



WOS-C
Women Scientists Scheme
(KIRAN-IPR)

PATENT FACILITATING CENTRE(PFC)

Technology Information, Forecasting & Assessment Council(TIFAC)
An Autonomous Body of Department of Science & Technology (DST)
Government of India, New Delhi



**PLACEMENT
BROCHURE**

2016-2017

**KIRAN-IPR:
WOMEN SCIENTIST SCHEME (WOS-C)**



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MESSAGE FROM THE EXECUTIVE DIRECTOR



Dear Recruiter,

Greetings from TIFAC!

The Women Scientists Scheme-C (WOS-C), was initiated by the Government of India, Department of Science & Technology (DST), in the year 2002. The scheme aims to train women having qualifications in science/engineering/medicine or allied areas in the field of Intellectual Property Rights (IPRs) and their management for a period of one year in order to develop a pool of women scientists geared to creating, protecting and managing intellectual property in India. Hands-on training on different aspects of IPRs (e.g. patent search, know-how, drafting, filing, trademarks, trade secrets, copyright etc.) is major part of WOS-C curriculum in association with various Knowledge Partners (i.e. Law firms, Knowledge Processing Organizations (KPOs), Companies, Government agencies, and so on). The scheme is being implemented and mentored by Patent Facilitating Centre (PFC) of Technology Information, Forecasting & Assessment Council (TIFAC) on behalf of DST.

About 500 women have already been trained under this scheme, out of which about 200 have cleared the Patent Agent Examination conducted by the Patent Office of India. Eighty percent of these women are pursuing their career in the area of IPR.

In recognition of its contribution towards empowerment of women, Hon'ble President of India conferred Rani Lakshmbai Award (Nari Shakti Puraskar 2015) upon TIFAC for this scheme.

I heartily welcome you to TIFAC for recruitment of the women scientists. You will appreciate the availability of a talented pool with requisite skills and training in IPR with knowledge of variety of scientific fields that can match your requirements and add value to your organization. We highly value our partnership with the recruiters, trainers and our trainees and remain committed to make your recruitment experience productive and positive.

With best wishes!

Dr. Prabhat Ranjan
Executive Director
TIFAC

MESSAGE FROM HEAD, PFC



Dear Recruiter,

Greetings from PFC, TIFAC!

I am pleased to announce that the 8th batch of WOS-C trainees consisting of highly talented and qualified young women is ready to take up challenging responsibilities of the IPR world.

The selection process of the trainees of this scheme, is quite rigorous and highly competitive. We select only about 120 candidates from all over India. Our curriculum requires these highly motivated and bright women to undergo mandatory orientation programme in different aspects of IPR, in the first month, which is followed by 11 months on the job training programme in various organizations including Government agencies, Law firms and KPOs/LPOs. They are also required to continually broaden their knowledge by participating in different seminars/conferences/workshops. Additionally, as mandatory requirement of this programme, the trainees are required to submit a Patent Analysis Report on the allotted topic.

The trainees are also encouraged to clear the Patent Agent Examination, conducted by the Controller general of Patent, Design and Trade Mark (CGPTDM) and are provided special training for the same. It is my pleasure to announce that, 33 candidates of the present batch have qualified the Patent Agent Examination conducted in 2016-2017.

I invite you to have a look at the profile of our 8th batch trainees. We look forward to nurture and grow old relationships and welcome new recruiters for a long-lasting and mutually beneficial relationship.

Looking forward to your participation in the placement process.

Yashawant Dev Panwar

Head,PFC

TIFAC

MESSAGE FROM COORDINATOR WOS-C SCHEME



Dear Recruiter,

First of all I would like to thank all our partner agencies who have contributed in their own way to this scheme and also would like to welcome new partners who are associating with us in taking this scheme to the next level. We started this scheme in 2002 with the objective that this would impart skills to women to gear them towards self employment. At that time even we had not envisaged that this scheme would one day bring accolades not only to Dept of Science & Technology but to the country as whole. And all this would not have been possible without the support of our partner agencies who have stood by these women while giving lectures in the orientation programme, workshops held during the one year, keeping them as interns in their organizations and giving them on the job training and last but not the least providing them job opportunities after the completion of the training.

All these years the women have been getting recruited in IPR attorney firms and govt departments through their own efforts and some informal support from PFC. With those efforts also the results have been very encouraging. We are now proud to say that out of total women trained under this scheme under 7 batches, about 60-70 percent of them are actively engaged in the IPR profession by way of jobs, partners in IPR law firms, entrepreneurs, free lancers, consultants and many more. But now the scheme has grown in its size and stature and it has acquired a national status and recognition. The market demand for these trained women has also grown because of new developments that have taken place in the last 2-3 years because of the initiatives being taken up by the govt like Start-up India, Digital India, Make in India and may more such schemes. These women are now not only being sought by law firms and govt departments but also by pharma and IT based MNCs, KPOs, Start-ups and the industry as a whole. In order to fulfill all these requirements and also take the scheme to a new level, we have now decided to formalize the recruitment process. We need your support in the sense that you come forward and participate in this Placement Fair of WOS-C- 2017 to give opportunity to women trained under 8th Batch to be part of your esteemed organizations.

Sangeeta Nagar
Scientist E and Coordinator WOS-C Scheme

ABOUT TIFAC

TIFAC is an autonomous organization set up in 1988 under the Department of Science & Technology to look ahead in technology domain, assess the technology trajectories, and support innovation by networked actions in select areas of national importance. In over 30 years of the service to the nation it has delivered number of technology assessment and foresight reports including Technology Vision 2020 drawn under the leadership of Dr AP J Abdul Kalam. Hon'ble Prime Minister in January, 2016 released Technology Vision 2035 prepared by TIFAC. In addition, TIFAC has contributed significantly to strengthen innovation eco system by initiatives such as Home Grown Technologies (HGT), TePP, TEMAP, SRIJAN, Patent Facilitating Centre (PFC) etc.

ABOUT PFC

The new world order heralded by the formation of the World Trade Organization (WTO), motivated creation of the Patent Facilitating Centre (PFC) in 1995 under the Department of Science and Technology (DST) for harnessing the creativity of the Indian knowledge generators (scientists and technologists). TIFAC responded to the need and started implementing PFC activities in 1995 under DST. PFC functions with four fold objectives of creating awareness and deeper understanding of Patents and IPR amongst scientific community in the country, supporting technically and financially in obtaining patents and other IP rights on their innovative and creative work, providing patent information as vital input to the process of R&D and also keep watch on the developments in the area of IPR and make it known to policy makers. In 2002 PFC was given responsibility to implement the Women Scientist Scheme-C (WOS-C).

ABOUT KIRAN-IPR (WOS-C) Scheme

The scheme was launched in 2002 and restructured in 2014. It was started specifically for those women who are desirous of making a come-back after discontinuing their career in science or technology. The concept of the scheme stemmed from the observation that Patent attorney who was handling Patent filing and prosecution in India did not have Science and Technology as basic qualification and number of Patent Agent/Attorney was very few. On the other hand, a large number of well-qualified women get left out of the mainstream science. The challenges faced by them are several but most often the “break in career” arises out of motherhood and family responsibilities. To address such issues and also increase the pool of Patent Professionals with higher qualification in S&T, Department of Science and Technology (DST) launched “Women Scientists Scheme (WOS)” during 2002-2003.

In the year 2014, DST restructured all the women specific programme under one umbrella known as “KIRAN”(Knowledge in Research Advancement through Nurturing). KIRAN is addressing various issues related with women scientists (e.g. Unemployment, relocation etc. WOS-A and B) and (self employment WOS-C).

1. Objectives of the scheme:

- i. Empower talented and skilled women who have studied science, engineering, medicine and allied areas to contribute effectively in the advancement of science and technology in the country.
- ii. Develop a pool of women scientists geared up in creating, protecting and managing intellectual property in India.
- iii. Train talented and meritorious women in laws related to protection of intellectual property (IP), management of IPR, determination of novelty and originality of IP, ascertaining patentability of an invention, searches of databases related to patents and allied databases and other aspects of IPR; enabling them to seek specialized employment or be self employed.
- iv. Develop a core of professionals for preparing specialized reports based on IPR such as technology scan and freedom to operate reports.

2. Coordination Centres

PFC TIFAC is the nodal agency having overall responsibility of implementing the scheme throughout the country including training of selected candidates. It has set up three more coordination centres apart from PFC, namely, Centre for International Cooperation in Science (CICS), Chennai; Indian Institute of Technology (IIT), Kharagpur and CSIR-Unit for Research & Development of Information Products (URDIP), Pune for facilitating training of candidates in their respective regions.

3. **Minimum Essential Qualification for Entry into the scheme:** Master of Science; Bachelors in Engineering/Technology or equivalent.

Qualification with subject areas in chemistry, drugs, food & pharma, computers & information & communication technology, electrical, electronics & communication, instrumentation & biomedical engineering, life sciences & biotechnology, mechanical, production & industrial engineering are preferred.

4. Seat Allocation:

Subject Areas	Number of Seats
Chemistry, Chemical Sciences, Drugs, Food & Pharma	30
Electrical, Electronics & Communication, Instrumentation & Biomedical Engineering	30
Computers & Information & Communication Technology	25
Life Sciences & Biotechnology	15
Mechanical, Production & Industrial Engineering	05
Others	15

5. Selection Procedure

Selection is done through an all India online examination and interview. Shortlisted candidates meeting the eligibility criteria are called for the online test. A merit list is drawn after the online exam for the purpose of interview and final list is drawn up after further screening through the interview process.

6. Training

Total duration of the training is one year. The training includes one month of intensive orientation programme on IPR at New Delhi followed by specialized workshops and hands-on-training in agencies engaged in practicing IPR for the rest of the period.

7. Orientation Programme:

It consists of lecture sessions on different topics as listed below:

- Indian legal system and IPR
- Basics of IPR
- Detailed information about all forms of IPR
- Creation & management of IPR portfolio
- Technology tracking through IP mapping
- IP valuation & licensing
- Emerging dimensions in IPR
- Developing IPR policies for institutions
- International treaties on IPR
- IPR audit
- Searching of Patents, Designs & Trademarks
- Basics of computer & software
- Communication & technical writing

Search sessions are conducted to give practical exposure and field visit to different organizations like Indian Patent Office are also organized.

8. Hands-On-Training

Hands-on-training is provided at partner agencies of the scheme such as government agencies dealing with intellectual property rights, Intellectual Property (IP) attorney law firms, Knowledge Processing Organisations (KPOs) and companies located in and around the Coordination Centres. The duration of hands-on-training is 11 months.

ACHIEVEMENTS:

1. Created about 10% of all active patent agents in the country so far
2. About 10% of all patent agents registered for IPR Facilitation for start-up by Government are alumni of this scheme
3. Pool of about 500 women IPR/Patent professionals created
4. The alumni of this scheme are behind 13 Start-UP IP Firms
5. Hon'ble President of India conferred Rani Lakshmi Bai Award (Nari Shakti Puruskar-2015) to TIFAC for the scheme



Why Recruit @KIRAN-IPR

- Talented pool of highly qualified and motivated young women with diverse scientific and technological backgrounds to choose from
- Candidates have already undergone rigorous one year training in various aspects of IPR e.g. patent search, know-how, drafting, filing, trademarks, trade secrets, copyright etc.
- Candidates well-versed in patentability search, patent drafting, filing and prosecution
- Many have qualified Patent Agent Examination in the very first attempt.
- Provide opportunity to academically bright women to restart their scientific careers.

“Sustainable and long-term development is not possible without the participation and empowerment of women, only if they participate in the economic and societal development, the full potential of *Indian* society will be unfolded.”

Contact for Details

Yashawant Dev Panwar

011-42525806, 9868590542; yashawant@tifac.org.in

Sanjay Sunderial

011-4252625

Dr Arundhati Bhattacharya and Jyotsna Singh

011-42525734

Past Recruiters

Cadila Pharmaceuticals Ltd

Nicholas Piramal

Anand & Anand

Evalueserve

Jubilant Organosys Ltd

Lall Lahiri & Salhotra

Du Pont

Depenning & Depenning

S. S. Rana & Co

Singhania & Co

Bioexcel

Novo Nordisk

R K Dewan & Co

Lakshmikumaran & Sridharan

Panacea Biotech

K & S Partners

Knowledgentia

Subramaniam & Associates

Blue File IP Services Pvt. Ltd.

S. Majumdar & Co.

Remfry & Sagar

Inolyst

Chadha & Chadha

Lex Orbis

Clairvolex

Obhan & Associates

Infosys

Xellect IP

Mahyco Monsanto Biotech

Aranca