNI is enclosed herewith.

*Debashis Das*  
(Director) 01/7/20.

Raja Ramanna Centre Advanced Technology, Indore

Encl: As above

देवाशीष दास / DEBASHIS DAS  
निदेशक / Director  
राजा रामन्ना प्रगत प्रौद्योगिकी केन्द्र  
Raja Ramanna Centre for Advanced Technology  
इन्दौर / Indore-452 013

**3.3.3 Number of awards / recognitions received for research/innovations by the institution/teachers/research scholars/students during the last five years**

Title of the innovation	Name of the Awardee	Name of the Awarding Agency with contact details	Year of Award	Category- institution/teacher/research scholar/student	
DAE Group Achievement Award	Dr. K S Bindra	DAE	2014-2015	Teacher	RRCAT
Buti Young Scientist Award	Uday Chakravarty	PSSI	2014-2015	Teacher	RRCAT
Group achievement award by Department of Atomic Energy	Dr. Arup Banerjee	DAE	2015-2016	Teacher	RRCAT
Outstanding Doctoral Thesis Award by HBNI	Himanshu Singhal	HBNI	2015-2016	Teacher	RRCAT
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DAE Group Achievement Award	Dr. K S Bindra	DAE	2016-2017	Teacher	RRCAT
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Rahul Shukla	2017	CRGPS6255J	Scientific Officer/E and Assistant Professor, HBNI	"Developing Microsystems and Piezoelectric based Structures for Adaptive Optics" rated amongst Top Posters under Make in India theme in Sensitizing Youth for Flagship Program of Government in India International Science Festival 2017, Chennai (13 - 17 October 2017)		
Raktim Dasgupta	Oct, 2015	AFPPD9557B	Asst. Prof.	Outstanding Doctoral Thesis Award, selected among all the theses submitted in the last 10 years to Homi Bhabha National Institute.		
Raktim Dasgupta	Aug, 2015	AFPPD9557B	Asst. Prof.	Best oral presentation award in the 21st Meeting of International society for laser surgery and medicine.		
Uday Chakravarty	2014	AGTPC7252P	Asst. Prof.	Buti Young Scientist Award		
V. K. Dixit	2015	AIBPD6140P	Associate Professor	Homi Bhabha Science and Technology Award		
VINIT KUMAR	2016	ACTPK0166C	Associate Professor	Group Achievement Award, Department of Atomic Energy, Govt. of India		

*Anup Banerjee*

संकाय-अध्यक्ष अकादमिक/Dean-Academic  
एच वी एन आई / HBNI  
सँस: आर अर केट/CI: RRCAT  
इन्दौर/INDORE-462013





GOVERNMENT OF INDIA



DEPARTMENT OF ATOMIC ENERGY

EXCELLENCE IN SCIENCE, ENGINEERING & TECHNOLOGY AWARDS SCHEME

# Homi Bhabha Science & Technology Award 2017

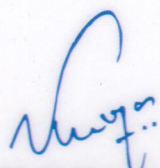
## Dr. Christ Prakash Paul

Laser Development and Industrial Applications Division,  
Laser Group  
Raja Ramanna Centre for Advanced Technology, Indore

is conferred the Homi Bhabha Science & Technology Award for the year 2017 for his contribution to "Laser based Metal Additive Manufacturing".

Dr. C. P. Paul has made important contributions to the indigenous development of laser based metal additive manufacturing technology for the fabrication of various engineering components. He has conceived, designed and developed systems for laser additive manufacture based on both direct energy deposition and powder bed fusion technologies. The systems use high power laser beam to melt the powder and build the components layer-by-layer with desired features in terms of geometrical complexity, porosity and material performance. These systems are deployed for the fabrication of difficult-to-manufacture engineering components such as innovative ID cladding nozzle for deposition of material on the inner surface of pipes of diameter 65 mm or more and a Prototype Hip Implant. His work also included the development of material-specific process parameters for the laser additive manufacture of components for BARC, IGCAR and ITER-India projects and development of analytical and numerical models for laser cladding process.

The Chairman, Atomic Energy Commission has great pleasure in presenting the "Homi Bhabha Science & Technology Award 2017" to Dr. Christ Prakash Paul in recognition of his outstanding contribution to the Departmental programme.



(K.N.Vyas)

Chairman, Atomic Energy Commission & Secretary to the Government of India





GOVERNMENT OF INDIA



DEPARTMENT OF ATOMIC ENERGY

EXCELLENCE IN SCIENCE, ENGINEERING & TECHNOLOGY AWARDS SCHEME

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