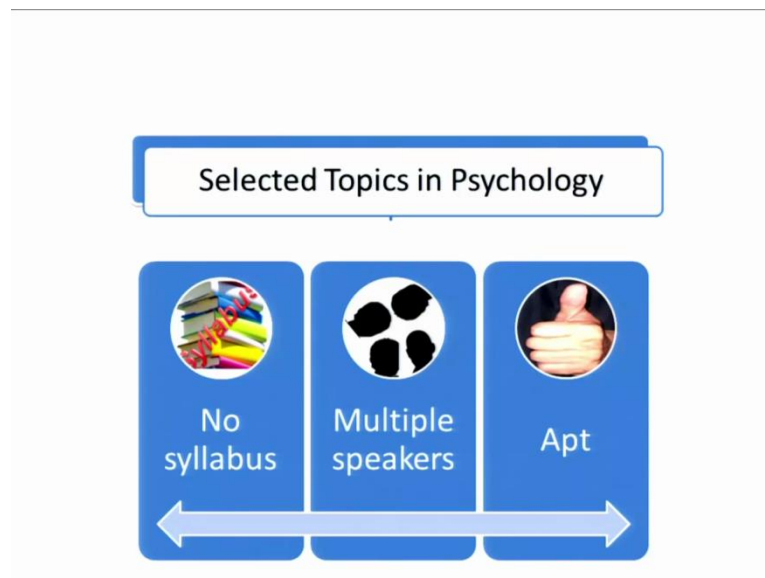


Selected Topics in Psychology
Society, Culture and Psychology
Prof. Ramadhar Singh
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Indian Institute of Technology, Kanpur

Lecture - 1
Introduction Selected Topics in Psychology

I take this opportunity to introduce to you a new course what we call as selected topics in psychology. This very course is very very different compared to rest of the NPTEL courses in three ways. One – it has no prescribed syllabus.

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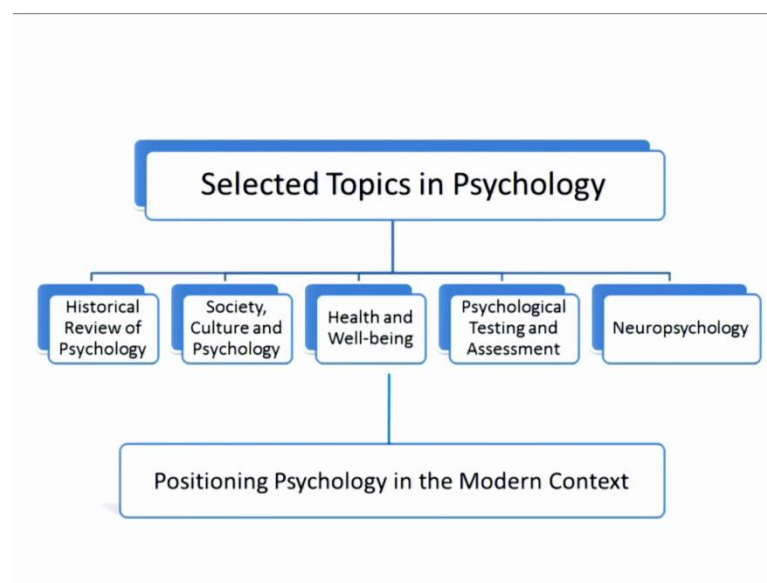


If you look at the other NPTEL courses, you have a defined template, you have very very defined course structure and then you also have a defined time limit. Unlike, those NPTEL courses, here you find that it has no prescribed syllabus rather topics which are very very pertinent, issues which are burning, such topics which attract the attention of the beginners such topics that attract the attention of those were not in psychology. As well as topics which usually people know of the other domains of knowledge would also like to know, those topics have been very surgically chosen for this very course.

Number two that this very course has multiple speakers, I must tell you that little later, I will be introducing to you and ((Refer Time: 01:25)) of the speakers,. So, all together nine different people have know talked on different different topics which are of extreme

relevant, which are of great interest. And third, you know this entire exercise of coming forward with this course is very very apt. In that sense, you would realize little later that know there are historically certain significant events that make us think of a course like this – one; two, you would see the collective strength of this very course. Collective strength in the sense that you have multiply speaker, you have people coming from different domains of knowledge. You would also see that they are people who are from you know little diverse background and of course, this whole course covers of wide range of topics.

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For the convenience, this very course has been divided into six different segments. The first segment is the historical review of psychology, second segment, which deals with society, culture and psychology. Third segment which is you know focused on health and well-being. The fourth segment which is focused on psychological testing and assessment. The fifth area which deals with neuropsychology, and most importantly, it also has something called positioning psychology in the modern context that is the sixth and last segment. And this segment is very very different from the other five segment in a sense that real there is one talk, but it has two panel discussions.

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Selected Topics in Psychology	
Historical Review of Psychology	
Topics	
1	Psychology: Emerging of a discipline
2	Beginning, growth and decline of Western psychology in India
3	The core and context of Indian psychology
4	The indigenization of psychology in India

So, we come again to the historical review of psychology under this very heading, we will have four different lectures, which primarily would begin on emerging of a psychology is a discipline to the whole indigenization of psychology in India.

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Selected Topics in Psychology	
Society, Culture and Psychology	
Topics	
1	Weaving culture into psychology
2	Culture and self: Implications for social behaviour
3	Cultural and organizational behaviour
4	How do similar attitudes determine attraction?
5	Why do similar attitudes determine attraction?

The second area that is society, culture and psychology, there also we will have five different talks, which would again be you know talking about certain issues which have cultural and social relevance to how culture and organizational behavior, you know they interact as well as we would also have topics on attitudes similarity and dissimilarity.

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Selected Topics in Psychology	
Health and Well-being	
Topics	
1	A beautiful mind- Perspective on brain , mind and it's challenges
2	Emotion and well-being
3	Mental health and illness
4	Folk Healing Traditions in India
5	To sleep or not

The third segment, which is a health and well-being. It will have five lectures, and interestingly you will have you know whole lot of diversity in terms of the range that this now section covers very will have a psychiatrist talking about you know the perspective on brain and mind. And then it will know come up to positive emotions well-being, mental health issues. In fact, folk healing would also come into being and of course, the major issue of sleep or sleep deprivation.

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Selected Topics in Psychology	
Psychological Testing and Assessment	
Topics	
1	Issues and challenges in psychological assessment
2	Nontraditional research in behavioural sciences
3	What a surprise: My results are nonsignificant
4	Neuropsychology and cognitive neuroscience research
5	Functional MRI in psychology

Psychological testing and assessment has now whole range of again diversity five different talks would be there.

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Selected Topics in Psychology	
Neuropsychology	
Topics	
1	Side bias in human behaviour
2	Brain microstructural correlates of cognition in Cerebral Palsy
3	Brain microstructural correlates of cognition in vitamin B12 deficiency
4	The neuroscience of addictive behaviour
5	Who is at risk and why? The neurogenetics of vulnerability to addiction
6	The gambler's lament: Behavioural addictions- gambling, internet and porn addictions
7	Art and the brain

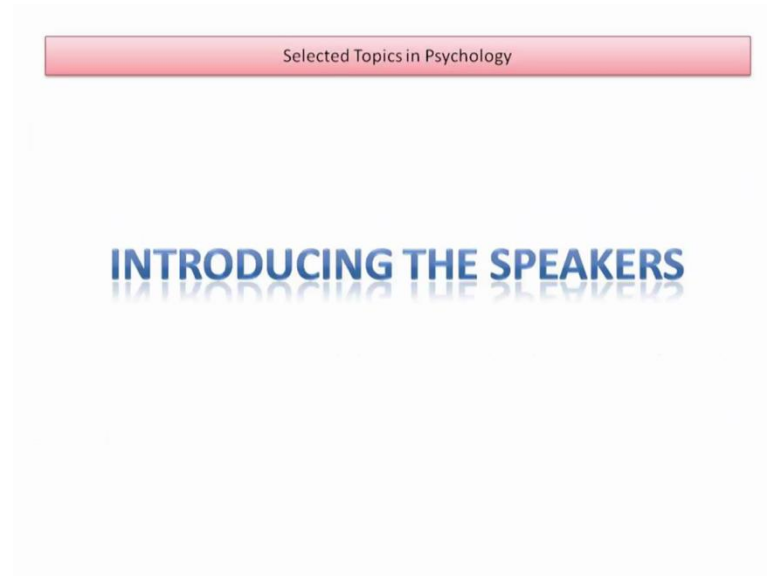
The fifth segment that is neuropsychology, it has know the highest number of talks, a seven different talks you will find in this section.

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Selected Topics in Psychology	
Positioning Psychology in the Modern Context	
Topics	
1	Technological advances in other areas and their impact on psychology
2	Positioning the state of psychology in India in the global scenario
3	Scientific publications in psychology: Trend, Issues and Concerns

And then the last segment that is positioning psychology in the modern context have a there is one lecture followed by two panel discussions.

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It is my privilege to introduce to you a distinguished lead panel of the scholars the best that you can think of introduce India. I am going to introduce to you these speakers in the alphabetical order. Prof. Ajit Dalal is a professor of psychology at University of Allahabad. He was a visiting faculty at Queen's University, Canada; National Institute of Health and family welfare, New Delhi; IIM Ahmadabad and Calcutta University. He has contributed to area such as information integration theory, causal attribution, research methods, health beliefs, folk healing, disability attitudes and history and concept in Indian Psychology.

Dr. Alok Bajpai is a senior consultant psychiatrist at Kanpur. Between two thousand three and four, and again two thousand six – seven, he worked as consultant psychiatrist in Australia. His area of interest includes child and adulthood mental health, beside psychiatry physics, film, music and literature. He has been organizing awareness campaigns and workshops, especially with schools. And has trained teachers aiming at increasing sensitivity towards childhood problems. He is also a regular columnist, who writes about issues of psychiatry and sexuality for general readers.

And the coordinator of this course and in that capacity I am taking the privilege of introducing this course and as well as the speakers to you. It is little uncomfortable introducing oneself, but I have no choice. Well, I am currently as associate professor of psychology at II Kanpur. Earlier, I have worked at IIT Guwahati and also at Kyushu

University Japan in visiting capacity. My area of interest includes cognitive psychology and (()) psychology.

Prof. Girishwar Misra is a professor of psychology at Delhi University since nineteen ninety-three. Earlier he had served Bhopal University, Allahabad University and Kharagpur University. His area of interest includes sociopsychology, human development, cultural and indigenous psychology and human motivation and creativity.

Prof. J.B.P Sinha is a professor of psychology and management at the Association for Social Engineering, Research and Training – ASSERT at Patna. He had earlier worked at Ranchi University and A N Sinha Institute of Social Studies at Patna. He was also a visiting faculty to (()) College City University of New York, (()) university and (()) university. His work area of interest is includes style of leadership, work culture, dependence (()), organizational behavior, cultural context of health and Hindu identity and national character.

Dr. Manas K Mandal is an outstanding scientist at the defense research and development organization that is D R D O. And he is currently the chief controller R and D of life sciences in D R D O since march this year. Prior to this, he was the director of Defense institute of psychological research – D I P R, one of the D R D O labs. Before joining D R D O, Dr. Mandal was the prof. Of psychology at the department of humanities and social sciences at IIT Kharagpur; and he had also served Banaras Hindu university; twice he was visiting professor at Quest university Japan. His area of interest includes social cognition and experimental neuropsychology.

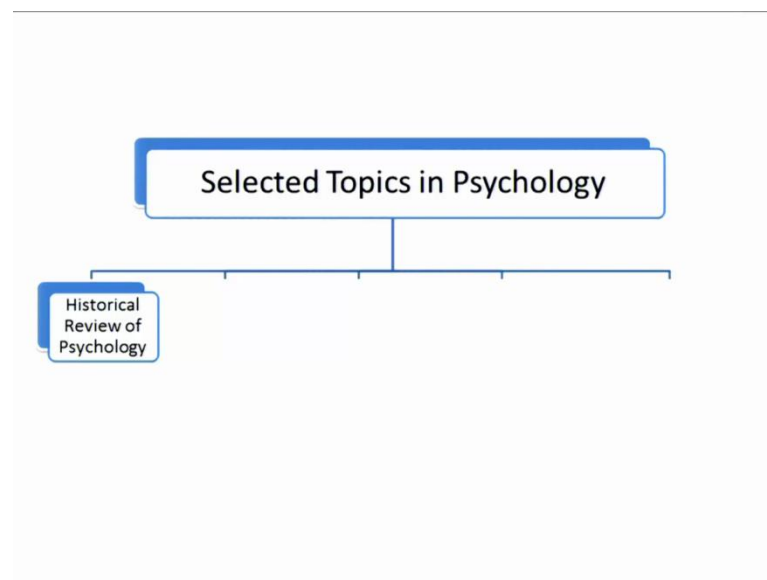
Dr. Rakesh Gupta is the head and director of radiology and imaging at Fortis Memorial Research Institute in Burnham. Earlier, he had served Hindura hospital and institute of nuclear medicine and lived sciences that is Inmass at Delhi. From nineteen eighty four to two thousand and twelve, Dr. Gupta served at Sanjay Gandhi Post Graduate Institute of Medical Sciences at Lucknow. He is a neuroradiologist with more than thirty years experience in clinical studies and larger number of publications. He has been involved in the validation of various software and its clinical application in neuroscience.

Prof. Ramadhar Singh is a distinguish professor at IIM Bangalore, since two thousand and ten. Before this, he had served in National University of Singapore, IIM Ahmadabad,

IIT Kanpur and Patna University. His research areas includes in attraction, cross cultural and developmental differences, and leadership and decision-making.

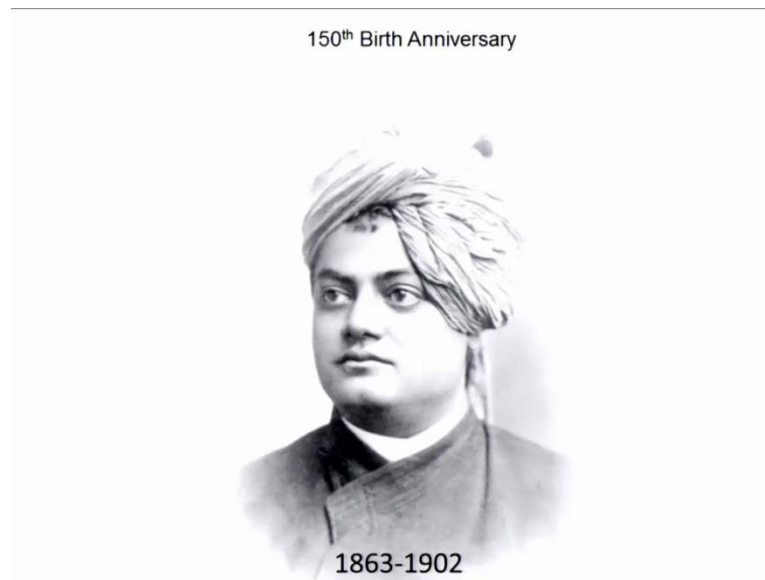
Prof. Vivek Benegal is the professor of psychiatry at the National Institute of mental health and neurosciences – NIMHANS Bangalore. His major research is directed towards (()) in India, and neurobiology and genetic of alcohol dependence. He has been actively involved in policy and advocacy related to substantibuse. As we can see, we have psychologist, we have psychiatrist, and we also have radiologist in this panel. And another interesting thing that we have people who are in teaching and research as well as people who are in clinical practice. So, all together this is you know a very very vibrant and as I told you very very distinguished and lead panel of speakers.

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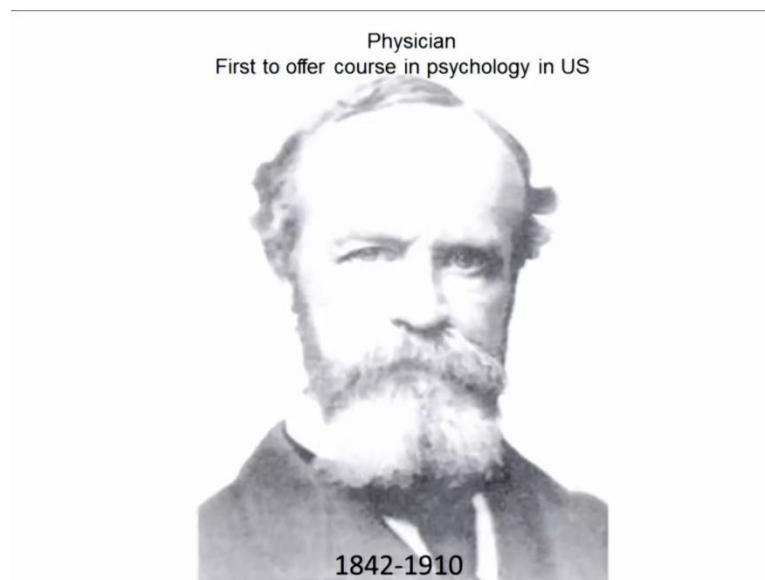
Coming back to the topics and the subsections, the first section it is historical review of psychology.

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It is very very important to understand that we are right now celebrating the hundred fiftieth birth anniversary if Swami Vivekananda.

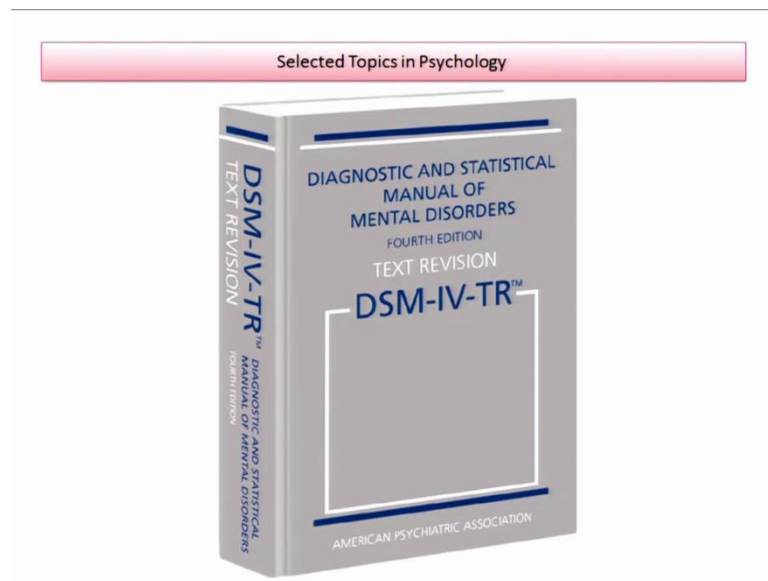
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And if you trace the history of psychology, you find that the first person to offer the course in psychology in the US was William James. And William James had a connection with Swami Vivekananda, he did here him for long. At time, when we are celebrating the hundred fiftieth birth anniversary of Swami Vivekananda, it makes sense to look forward to a course, which starts from know the historical and dissidence

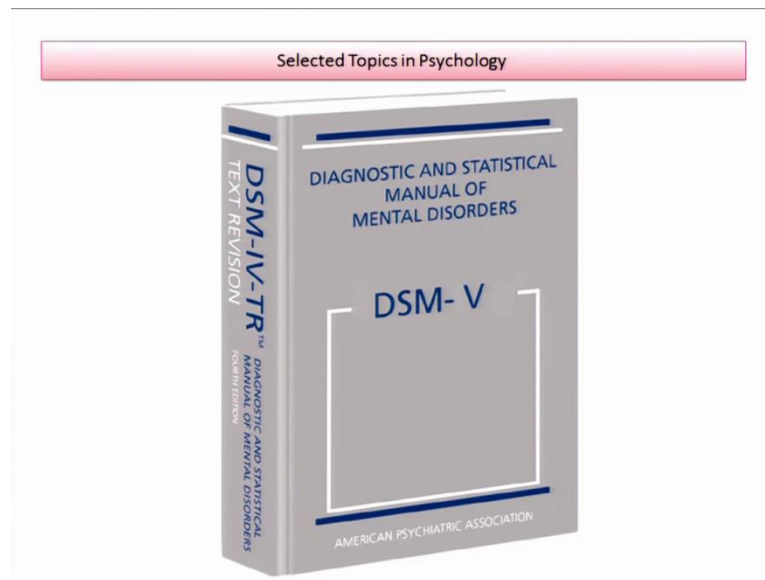
psychology to the very very modern looked at has taken right now. Second and most important thing that in nineteen hundred and sixteen, when the first department of psychology began at Calcutta University ok. In next two years, psychology in India is going to be hundred years old. It is extremely opt for us at this point in time in history to think off a course like this ok, where we have know write from historical an dissidence to the modern looked at psychology has taken with all its diversity, taking a very very multi disciplinary approach.

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And third and very very important thing, why this you know topic, why this course is very very opt is the fact that now DSM four T R is undergoing revision; and by that time, the course will be ready after editing.

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DSM five will come into existence. With this introduction, I invite you all to this talks, Selected Topics in Psychology. Let us come back to the first section that is historical review of psychology. The first section presents to you this historical review of psychology, which is of course,, inclined more towards psychology in India. And primarily it is designed to map the growth and development of scientific temper of psychology as a discipline.

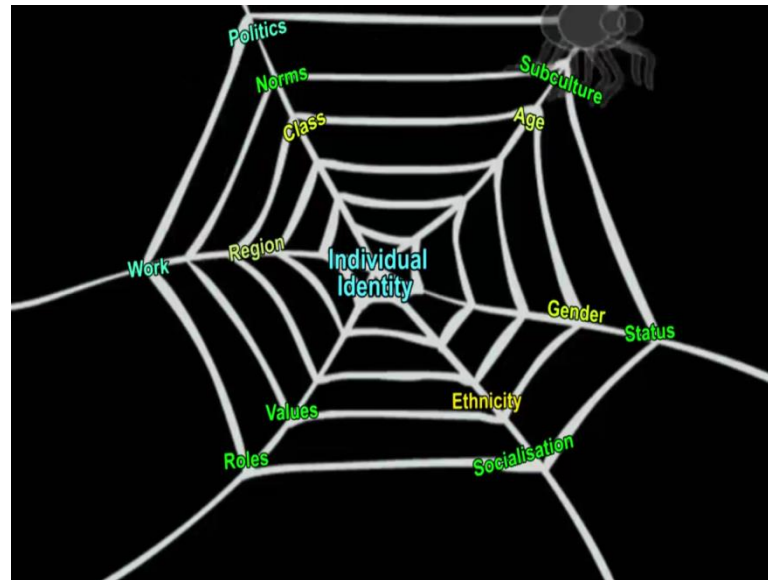
The first topic that I would be covering is a how psychology immersed as a discipline. Then we will have a talk by Prof. Ajit Dalal K, who would basically know telling you about the growth and decline of western psychology in India. Thereafter Prof. Girishwar Misra will talk to you about the core and context of Indian psychology and finally, Prof. J. B. P. Sinha will be talking to you on the Indegenization of psychology in India.

Very interestingly, although this talk was recorded know in various phases,, but you will realize that his talk Prof. Ajit Dalal refers to the work of Prof. J. B. P. Sinha, and Ramadhar Singh. And Prof. J. B. P. Sinha, in his talks he refers to the work Prof. Ajit Dalal, Ramadhar Singh, and Prof. Girishwar Misra,. So, that is an interesting dynamics that you will realize in this course.

The second theme is Society, Culture and Psychology. This section will focus on socially demonstrated and culturally acceptable behavior that help you understand, how psychologist interpret them. For instance look at this rituals that is often seen in Hindu

families, when they are blessed with a new born baby. Sharing and caring is an integral component of our Indian culture. This is a common observation during Mugaharm in India.

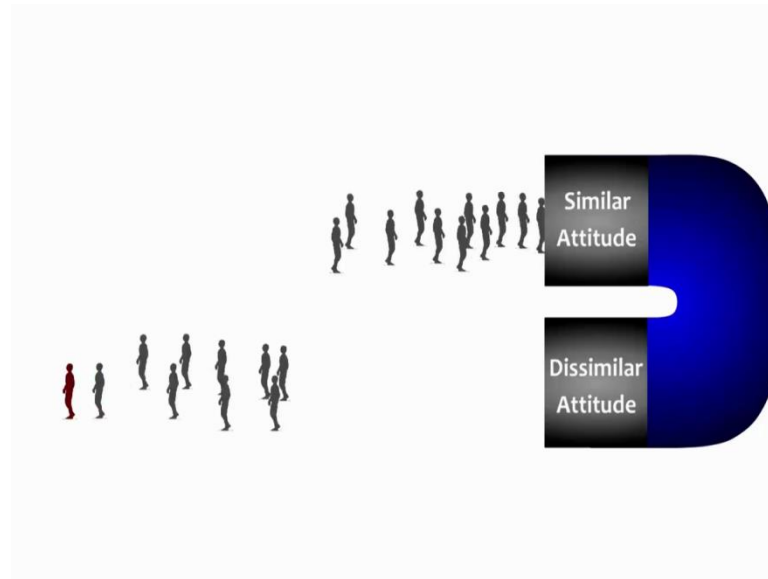
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This section will weave the social and cultural salient of the manifested behavior, and focus on the psychological significant of such behavior. The first talk in this section would be weaving culture into psychology and you would realize that this is know much more with respect to the case of intelligences. The second talk refers to the implications of culture and self for social behavior. This talk also exclusively focuses on self in Euro-American context, self in non-western cultural context and finally, the Indian perspective on self.

We have all seen men at work. Prof. J. B. P. Sinha would show you that interplay of society, culture and work.

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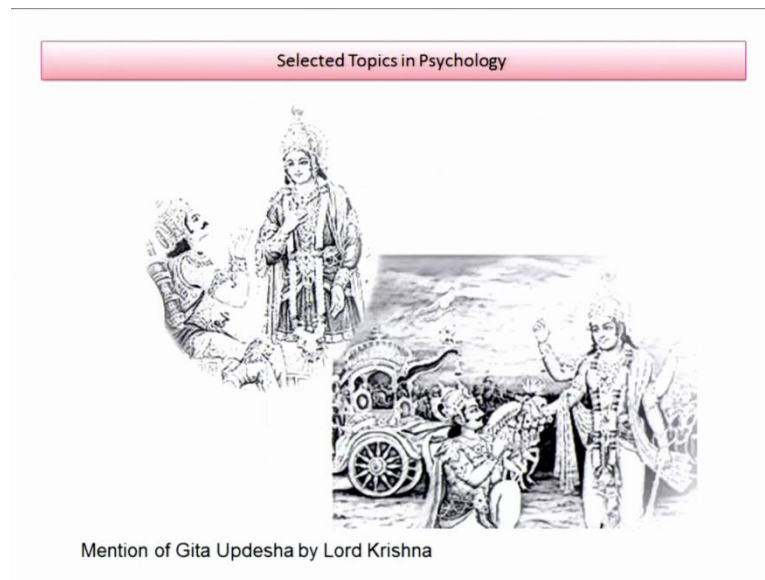


In our day-to-day interaction, we find ourselves attracted towards others or repelled from them. This can be seen every now and then; in individual interaction, group discussions, formulating and supporting of viewpoint and. So, forth.

Two talk by Prof. Ramadhar Singh will explain the how and why of attraction based on attitudes similarity and dissimilarities. The most unique thing in these talk would be mapping the trajectory of research in these direction on time scale ranging from nineteen sixty one to two thousand and thirteen.

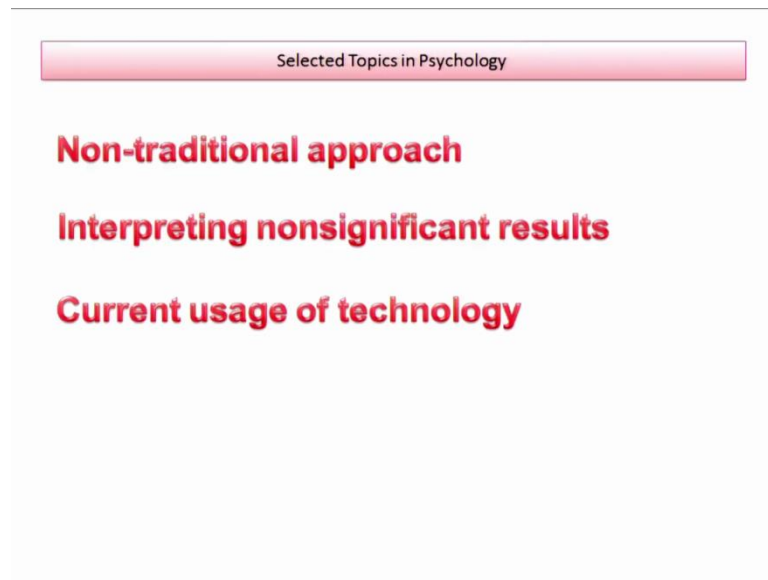
Thereafter we will have the third section that is health and well-being. This is the most important pertinent section of this talk series, which covers a very large spectrum. It ranges from lay concept to the technical knowledge about behavioral classifications on clinical criteria. Right from, what is socially prescribed culturally acceptable to what advent the behavior demands attention of the clinicians; everything is enveloped in this very subsection. It touches issues like organization of life activities, excess to health care, tabu, stigma, concerns about wellness and sleep related problems. Most importantly the talk focuses on the lessons from psychological research and sustainable happiness.

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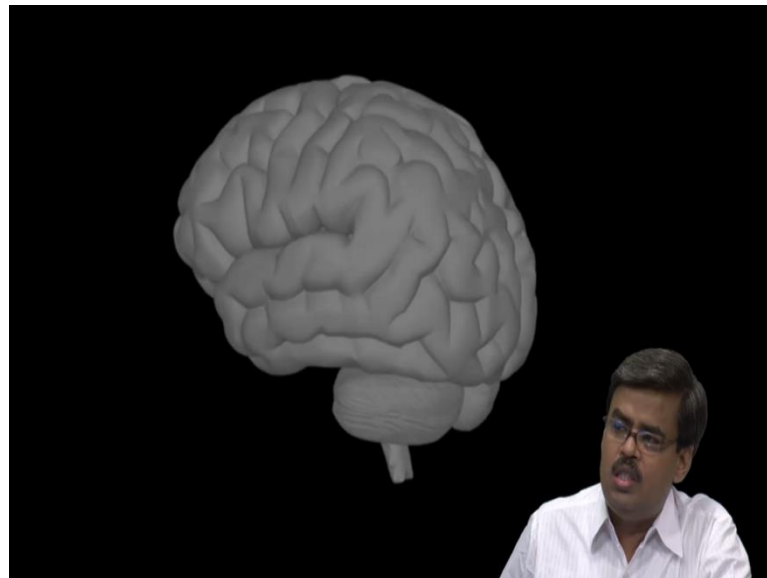
One of the reasons to include this subsection is the fact that DSM five is about to come into picture. Another interesting thing that you will find in this section is the two of the speakers, a Prof. Ajit Dalal and Dr. Alok Vajpye both of them have mention Gita Updesha by Lord Krishna, when they talk about human behavior. The fourth section deals with psychological testing and assessment. In this section, we will revisit the issues and concerns related to a assessment. The major highlights of this section are looking at behavioral research from a cognitive neuroscience perspective, and elaborate introduction to MRI as a technique. And the most interesting topic dealing with non-traditional research. Psychology has been obsessed with reporting statistically significant findings and the moment one finds non-significant results, the person becomes distressed. In a unique a rear talk you will understand the process of deriving meaning out of non-significant statistical findings.

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Another interesting thing that you will find in this section is of course, focus on the non-traditional approach, interpreting non-significant results and most importantly the current usage of technology, primarily magnetic resonance imaging. The fifty section deals with neuropsychology.

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Psychologist and researchers have always been interested looking into the brain. Several approaches has been adopted for doing so. Some people have tried statistically relating the functions of peripheral organs with selected regions of the brain, while some have

used magnetic resonance imaging, another brain imaging techniques to look at the functional brain.

The talks in this section will focus on the concept of side bias as well as brain microstructural correlates of cognitive functions. Of great academic and social interest are topics pertaining to addictive behavior which deals with addiction to substances as well as behavioral addiction. But most fascinating topics in this series concentrate on art, aesthetics and the brain.

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Three interesting thing that you will also find in this section is the focus on or the felt need for multidisciplinary, two something that we are very very inclined towards that is the magnetic resonance imaging,, but the speaker you will find here, he talks about the limits of MRI, and interestingly something that we very generously have been excepting the concept of reflex action. Here you find this speaker challenging the whole concept of reflex action.

And finally, we will have the sixth section, which talks about positioning psychology in the modern context. In this section, I will be talking to you about technological advances in other areas and their impact on psychology, but primarily this will concentrate on the eye tracking technology and virtual reality as a technique. But most importantly this section has two panel discussions, the first panel discussion talks about positioning the

state of psychology in India in the global scenario, and the second deals with the scientific publications in psychology: trend, issues and concerns.