



ADMINISTRATIVE TRAINING INSTITUTE



DEPARTMENT OF ATOMIC ENERGY

# Workshop on Intellectual Property Rights

A Report on the Workshop conducted at Institute for Plasma Research, Gandhinagar

Workshop date: 19<sup>th</sup> November, 2018

ORGANIZED BY:



प्लाज़्मा अनुसंधान संस्थान  
Institute for **Plasma Research**

Prepared by: Dr. Nirav Jamnapara, Saroj Das, Tejas Parekh, Pinakine Devluk and Prashant Kumar

# Workshop on Intellectual Property Rights

A Report on the workshop conducted at Institute for Plasma Research,  
Gandhinagar

## 1. INTRODUCTION:

The Institute for Plasma Research (IPR), Gandhinagar has been developing technologies for societal and industrial applications apart from its ongoing fundamental research activities on plasma science and technology. It has therefore been patenting technologies developed by IPR regularly. However, with the current emphasis of making science useful to the society, an upsurge of society & industry specific technology development has taken place. Since technology commercialization and transfer is involved, it is necessary that such technologies and knowhow is secured through patents. The awareness of such intellectual property rights is therefore important to be generated amongst the inventors/researchers.



*Image 1: A glimpse of IPR campus where the workshop was conducted*

With this objective, the Department of Atomic Energy (DAE) – Patent cell in association with IPR had been working on conducting a workshop on intellectual property rights at IPR, Gandhinagar. The Administrative Training Institute (ATI), DAE had been kind enough to grant the financial sanction for conducting the above workshop at IPR Gandhinagar on 19<sup>th</sup> Nov, 2018. The details of the programme conducted are elaborated in the subsequent sections of this report.

## Summary:

Workshop theme	: Intellectual Property Rights
Workshop date	: 19 <sup>th</sup> November 2018 (Monday)
Workshop time	: 09:30 hrs – 17:30 hrs
Speakers	: 04
Participants	: 72 Nos. registered + invited guests (Total: 80)
Venue	: Seminar Hall, IPR, Bhat, Gandhinagar
ATI Sanction Ref.	: No. 1/PC 56/2018-19/ATI/745 dated 22-10-2018

## 2. PARTICIPATION:

The workshop was well attended with a considerable volume of participation. The announcement of the workshop was circulated in advance to all IPR employees and the registration of the event was facilitated by an online registration link and a provision was kept for spot registration at the venue on the date of programme.

A total of **72 participants** registered (online + spot) for the workshop. Additionally the workshop was attended by special invitees such as Dean (R&D), Dean (admin), and the Chief Administrative Officer (CAO). The participants were from IPR main campus, FCIPT campus, CPP-IPR campus and ITER-India which indicates the interest of IPR employees for the subject from all its campuses.



*Image 2: Participants registering at the registration desk*

### 3. PROGRAMME SCHEDULE:

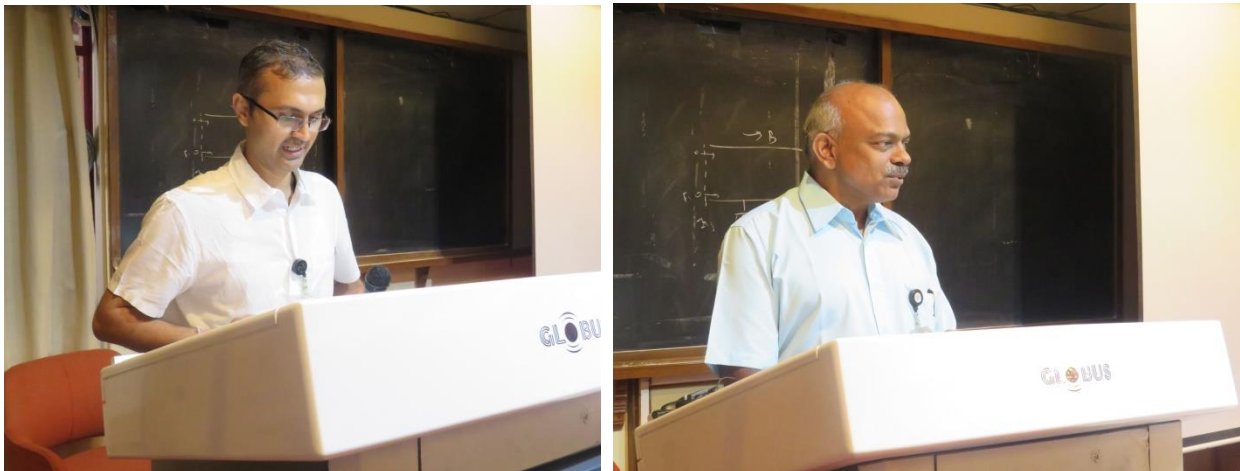
The workshop was executed as per the following planned schedule:

Time	Topic	Faculty Member
09:15 - 09:40	Registration	
09:40 - 09:45	Welcome note	<b>Dr. Nirav Jamnapara</b>
09:45 - 10:00	Inaugural Address	<b>Shri A. Varadharajulu</b> <i>Chairman - TTIP Committee, IPR</i>
10:00 - 11:30	Introduction to Intellectual Property (includes definition and natures of all the IPR instruments)	<b>Mrs. Anuradha Maheshwari</b> <i>Ex-Director, Institute of Intellectual Property Studies (IIPS) and Partner, Lex Mantis Advocates &amp; Legal Consultants</i>
11:30 - 11:45	Tea / Coffee Break	
11:45 - 13:15	<ul style="list-style-type: none"> <li>➤ What is a Patent? (History / Timelines / Criteria / Procedures / non-patentable inventions, etc.)</li> <li>➤ PCT filing and International Patents (brief description of International Agreement and functioning, Priority dates)</li> </ul>	-do-
13:15 - 14:15	Lunch Break (Venue: IPR Guest House)	
14:15 - 15:15	Journey of Patent to Technology, Valuation and Its Commercialization : Importance and factors involved in it	-do-
15:15 - 15:30	Tea / Coffee Break	
15:30 - 16:00	Technology Transfer Mechanism in BARC	<b>Dr. Nutan Khalap</b> <i>Member, DAE IPR Cell; TT&amp;CD, BARC</i>
16:00 - 16:30	DAE Experience with Patenting	<b>Shri Dani Rajiah</b> <i>Member Secretary, IPR Cell, DAE</i>
16:30 - 16:45	Valedictory Address / Vote of Thanks	<b>Shri Saroj Das</b> <i>Member Secretary - TTIP Comm. IPR</i>

Due to the continued interaction between the speakers and participants, the workshop concluded by 17:35 hrs.

#### 4. SPEAKERS & TOPICS:

The names and affiliation of the speakers are provided in the table above. Marking the start of the programme, Dr. Nirav Jamnapara, Head - Projects & Technology Transfer Section of IPR, welcomed the participants and the speakers to the workshop on intellectual property rights sponsored by ATI-DAE and conveyed the objective of the workshop in IPR. Subsequently, Shri A. Varadharajulu, Chairman - Technology Transfer and Intellectual Property (TTIP) Committee of IPR gave the inaugural talk. His talk conveyed the present status of patenting activities in IPR and how IPR was growing in terms of the technologies developed for societal and industrial applications and the need for securing such intellectual property. He appreciated DAE's support in conducting such a workshop which was very much needed.



*Image 3: (L) Dr. Nirav Jamnapara welcoming the participants and (R) Shri A. Varadharajulu delivering the inaugural address*



*Image 4: Participants & Speakers seated during the inaugural session of the workshop.*





*Image 5: Participants discussing during the morning tea-coffee break*



*Image 6: Speaker Mrs. Anuradha Maheshwari discussing about patents, patent filing, PCT and the journey from patent to technology*

Mrs. Anuradha Maheshwari introduced the participants with the types of intellectual property (e.g. Patents, Copyright, Trademark, Geographical Indications, Semiconductor layout design, Trade Secrets and Design) and briefly explained about each of them with examples.

Subsequently, Mrs. Maheshwari explained about the patenting process in detail, International patents (PCT) and the journey from a patent to technology. Various examples on how patents have been able to change the financial condition of various companies was showcased. Overall, the transition of an idea to a patented commercializable technology was explained nicely.



*Image 7: Dr. Nutan Khalap explaining about the technology transfer procedure in BARC*

The talk of Mrs. Maheshwari was followed by the talk on 'Technology Transfer Mechanism in BARC' by Dr. Nutan Khalap. Dr. Khalap explained in detail how BARC interacts with Industries and how BARC offers various technologies on transfer basis to industries. Various videos on technologies developed by BARC were shown emphasizing the reach of such technologies to end users.



*Image 8: Shri Dani Rajiah explaining about the patenting activities pursued by DAE*

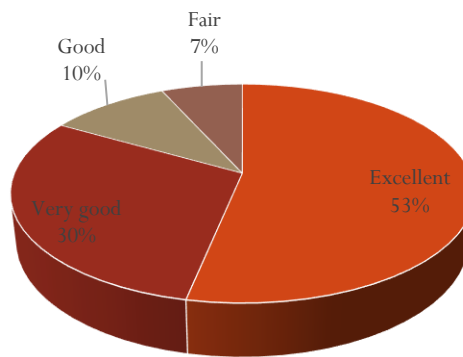
The final talk was by Shri Dani Rajiah, Member-Secretary DAE-IPR Cell and was focused on 'DAE experience in patenting'. Shri Dani explained the statistics of patenting being done by DAE and the procedure of review and processing the patent applications. The magnitude of patents filed by DAE was also shown with specific statistics on patenting by IPR Gandhinagar. This helped the participants understand the patent application processing through DAE-IPR cell. Each talk was followed by question and answer session so as to clear possible doubts of the participants.



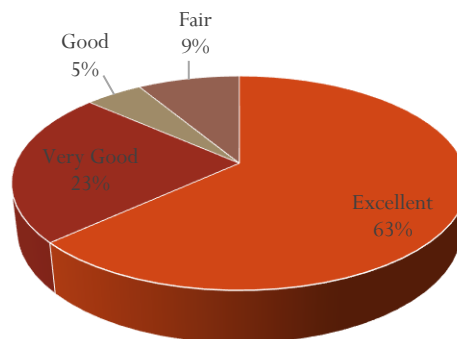
*Image 9: (L) Shri Saroj Das of IPR giving the vote of thanks for the event (R) participants*

## 5. FEEDBACK FROM PARTICIPANTS:

### Overall feedback on Parameters

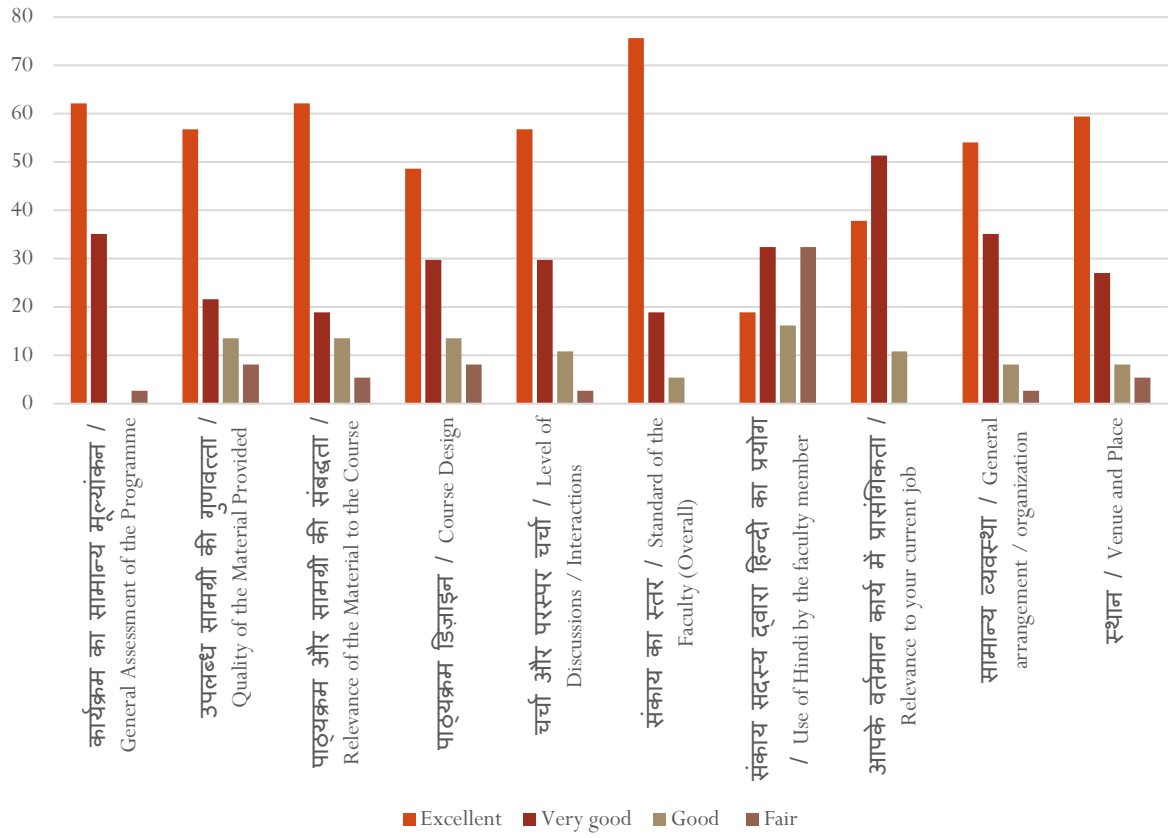


### Feedback on talks

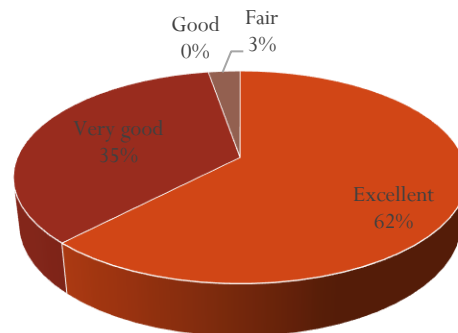




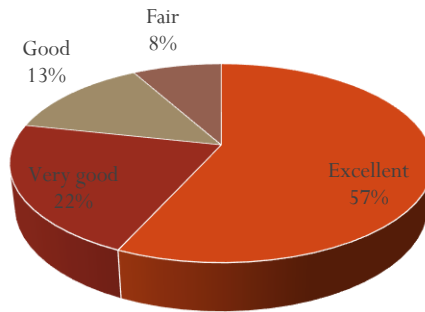
Histogram- Feedback Parameters (%)



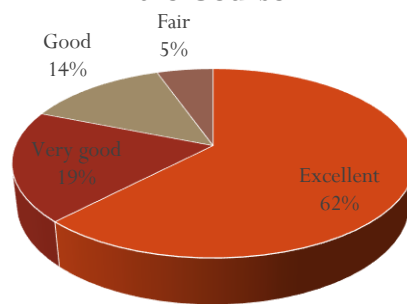
कार्यक्रम का सामान्य मूल्यांकन / General Assessment of the Programme



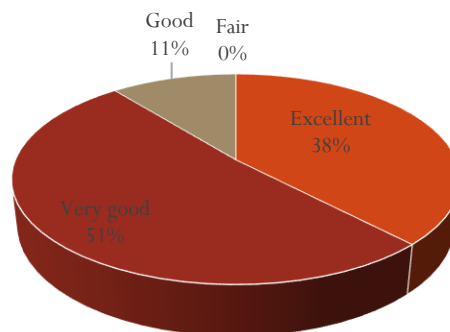
## उपलब्ध सामग्री की गुणवत्ता / Quality of the Material Provided



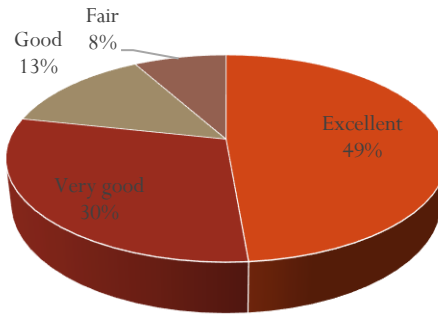
## पाठ्यक्रम और सामग्री की संबद्धता / Relevance of the Material to the Course



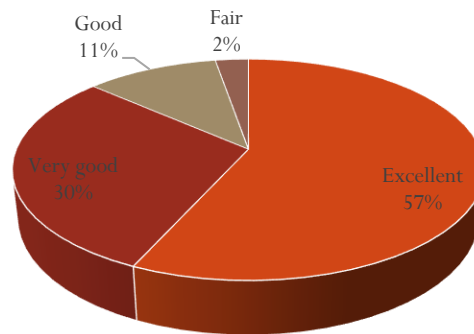
## आपके वर्तमान कार्य में प्रासंगिकता / Relevance to your current job



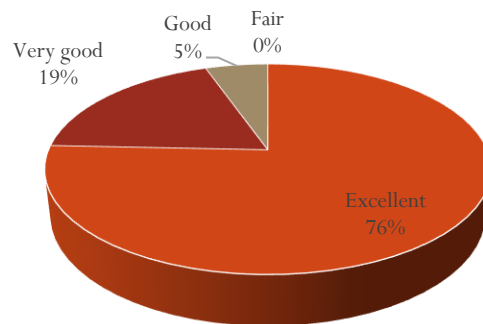
### पाठ्यक्रम डिज़ाइन / Course Design



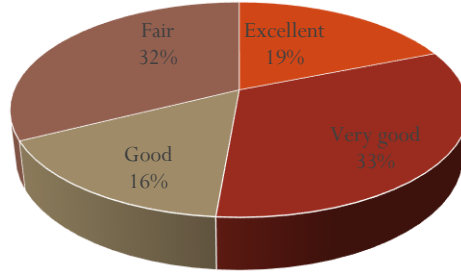
### चर्चा और परस्पर चर्चा / Level of Discussions / Interactions



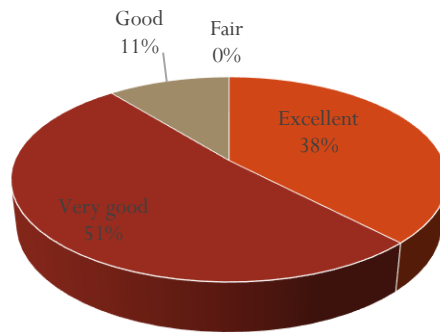
### संकाय का स्तर / Standard of the Faculty (Overall)



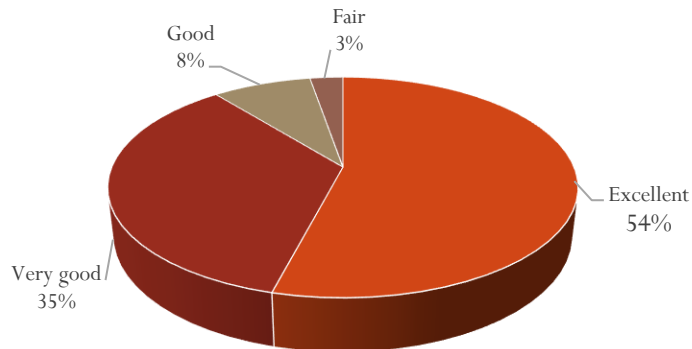
संकाय सदस्य द्वारा हिन्दी का प्रयोग / Use of Hindi by the faculty member



आपके वर्तमान कार्य में प्रासंगिकता / Relevance to your current job

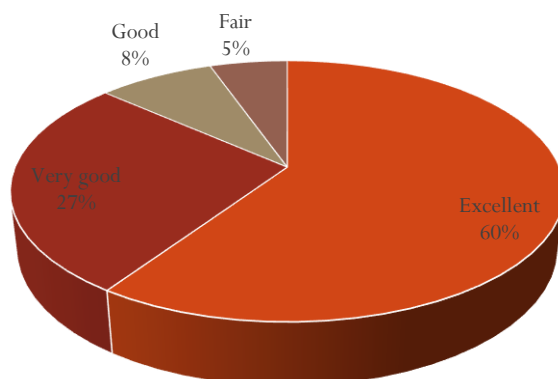


सामान्य व्यवस्था / General arrangement / organization





### स्थान / Venue and Place



#### 6. CONCLUSION:

- The workshop on intellectual property rights was widely appreciated by the participants and everyone expressed their contentment towards the knowledge gained on the intellectual property & patenting in particular.
- It was expressed by some participants that such workshops should be conducted every year so that new people could be educated about the topic and the acquainted staff would get more updates on the subject.
- It was expressed that such topics are not only useful to those who are patenting but also useful to those who are not aware about the potential of their knowhow which can be commercialized. This workshop gave a different perspective to scientific innovations and research.

#### 7. ACKNOWLEDGEMENTS:

The authors acknowledge with thanks, the financial support from Administrative Training Institute (ATI) for conducting this workshop, specifically the support from Dr. Saroja Gopal, Director ATI; kiranjeett Kaur, Asst. Director ATI. The authors also express their gratitude towards the support and co-operation from DAE (Shri Dani Rajiah, member-secretary DAE IPR cell and Shri Arun Shrivastava, Chairman - DAE IPR Cell) and the speakers Mrs. Anuradha Maheshwari, Partner LexMantis; and Dr. Nutan Khalap, TTCD-BARC. The authors thank Director IPR for his kind approval for conducting the workshop and IPR administration for providing supporting during the activities of this workshop.

❧❧❧ End of Report ❧❧❧

ANNEXURE-1

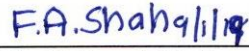
STATEMENT OF EXPENDITURE & UTILIZATION OF FUNDS

Ref: DAE Office Order Ref No.1/PC 56/2018-19/ATI/745 Dtd. October 22, 2018

Sanctioned Cost			Actual Expenditure
Sr.	Details	Amount (₹)	Amount (₹)
1	Course Fees/ Honorarium	15,000.00	7,500.00
2	Working Lunch	30,000.00	27,300.00
3	Course Kit	24,000.00	13,169.00
4	TA/DA	12,000.00	15,223.00
5	Hiring of Vehicle	1,000.00	-
6	Miscellaneous	200.00	-
	TOTAL	82,200.00	63,192.00

  
9/1/19

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Head, PTTS, IPR

  
9/1/19

Ms. Falguni Shah  
Accounts Officer - I, IPR

  
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Near Indira Bridge, Bhat, Gandhinagar-382 428.

Date: 07-01-2019

Place: Gandhinagar

## Intellectual Property Rights Workshops / Seminars summary 2014-2019

Year	Name of the workshop/ seminar	Date From – To
2014-15	DAE IP and Its functions	5th August 2014
	Workshop on Intellectual Property Rights	20th March 2015
2015-16	Nil	NA
2016-17	DAE Experience with IP Presentation	30-Dec-16
2017-18	Patents and Technology Transfer Lectures	13 <sup>th</sup> and 14 <sup>th</sup> July 2017
2018-19	Nil	NA
2019-20	Awareness program on Intellectual Property Rights	13 <sup>th</sup> Dec 2019

The above mentioned workshops/seminars were being conducted regularly to make Scientist/Engineers aware about IPR.



(Dr. T.S. Lakshminarasimhan)

Dean, Student Affairs, HBNI-IGCAR