

IP Management and Technology Transfer
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Lecture - 01
Introduction

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A very warm welcome in module 1 of week 1 of the course Intellectual Property Management and Technology Transfer titled Introduction. Now, this whole module, we have dedicated to get you the understanding that what exactly we are covering in these 8 weeks. And how we are planning the examination pattern for this particular course, if you are interested to get the certificate, and how exactly we have planned that 8 weeks, and how we are interacting. All these details we will discuss in this module.

Now, before start I would like to give you the understanding about the why this course actually what was the thought process behind developing the this course actually. So, when we see the observation that considering the IP management, and the scenario, current scenario, if we see we are observing definitely that there is a change in the IP development. Since, in a sense, the filing, I am just talking about the IP filing and that is definitely improved.

And we know that there are 2 types like a foreign filing is there and resident filing. Foreign filing in is in a sense we have a 2 categories. When we see the patent office statistics you can just check that resident filing and the another is like a filing by foreigners or the individuals who are from country other than India. So, that is another category.

If you see the statistics of our last 10 years, the scenario was like that the foreign filing was more than the resident filing that was the scenario. But now if you observe there is a shift. And the shift is like that resident filing is increasing that is one good observation or good we can say the scenario considering the IP awareness we can say or importance of IP is, we can say appreciated by the creators.

The second important observation if you see, it is like that the number is also increasing that the patent filing number is also increasing. And the third important fire important observation if you see as a country we are like improving on the innovation and then innovation index here like a that observation or that is also improving.

So, when we see this 3 we can say the positive observations are there. Then, we can say that in few we can say years, coming years, definitely we are expecting that much more IP filing will be there. And the observation is again that when you increase the number, when the number or a portfolio that it goes in like grows in number, what happens? That its management becomes important.

And therefore, we can say that knowing the IP management and then the another important point that is how to commercialize or what are the different ways of a technology transfer that also becomes very important when we are creating more and more IP.

So, that is a we can say the scenario which is there that we thought that yes, this is the need now and we should know that how we can do the how we can plan the IP management. That planning is very important. Now, the second thing is like this that and the disclaimer kind of thing that we cannot say that this is a full proof course, or it will give the whole idea about management IP management. Because within 20 hours or that stipulated time we cannot cover the complete we can say the details about IP management.

So, we can say that it is a primer for IP management and primer for technology transfer. It is like a very basic course on IP management and technology transfer. So, first we can say the objective of this course to give you the basic idea about IP management. Then, once you know this IP management, how to do IP management, definitely it will help you to plan your research and project activity. So, that you can plan the IP creation and its protection in advance before starting your research.

The third point is like a you can that identify, you can protect, and leverage the creation you are like owning it actually. So, when you create it; obviously, the for creating that legal right, you are protecting it by using instrument of IP and there are different 8 types of IPs are there.

And the last point that is you will plan the technology transfer also, I am just feeling that yes definitely if you go through this course, you can plan that technology transfer also. Before, like you can have that options actually, before you are that whenever you are planning your research.

So, before that starting only you can have some idea about what exactly will be the technology transfer related activities, what probability possibilities are. So, that is like a expected or that is expected when we are doing the project planning or research planning. And probably that basic idea you will get through this course. That is how we can say we

assure you that you will definitely get that basic idea about this IP management and tech transfer.

Now, another important, I have just given you the idea about the patent filing scenario and the innovation index and that particular scenario. Now, another important observation through our research is that, when we talk about IP management in the Indian organizations, we have studied Indian organization.

And in the Indian organizations and the foreign like organizations from the development nations, that two categories if you see, the observation and this study we have done between 2012 to 2014-15 and the observation is like this. That first that is when we are talking about IP portfolio.

I just take example of a patent portfolio, and we have done it in a particular sector. And we have considered the top most organizations in India in that particular sector and we have taken a top most organizations in the world. And the difference is like this if you see the patent portfolio, the top most organizations in the world, they are having the IP portfolio is like a, can you guess that how many patents a single organization may have? It is around 50,000 to 60,000 patents.

And if you see the Indian organizations at that time, the scenario was like this. Can you imagine if 50 to 60,000 the filing is like a top organizations in the world, however, Indian organizations were performing considering intellectual property. Any guess? It is around the 5,000, I will say 2,000 to 5,000. That also I am just giving a more number it was actually 1,000 to 2,000, but you can check it around 5,000.

Now, when and this is our research. So, now, we have that data. So, if it is a scenario, you can just check out that if that the same time we have a 5,000 patents and the leader world leaders are having that 50,000 to 60,000 patents that was the scenario that is the one thing. The second observation our research has shown that in the IP management there are almost 160 to 200 processes are there.

And if you see the Indian organizations, probably they were not and this is the data based on data I am saying, that they were not aware about the importance about that IP management and very basic we can say the processes were followed that is the scenario. Then, the actually these two differences are good enough to understand that the where exactly we stand considering the IP management.

I am talking about Indian organizations and we are talking about its comparison with the leaders in the world. And this comparison is just to have a idea that yes we have to reach there or we have to very fast we have to we can say that we have to learn that processes and implement that processes.

Now, if you want to do it very fast because these organizations had done trial and error and then they have developed that thing. Now, we have in our hand, the readymade, the processes which already established. So, our task is very easy. And so, we are expecting that through this course actually we are giving you a very few, we can give the idea about that management processes. But at least it will make you like ready for the future challenges of IP management.

And we can say that as that, and we are sharing with you that some tools and then some case studies. So that probably if you take it very we can implement it, if you try to implement it definitely you will find the difference in the result or the output will be definitely different. So, considering that IP filing scenario and we can say that yes, IP awareness is like it is as expected it is growing we can say, and the IP management scenario in an organizations and world leaders actually.

So, and the comparison is like for a positive we can say, the positive we can say the basis that we have to improve, so that we can have a like a very full proof IP portfolio which we can use it for our wealth creation, ok. So, considering these two scenarios and then the objectives which you can see here, we have developed this course. And we are very sure that you will get like lot of we can say the learnings through this course.

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Now, what are the free requisites of the course? Actually, we are expecting that of that 6 types the basic understanding is necessary for this course. Like, what are the what is patent or what is trademark or what is copyright. If basic understanding is there that is good enough.

We are not expecting you to know the details of every IP, that we are not expecting because we have I have already shared with you that this is like a very primary course on IP management. And therefore, we are expecting that basic understanding about the 8 types of IPs. So, that is a prerequisite we can say.

And there are various courses actually already available on the NPTEL or on Swayam platform on introduction to IP or roadmap for patent creation, entrepreneurship and IP

strategy, you can just explore that courses. And that will help you actually to get the basic idea about the intellectual property.

Now, here when we are talking about the that under expectations what we have done, in the second week we have tried to give you the little idea about the different types of IPs. We have done that. We have taken that portion. So, that if you are not aware about the basics, probably the second we help you to just go through that. And we have given the links also, so that you can get idea about that.

The second we can say the objective for having that particular second week dedicated on 8 IPs is like that quick recap of a all 8 types of IPs. So, that what will happen? That when we are going for a IP management actually we know that what exactly IP we are talking about, and what is our scope of a management means what exactly that IP management that scope is. So, that is the reason actually.

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Now, next is like a who will get benefited by this course actually. So, I will say that if you are associated with academic organization and if you are a student actually, you may be a school student college student or you may be a research scholar. And I am considering all 3 categories, because again my experience I can say that I have filed patent for a school going student also, and he was like a 6th standard student actually.

And he has like a filed a patent, and he won the prizes also because of obvious limits that take face he has participated, then there was a there is a competition forum that it is in Singapore actually, that tech related competition is there. That that observation or that we can say the experience, so confidently, I can say that school going, college going, and research scholar.

Research scholars though we can say that, it means I feel generally that if it is applied research every research scholar mandatory he or she should have that patent actually. So,

students will get definitely benefited, so that because if research scholar is there they can plan their activity. If they know the basics of IP management probably it will be very helpful for them to plan the research actually.

Then, teachers, when we are doing research, we have to we are doing literature review, it is a very common practice. And if we think about this IP or probability or I should now I should not use the probability, because it is definitely, if you go through the patents you will get a more information.

Because we generally say 70 percent of the information is not published that which is there in the patent is not published anywhere that is the that is a statistics again. So, that is the like observation that 70 percent of the data you will not get anywhere. It is in the patent document only. So, definitely we if we are engaged in research and all such activities you will get benefited by this course.

Then, scientist research organizations, we need all this active this IP creation is like when we are doing research. Our creation must be protected. And any of the IP which is a suitable for that particular creation we have to use it; so, definitely, and its management is very important and definitely that will be helpful to scientist.

Start-ups, it is I will say mandatory because any entrepreneurial activity IP gives you the competitive advantage. And its management is a very very important. Because for that particular time that monopoly is granted and that helps us to curb the competition, control the competition.

Then, MSMEs, I will say that it is a weapon. If we have a patent in our hand and again I can say my experience with MSMEs, lot of lot of patent MSMEs, I have filed actually and I have seen that the how it is like a addiction I will say. That once you file the patent immediately you think about the next development and you immediately you go for the next filing, that is observation. And definitely, that is helping you to we can say that develop new market or enter into the market at both the points.

Definitely, if you have a patent; and nowadays the one of the; one of the; one of the MSME only this information they have shared that nowadays customers are also very we can say the actively they are asking the question, they are aware that whether product is patented or not. And that is like if it is, and that is one of the reason again MSMEs are like they are increasing the or they are putting attention towards the filing of IP.

Corporate they are like already doing lot of IP filing, and that number is increasing and therefore, this course will definitely help you for the IP management. And even when we say the different stakeholders are there because IP is not limited to the R and D, if it is an organization, or if it is a education institute, it is not just limited to teacher and student.

But anybody, anybody who is like associated may have some idea and they can do the creations and everybody who is creative they will create that something which is like coming under the purview of that IP, and may be any type of IP. And therefore, there its management and tech transfer both is very important actually.

Tech transfer I will just take it because we should not get confused with commercialization and tech transfer. These are the two different terminologies actually. So, tech transfer is like we will go into details in week 7 and 8. So, we will talk about that particular details.

But commercialization is very important and that is like, and that is expected when we are creating IP. And therefore, I will say that those who are creative, those who are doing some activities which are creating something novel new, then definitely IP management and tech transfer both is like a very important to them.

Now, when we like think about the current scenario actually, we know that we are in the knowledge economy.

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Now, we this is a very common terminology, we probably you are aware about that farming to, then manufacturing intensive, right. And then now, we are in a knowledge economy where we know that the some terminologies come like data is oil and all this kind of a probably sentences or statements you are hearing daily.

So, what is this knowledge economy actually? So, this intellectual creation, I am just talking in context of IP only, that whatever the intellectual creation is there that is getting the importance. And if you see the again the statistics I can say, that 1980 the overall if world scenario if we take, the scenario was like this in the organization that before 1980 tangible assets were like a percentage of organizational capital percentage if you see 80 percent assets will be of a tangible in nature.

IBM portfolio, a patent portfolio I am talking, last 10 years you just check out that portfolio, it is always more than or around 8,000. So, you can just imagine 365 days and the patents which are filed in 365 days is like a around 8,000.

So, what is the level of we can say the innovations or intellectual creation is there, you can just imagine, and the activities which are going on to protect that particular creation. So, this is a simple we can say the example, that 8,000 single organization and it is like a top we can say in the list always having that particular portfolio every year.

And then, you can just check the other organizations here and how they are like filing the IP. I guess this much information is good enough to understand that how this IP is becoming like a very prime we can say, the core we can say, the asset of the organization. And if we are having asset, asset management becomes very important. And therefore, IP management is a very very important we can say.

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Now, moving further we can just check here the course plan. Now, there are total 40 videos and each video we have just plan that it will be around 30 minutes. Generally, like 16 to 20 minute video, we can if it is like a recorded video, it is a general observation, it is a study again I can say.

It is a statistical we can say, that data analysis and all this study shows that 16 to 20 minutes is the capacity to watch any, we can say that also I am giving you the number little more actually. But we have plan like to fit it in that 8 weeks properly equally. So, that we have what we have done? We have given a like in each week we have a 5 say that modules are there and it is around like a 30 minutes.

And if you see though each week it is coming around 2.5 hours. So, you can spend any time, this 2.5 hours at your convenience. Again, as it is a recorded, so you can watch 10 minutes,

you can take a pause, then you can watch again. So, at your convenience. Then, you can replay that to understand that particular concept or if you are implementing it, applying it, you can just play that apply it, again we revisit it.

So, it is your wish how to go for that particular going through that course actually. It is at your time, at your convenience and all. So, but weekly it is expected that you have to just devote that 2.5 hours to go through exact minutes if you talk. But if you want to replay understand it, then probably you will require little more extra time actually.

We are giving you reading material also, so that it will support you to understand it better the content of the video. Then, what happens that when you will watch videos, I will just suggest that quizzes are there actually, that quizzes are there. So, what you do? For quiz, where we are expecting the answer? That, you go and watch it in a YouTube actually.

Because if you watch in the website actually of a Swayam website, probably there you will not get the comment box. We you will get the comment box in the when you will watch that video in the comment box. So, for that quiz watch in the YouTube. And that quiz question we are expecting you to answer below the comment box. Below that comment box is there below that video, you please answer that thing. So, that is a one important thing.

And now whenever you are going through that video, what will happen? You may have some queries actually. So, how you can communicate that query? Who is going to answer that query? So, what you can do? You can use the discussion forum. You can just check here. Ask the question or discussion forum is there. And you just put your question in the discussion forum and we will take care of that question, ok.

And the second, we can say the interactive like how we are going to interact is like a 2 live sessions are there. The first live session will be after 4 weeks that is total 20 sessions of half an hour. And next live session will be after them around the 8th week, that is almost that we have complete, we are around completing the course. So, at that time we will have the second interactive session.

So, you have that two interactive sessions, at that time you can ask the question and you can get the directly the answers. And in discussion forum, you can put the question. We will answer that questions there in the discussion forum. And also I will suggest that when you are using discussion forum, it is not necessary that you will be means you among yourself also you can network and you can have a interaction on the discussion forum.

Considering your topic or if your other queries are there you are free to do that discussion on the discussion; obviously, subject specific, ok. And because it is a public forum and take care about that particular thing. Then, considering the assignments and examination actually.

So, if you are interested to get the certificate, assignments you have to submit it compulsory. Out of 8 assignments, 6 assignments mandatory you have to give because we are considering the 6 based actually. So, sometimes what happens that when course is running, if some emergency comes or some work pressure is there, probably you may not able to complete certain assignment in time actually. This may happen.

So, need not to worry about that. We are not considering all 8 assignments we are considering 6 assignments. So, you have to just keep in mind that 6 assignments you have to complete, ok. And why this arrangement? Because of this reasons actually that this issue may arise, may arise that some work pressure is there and all that things, you may not able to complete the assignment. And therefore, we are considering only the 6 assignments, the best 6.

If you have given all 8 assignments, we are considering the 6 based from that 8. Now, examination. Now, in the examination that will be the 100 marks paper, again both assignment and equation paper final question paper, both will be like a MCQ type only. So, once you do the assignment, you will get the idea how the questions are there. So, it is like a preparation for the final examination and then the final examination proctor examination is done, ok.

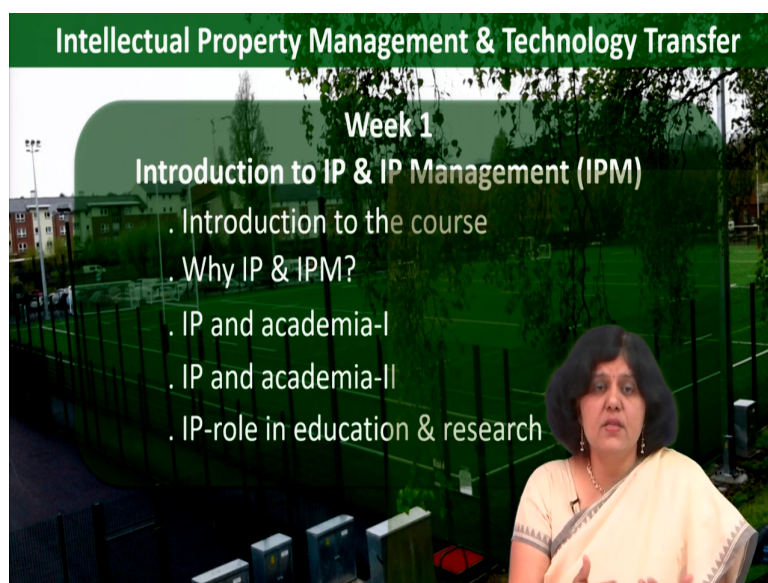
So, I guess this is good enough idea about the overall we can say the plan for the course. If you have any queries, you can just write down in the discussion forum. Let us move further and now we will just go through the complete the course plan.

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Now, you can just check here that there are total we can say the 8 weeks are there and therefore, 8 weeks, each week, we have a 5 session.

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Now, if you go to the first week actually, what exactly we are doing the first session now, that is introduction to course. The second is like a why IP and IPM. Like why this IP system because many times there was a discussion that this IP system will not survive, why this IP system is there, it is creating blockage to the science and technology development. So, one group is saying that. I am just sharing the reality actually.

Some people will say that IP is very important and then this is like very helpful, this is giving the benefit to the creator, this is helping us to create the wealth actually. So, that is another group. So, we will just see that what is the rational behind that why IP is there and what is that philosophical we can say the foundation. So, that we can get idea, ok this is the reason, this is the valid reason or this is the jurisprudential we can say understanding about the IP and then why that IP management.

Then, we will focus on one like IP and academia, means I am just taking one example of academia. You can apply it to MSME, you can apply it to organization, you can apply it to start-up or you can apply it to individual also. Because there are individuals and there are examples.

Can you imagine individual filing, maximum how many patents one individuals have filed actually? There are examples scientists who have filed patents and you just imagine one scientist how many patents have filed, ok. Just I give you the few examples. There are examples like Kia silver book is there, 4,000 plus patents are there or you know the there are scientists who are like 1,000 plus patents are there. And I have seen the in the IIT system, there are professors who have filed patents more than 150.

So, that is the scenario actually. So, in academia, also in that kind of a patent creation is there actually. And then, the I have given you the examples, like 4,000 plus patents by a single individual. So, that is also the examples. So, we are taking here example of a academic system and what are the different types of IPs are created. And then, you will realize that yes we are creating, so much, so much IP. But probably we are not aware about that and their management is important for a well creation.

In the fifth session of the first week, we are covering that how that IP is like helping in education and research organization, what is its role in education and research organization.

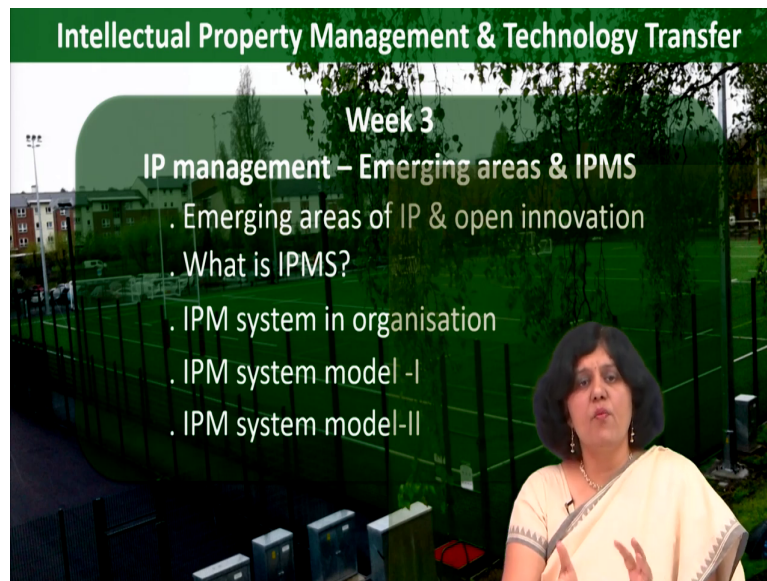
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Now, the next is like that, in week 2 as I have already told you, we are briefly giving you idea. It is like a recap. You know already, we are expecting that you know the basics of these all different types of IPs. But you can just check here that beta and copyright, trademark, industrial design, then semiconductor integrated circuit layout design, protection of plant varieties, farmers site, geographical indication, trade secret right.

And then, the little bit idea about the that IPM and various jurisdictions actually because we say that there is a protection of plant varieties and farmers site, but in USA it is a plant patent. So, that little bit idea we will just get. So, that we have a very clear base about the IP, ok.

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Moving further, in week 3, what we are covering is like a emerging areas and a intellectual property management system. So, we are saying that yes IP, IP, IP, but we are also believing on open innovation definitely because that combination; obviously, helps you to develop that science and technology.

So, we will talk about emerging areas of IP, we will talk about the open innovation, and then we will focus on the IP system actually. So, IP management system, what is it, then we will share with you the models actually of the that IPMS. So, that you can apply any of the model to your organization for your IP management system development, if you are having innovation sale like institute innovation sale which is activity of minister of innovations innovation sale.

So, that will be very useful for you. And if you have internal that quality department is there for that NAAC ranking, that generally all colleges have that particular department. So, definitely you will help this two models actually, we have we are sharing your two models. So, definitely, that will help you for development of your own IP system in your organization.

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Moving further, in the 4th module, what exactly we are covering is like this is a framework we are sharing with you. Now, what is that IP? Do not get boggled up with the term actually audit and all that thing. It is a IP audit, it is nothing with the nothing to do with the financial audit and all. We are doing a process performance auditing.

And this framework we are sharing with you, it is a very simple. And then, we are giving you two case studies also that we have applied this IP audit frameworks to so many actually

organizations. We are sharing only 2 examples or 3 examples here. We will share central university, one example we will share IIT Delhi and we will also share IIT Kharagpur.

So, we have applied that IP audit framework to these institutions and there are so many institutes we have applied. And we are observing that yes, means the IPR score is coming, more or less it is like that analysis is like promising I can say. So, probably you can apply this IP audit framework to your own organization.

If you are individual creating IP, you can apply to own your for your own IP management and you can just check out what is the score actually. And we have shared how to apply it, and how you can utilize it further for the further IP development, ok.

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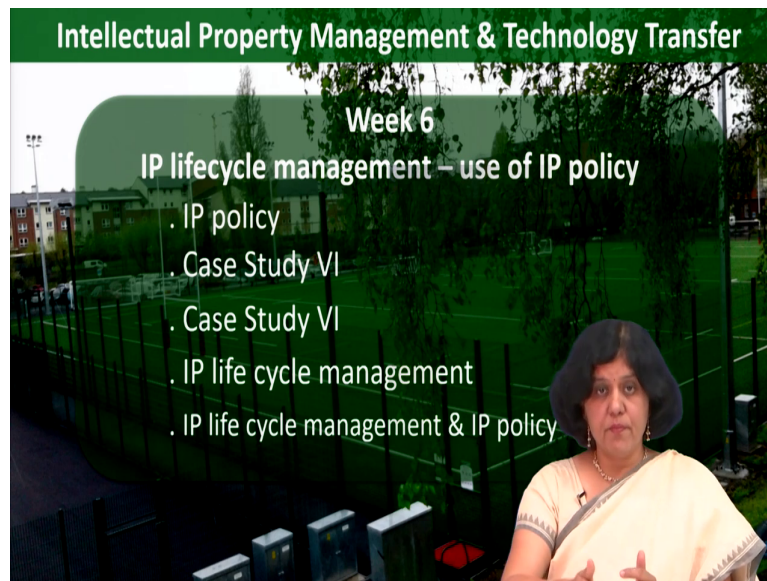
Next is like in the week 5 actually, we are covering that IP analytics for IPM because we know that intellect that patent searching and analysis we are doing, but how you can use effectively IP analytics. And you know that patent informatics is like a very vast subject like bio-informatics, patent informatics is there and there are lot many benefits of IP analysis.

Now, we are just focusing here that how you are helping. We will just give you the idea that where exactly this that IP analytics is useful, and then we will focus on the IP management and the that IP analytics actually. And then, the we are giving you the case studies also.

We have done the IP analysis like organ printing. You know that technology there are lot many patents in that organ printing actually, then that analysis we will share with you or CRISPR related analysis that how Indian scenario is there actually. So, that we will share with you or maybe we will share block chain and energy.

So, we have done the analysis of we can say the so many technology in so many technology areas we have done the analysis, a few case studies we will share with you for your understanding, ok.

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So, let us now move to the week 6 actually. And if you see the week 6, we are focusing on the IP lifecycle management and the IP policy. Policy you probably have heard you that IP policy, then national IP policy, and then there are like academic organizations in IP policy, state and IP policy that discussion is there always.

But here what we are focusing on is like how will you use actually, means that somebody is creating IP policy, probably it may not be this this may happen that may not be suitable to the stakeholders and all. So, after going through this probably, this section, this week you get idea that, ok why this IP policy is required, what are the different aspects which we need to cover in the policy and how that IP lifecycle management whatever is there in the organization that we our system is there.

How that IP policy we have to make it effective. So, that we can have a successful development of that IP management system. Then, that will help you effective IP lifecycle management. That will help you to create a very good IP portfolio and then next step will be the proper wealth creation.

So, for all this things, policy document should be very important, and policy it is a very customizable. We will share with you the framework also. So, that you yourself can develop your IP policy and you need not to depend on anybody for a policy development.

So, that is like objective of this week actually. And we will expect that once you create that you share that IP policy that is because, when you create that IP policy it is expected that every stakeholder in the in that particular organization should be knowing what is the IP policy of that organization. So, if you see the public organizations, like say all IITs you take, IP policies always they are available, so that everybody should know what IP policy is followed by the that organization, ok.

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Next moving further week 7 actually. So, now, what will happen that week 7 and 8 we have focused on technology transfer. So, for 6 weeks we have focused on IP management and 2 weeks we have dedicated on tech transfer. Again, we are like say that there is a positive of considering that time constraint actually only, we have to plan it in the Swayam.

Otherwise, IP management is a separate we can say, we here take as a separate course as a 4 credit course and tech transfer is again we are just focusing on the trade secret only in that. And that is the then the 4 credit course. So, subject is vast, we are just trying to cover it in that stipulated time.

So, what exactly we are covering in tech transfer? We will clarify the concept of commercialization I have already mentioned tech transfer and commercialization, many time

it is interchangeably used. So, that is not the case actually, there is a difference. So, we will try to understand that difference.

And then we will focus on tech transfer definition and concept. There are models which are suggested by the research scholars the experts in that area, we will just go through. But again I can say that the observation is like that. You can get the idea that a theoretical knowledge about all technology tech transfer, and this is very clear and now only I am telling you that you will get the different details about tech transfer.

Here we are covering; obviously, the that basic thing, but actually when you do the tech transfer, the scenario is always different. And there are so many factors which are determining that success of tech transfer. And what is the success of, what are the parameters for measuring the success of tech transfer, that is again the different study actually. But we will share with you the few models.

And what are the different ways of technology transfer, we will give you the few types we can say of tech transfer different ways. And we will share one case study, so that you can get the idea about the technology transfer.

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Next in the last week, that is the 8th week, we are sharing with you the contracts because that is something very important. When we are dealing with maybe tech transfer or any IP related activities contract is very important. So, we will give you the that introductory idea about the tech transfer contracts because we are focusing here on technology transfer.

We will share with you the structure of that contract. Then, we will give you how IP management and technology transfer are so integrated. We will just take that thing. And the most important that two capsule versions are there. So, after first 4 weeks we have a capsule version, it is like a summary of that 4 weeks.

And we are trying to give the there are few concepts probably we may not able to cover in that structured we can say the weekly structure format. So, we are considering it in a capsule version. So, that we can have the like a day-to-day whatever problems you are facing in IP

management, we are anticipating it, we are getting your we can say the on discussion forum you are writing it.

So, we are obviously, considering that questions, and we are developing that capsule version based on that. Because what happens that in the discussion forum many times we cannot able to answer all questions because some questions require discussion, explanation and probably in writing that much clarity may not be kind of possible.

And therefore, we are we have this arrangement of a capsule version and we can share with you that particular concept through this capsule version. And then, the last we will summarize whole we can say the 8 weeks content. So that you can get the idea yes, in the 8 weeks we have got this much information from this course and now we have to like implement it and get benefit from the IP. So, this is about the whole core structure we can say.

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And then, now we can just go through this whole structure. This whole content is shared on the website. So, you can just check that. That is these are the points which will be covered.

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And then, now as when you will complete the course actually, you will get the certificate. And obviously, there is one arrangement in NPTEL that is of our internship. So, generally, we are doing this thing that 1 or 2 or maximum 3 learners from this course who are top most performers in the examination, you have that 1 month or 2 month, I generally prefer a 2 month internship.

And because in 1 month again it is a very small time. So, if really somebody want to understand little bit more or work in that area, 2 months if you dedicate, probably you will get little idea, little more idea than the course obviously, about the IPM. So, we are offering that internship. That is arrangement in NPTEL. And this is generally you get the scholarship for

that internship, but there are certain criterias and based on that criterias that will be like as per the rules guidelines of the NPTEL, ok.

So, I guess this much information is good enough for you considering the course. You got the idea about the whole course structure. We have also shared by these courses there, how it will get benefited, who is like getting benefited.

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And now like I have already told you which time. So, I just want, because this is the first session we are not expecting you to know the answer, but in the comment box you just try to answer that what is IPM. I do not want that long form of IPM that IP management, but I would like to know what is your expectation or what do you think what is IP management. That is concept what is there.

And what is the technology transfer because these are the two important we can say the topics we are covering. And what is your understanding about this subject. Obviously, we are getting into details of that, but what is your understanding or what is your expectation that what you are expecting from the course. That probably, you can just take that also and you can write it in the comment box.

And I request you that comment box you will use only for the this quiz questions. And we have a quiz in every session we have, mostly in every session we have a quiz. So, kindly use it. And the purpose is very clear that immediately while you are going through the that content, you can answer that query a question there.

So, we will get understand that we will whether we are able to impart the correct concepts we are imparting or not. That is for our test actually, ok. So, you just give that details of answers of quiz. And you can have a discussion there also. And in the discussion forum all whatever queries are there, other than only these two questions we will consider in the comment box below. And other whatever queries are there discussion forum is there.

Again you can network there, and then you can have a discussion there, and then you can have some very interesting topic and create a discussion also. So, that facility is already there, ok. So, with this, we are coming to the end of this session. See you in the next session and we will start the course with the that what is IP and what is the residential basis for that IP. So, in the next session.

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Intellectual Property Management & Technology Transfer

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Thank you.