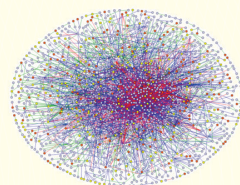


REGISTRATION FEE

The participation fee for taking the course is as follows:

Foreign Participants	: US\$ 200
Students (U.G. and P.G.)	: INR 800*
Ph.D. and Postdoctoral Fellows	: INR 1500*
Faculty from Academia	: INR 2000
Industry Participants	: INR 5000
On-spot Registration (limited)	: INR 3000



*Fee for SC/ST Candidates: **50% waived off.**

The above fee includes all instructional materials and working lunch.

REGISTRATION WORKFLOW

MHRD-GIAN is a global program and participants are required to register online at GIAN portal: <http://www.gian.iitkgp.ac.in>. Follow instructions at "Courses Registration Portal" and submit login details and brief academic details. Rs. 500 is required to be paid for registration at GIAN portal. Participants then need to select "Neural Actions of Psychotropic Drugs" course from the list at "Course Registration" link. Finally submit the registration form, take a 'pdf print' and send to us by Email. Selected participants will be informed to submit the "Course Registration Fee" in the form of demand draft made in favor of "The Registrar, Dr. Harisingh Gour Vishwavidyalaya, Sagar (M.P.)".

Seats are limited in number and preference will be given to scholars in the related research area. **Save your spot before 13 September 2019.**

Patron

Prof. R. P. Tiwari
Hon'ble Vice-Chancellor
Dr. H.S. Gour Vishwavidyalaya (A Central University)
Sagar - 470003 (M.P.) India

Program Advisors

Prof A.N. Sharma
Director
Academic Affairs

Prof P.K. Khare
Dean
School of Biological Sciences

Prof. A. Pandey
Director
Faculty Affairs

University Coordinator for GIAN

Prof. Devashish Bose

Scientific Advisory Council

Prof. H. Thomas
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Prof. Versha Sharma
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Program Support

Dr. Malvika Sikdar
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Dr. Payal Mahobiya
Dr. Rashmi Srivastava
Dr. Sidhartha Mishra
Dr. Raj Kumar Koiri
Dr. Ashwani Kumar
Dr. Yogesh Bhargawa
Dr. C. P. Upadhyaya
Dr. Rajaneesh Anupam
Dr. Vandana Vinayak

Program Committee

Mr. Rayees Ahmad **Ms. Gayatri**
Ms. Tanmaya Rani **Ms. Kalpana**
Ms. Divya Rawat **Ms. Neeti Thakur**
Ms. Nidhi Gupta **Ms. Swati Jain**
Mr. Azhar Rashid **Mr. Narendra Namdev**
Ms. Manisha **Ms. Kiran Singh**
Mr. Pir Ishfaq **Mr. Rashmi Ranjan**
Mr. Muneer Ahmad **Mr. Nagendra Sahu**

Course Coordinator

Prof. (Ms) Janak Ahi
Department of Zoology
Dr. Harisingh Gour Vishwavidyalaya,
(A Central University)
Sagar - 470003 (M.P.) India



For more details visit
GIAN Portal: <http://www.gian.iitkgp.ac.in>
Information visit: www.dhsgsu.ac.in/news.php



+91 9425671522



j_ahi@yahoo.co.in



Dr. Harisingh Gour Vishwavidyalaya
(A Central University)
Sagar (M.P.)



GLOBAL INITIATIVE OF ACADEMIC NETWORKS



Ministry of Human Resource Development
Government of India

A Course Under
GLOBAL INITIATIVE OF ACADEMIC NETWORKS

Government of India

on

"Neural Actions of Psychotropic Drugs"

13-18 January, 2020

By

Expert Foreign Faculty

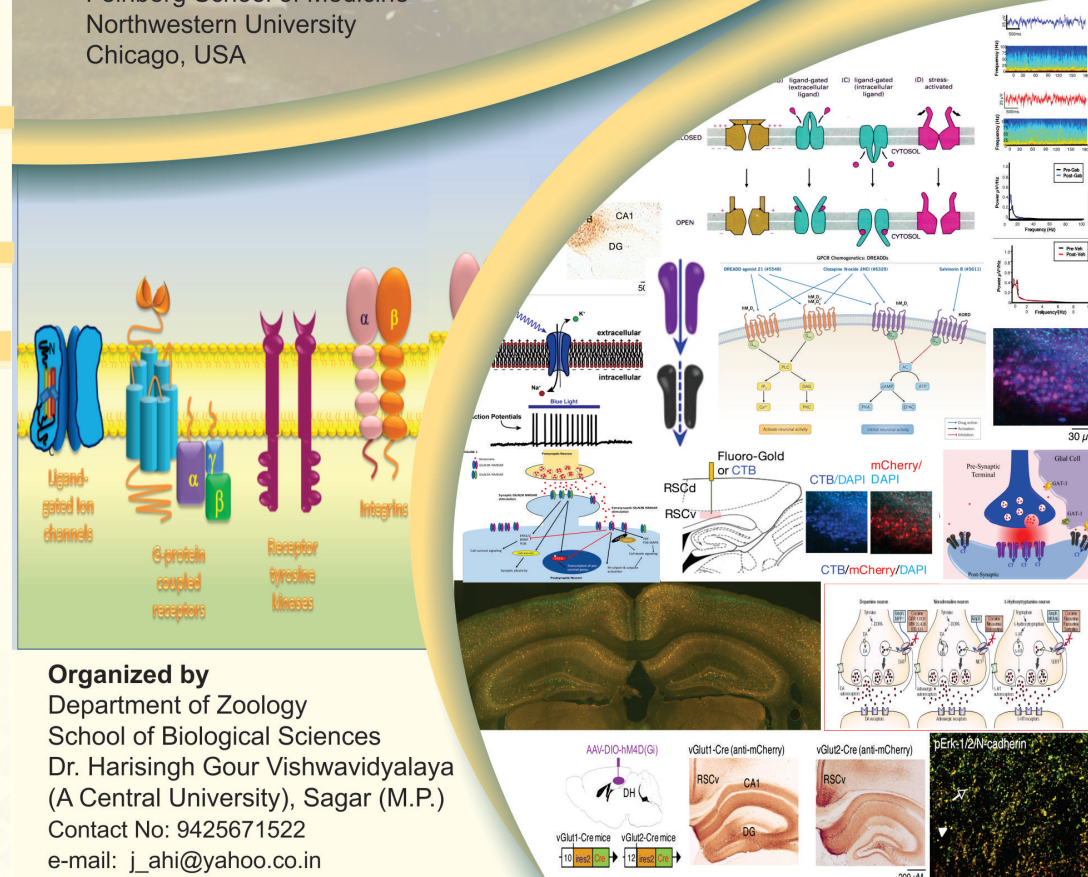
Prof. Jelena Radulovic, M.D., Ph.D

Department of Psychiatry & Behavioral Sciences

Feinberg School of Medicine

Northwestern University

Chicago, USA



Organized by

Department of Zoology
School of Biological Sciences
Dr. Harisingh Gour Vishwavidyalaya
(A Central University), Sagar (M.P.)
Contact No: 9425671522
e-mail: j_ahi@yahoo.co.in



Dr. Harisingh Gour Vishwavidyalaya
(A Central University)
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Department of Zoology, School of Biological Sciences

Dr. Harisingh Gour Vishwavidyalaya (A Central University), Sagar-470003 (M.P.)

MHRD-GIAN COURSE: NEURAL ACTIONS OF PSYCHOTROPIC DRUGS (January 13-18, 2020)

Course Module **Programme-Day 1 (13 January 2020)**

Venue: Kannad Bhavan, Room no. G-1

Registration	10:00-10:30 AM
Inaugural Function	10:30-11:55 AM
High Tea	11:55-12:30 PM
Lecture 1: Excitatory neurotransmission: physiology and pharmacology (Foreign Expert: Prof. Jelena Radulovic)	12:30-1:30 PM
Lunch (Guest House)	1:30-2:30 PM
Lecture 2: Excitatory neurotransmission: therapeutics (Foreign Expert: Prof. Jelena Radulovic)	2:30-3:30 PM
Tea Break	3:30-3:45 PM
Tutorial 1: Modeling neural and psychiatric diseases in Zebrafish (Dr. Yogesh Bhargava)	3:45-5:45 PM



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Department of Zoology, School of Biological Sciences

Dr. Harisingh Gour Vishwavidyalaya (A Central University), Sagar-470003 (M.P.)

MHRD-GIAN COURSE: NEURAL ACTIONS OF PSYCHOTROPIC DRUGS (January 13-18, 2020)

Course Module
Programme-Day 2 (14 January 2020)

Venue: Kannad Bhavan, Room no. G-1

Lecture 3: Inhibitory neurotransmission: physiology and pharmacology (Foreign Expert: Prof. Jelena Radulovic)	10:30-11:30 AM
Tea Break	11:30-12:00 PM
Lecture 4: Inhibitory neurotransmission: therapeutics (Foreign Expert: Prof. Jelena Radulovic)	12:00-1:30 PM
Lunch (Guest House)	1:30-2:30 PM
Tutorial 2: Psychotropic drugs and their socio-economic burden in context to the Indian society. (Dr. Siddhartha Mishra)	2:30-4:30 PM



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Department of Zoology, School of Biological Sciences

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MHRD-GIAN COURSE: NEURAL ACTIONS OF PSYCHOTROPIC DRUGS (January 13-18, 2020)

Course Module
Programme-Day 3 (15 January 2020)

Venue: Kannad Bhavan, Room no. G-1

Lecture 5: Cholinergic and Monoaminergic transmission: physiology and pharmacology (Foreign Expert: Prof. Jelena Radulovic)	10:30-11:30 AM
Tea Break	11:30-12:00 PM
Lecture 6: Cholinergic and Monoaminergic transmission: therapeutics (Foreign Expert: Prof. Jelena Radulovic)	12:00-1:30 PM
Lunch (Guest House)	1:30-2:30 PM
Tutorial 3: Molecular modeling and structural analysis of Protein target of Psychotropic drug using Bioinformatic tools (Dr. Rajeev Mishra)	2:30-4:30 PM



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Department of Zoology, School of Biological Sciences
Dr. Harisingh Gour Vishwavidyalaya (A Central University), Sagar-470003 (M.P.)
MHRD-GIAN COURSE: NEURAL ACTIONS OF PSYCHOTROPIC DRUGS (January 13-18, 2020)

Course Module
Programme-Day 4 (16 January 2020)

Venue: Kannad Bhavan, Room no. G-1

Lecture 7: Peptidergic transmission- the opioid system: physiology and pharmacology (Foreign Expert: Prof. Jelena Radulovic)	10:30-11:30 AM
Tea Break	11:30-12:00 PM
Lecture 8: Peptidergic transmission- the opioid system: therapeutics (Foreign Expert: Prof. Jelena Radulovic)	12:00-1:30 PM
Lunch (Guest House)	1:30-2:30 PM
Tutorial 4: Status of LDH isozymes during neural development, disorders and therapeutics (Dr. Raj Kumar Koiri)	2:30-4:30 PM



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Department of Zoology, School of Biological Sciences

Dr. Harisingh Gour Vishwavidyalaya (A Central University), Sagar-470003 (M.P.)

MHRD-GIAN COURSE: NEURAL ACTIONS OF PSYCHOTROPIC DRUGS (January 13-18, 2020)

Course Module
Programme-Day 5 (17 January 2020)

Venue: Kannad Bhavan, Room no. G-1

Lecture 9:	10:30-11:30 AM
Lipid signaling- the cannabinoid system: physiology and pharmacology (Foreign Expert: Prof. Jelena Radulovic)	
Tea Break	11:30-12:00 PM
Lecture 10:	12:00-1:30 PM
Lipid signaling- the cannabinoid system: therapeutics (Foreign Expert: Prof. Jelena Radulovic)	
Lunch (Guest House)	1:30-2:30 PM
Tutorial 5:	2:30-4:30 PM
Effects of estrogen(s) in psychotropic drug action: A critical reappraisal (Dr Vijay Paramanik)	
Evaluation of participants	4:30-5:30 PM



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Department of Zoology, School of Biological Sciences

Dr. Harisingh Gour Vishwavidyalaya (A Central University), Sagar-470003 (M.P.)

MHRD-GIAN COURSE: NEURAL ACTIONS OF PSYCHOTROPIC DRUGS (January 13-18, 2020)

Course Module
Programme-Day 6 (18 January 2020)

Venue: Kannad Bhavan, Room no. G-1

Course Evaluation, Discussion and Problem solving session	10:30-11:30 AM
Valedictory	11:30-01:00 PM
High Tea	01:00-02:00 PM

Select Course : **Neural Actions of Psychotropic** **Log out (logout)****Neural Actions of Psychotropic Drugs****Course Monitoring Report**

Started[yn]	If Started No of Participants	Whether Webcast is running [yn]?	Reason for Webcast not running Type [NA] if not applicable	Course Completed?	Update
Yes ▾	45	No ▾	Video recording	Yes ▾	Update Status ()

Shortlisting of Candidates

Shortlist/Not shortlist candidates by selecting 'Yes'/'No' in the 'Shortlist' column. By selecting 'Not Decided', you can shortlist them later. Click on 'Confirm Shortlisting' to freeze the shortlisting. You can send mail to the candidates by checking the checkboxes in the last column and then click on 'Send Email'. Click on 'Application No' to see individual application.

Download excel File of all applicants (downloadApplDetails?id=2017)

Search

Sl no	Application No	Name	Gender	Email	Phone	Shortlist	Confirm Shortlisting
1	2015150030171	RAJESH SINGH YADAV	MALE	razitrc@gmail.com	09179444557	Shortlisted	
2	2015150050701	KHUSHBOO	FEMALE	khushboolgbiochem@gmail.com	9807223278	Not Shortlisted	
3	2015150052627	S.USHA NANDHINI	FEMALE	sunusha.keerthana@gmail.com	9840175076	Not Shortlisted	
4	2015150081214	TANMAYA RANI SETHY	FEMALE	tanmaya.rani@gmail.com	9439339633	Shortlisted	
5	2015150081324	NIKHAR VISHWAKARMA	MALE	01nikhar@gmail.com	9827734576	Shortlisted	
6	2015150092590	VAGISHA RAI	FEMALE	raivagisha@gmail.com	8226876089	Not Shortlisted	
7	2015150093270	SHIVANGI CHAURASIA	FEMALE	SHIVANGICHAURASIA2211@GMAIL.COM	7566339554	Not Shortlisted	
8	2015150093388	SUSHANTA BHATTACHARYA	MALE	amibittu01@gmail.com	8436368256	Shortlisted	
9	2015150093458	PAYAL PRIYADARSHANI NAYAL	FEMALE	falguni2pn4@gmail.com	8763060570	Shortlisted	
10	2015150093504	SUNNY RATHEE	MALE	sunnyrathee7809@gmail.com	8130759681	Shortlisted	
11	2015150093597	DEEPIKA K	FEMALE	deepika.kanthiah@gmail.com	9445673189	Shortlisted	
12	2015150093632	SWAPNADEEP SEN	MALE	swapnadeep29@gmail.com	7024743371	Shortlisted	
13	2015150093672	PARTHA JANA	MALE	parthajana03@gmail.com	9064555816	Not Shortlisted	
14	2015150093866	SANJIDA SHABNAM	FEMALE	sanjida7634@gmail.com	7634933536	Not Shortlisted	
15	2015150093866	SANJIDA SHABNAM	FEMALE	sanjida7634@gmail.com	7634933536	Not Shortlisted	
16	2015150164828	SHUBHAM KAUSHIK	MALE	shubh.kaushik.222@gmail.com	8875758850	Not Shortlisted	
17	2015150180967	SATYABRATA NAYAK	MALE	satya.brata654@gmail.com	8596904504	Shortlisted	
18	2015150193193	JIGYASA GUPTA	FEMALE	jigyasanew@gmail.com	9643159653	Not Shortlisted	

Sl no	Application No	Name	Gender	Email	Phone	Shortlist	Confirm Shortlist
19	2015150193207	SUYASHI SINGH	FEMALE	suyashisingh27@gmail.com	8953988630	Not Shortlisted	
20	2015150193418	ANAMIKA JAIN	FEMALE	jaina909@gmail.com	8871243067	Shortlisted	
21	2015150193650	DEBABRATA DASH	MALE	DASHDEBABRATA97@GMAIL.COM	7008519868	Shortlisted	
22	2015150222150	DEEPAK GUPTA	MALE	devideeppharma@yahoo.co.in	9305953110	Shortlisted	
23	2015150252233	PAWAN SINGH KHATANA	MALE	khatana101@gmail.com	9717337363	Not Shortlisted	
24	2015150270837	SHANTANU DURGVANSHI	MALE	shantanu2041998@gmail.com	9559890006	Shortlisted	
25	2015150281371	NIDHI GUPTA	FEMALE	guptasweety701@gmail.com	8349543167	Shortlisted	
26	2015150288010	ADITYA SINGH	MALE	singhaditya1999@gmail.com	8707463885	Not Shortlisted	
27	2015150292442	RISHITA JAIN	FEMALE	jainrishita357@gmail.com	7999605513	Not Shortlisted	
28	2015150293174	SWARN SINGH WARSHANEYAN	MALE	praamesva4519@gmail.com	8787066090	Not Shortlisted	
29	2015150293330	KALPANA	FEMALE	kalpanabaghel107@gmail.com	9451587436	Shortlisted	
30	2015150293345	KRISHNA KUMARI DANDAPAT	FEMALE	Krishnadandapat1998@gmail.com	8083368313	Shortlisted	
31	2015150293661	RASHMI RANJAN SAMAL	MALE	RASHMIRANJANSAMAL3@GMAIL.COM	8594989951	Shortlisted	
32	2015150380882	KAINAT USMANI	FEMALE	kainatusmanisgr@gmail.com	9575131701	Shortlisted	
33	2015150381055	RAYEES AHMAD NAIK	MALE	rayees_kashmir@rediffmail.com	9516473819	Shortlisted	
34	2015150391722	RANGAPPA	MALE	rangappar7@gmail.com	8123862919	Not Shortlisted	
35	2015150391741	ADITHYA KRISHNA M	MALE	adimave.95@gmail.com	9481544212	Not Shortlisted	
36	2015150393524	JHANKRIT VIJAYWAR	MALE	jhankrit1510@gmail.com	7415785912	Shortlisted	
37	2015150394049	NEELAM	FEMALE	neelam981@gmail.com	9530290708	Shortlisted	
38	2015150394289	JUHI BHARDWAJ	FEMALE	juhimbhardwaj250@gmail.com	09690546559	Not Shortlisted	
39	2015150437433	ZEENAT AYOUB	FEMALE	zeenatlone2011@gmail.com	7724922164	Shortlisted	
40	2015150473891	SAGAR CHATURVEDI	MALE	sagarchaturvedi19@gmail.com	8878125323	Shortlisted	
41	2015150480914	PIR MOHD. ISHFAQ	MALE	pirishfaq677@gmail.com	9165013637	Shortlisted	
42	2015150481369	KIRAN SINGH	FEMALE	kiransingh141094@gmail.com	8932981810	Shortlisted	
43	2015150481404	PRIYA SHRIVASTAVA	FEMALE	shrivastavap007@gmail.com	8989482861	Shortlisted	
44	2015150492288	REEVES DAVID C	MALE	reeves572000@gmail.com	9884853160	Not Shortlisted	
45	2015150492674	POONAM SANGWAN	FEMALE	punmsangwan@gmail.com	8851942180	Not Shortlisted	
46	2015150493025	DR MANVENDRA SINGH SENGAR	MALE	sengar_manvendra@yahoo.co.in	9598184441	Shortlisted	
47	2015150493395	CHAITALI MALLICK	FEMALE	chaitalim18@gmail.com	8609461521	Shortlisted	

Sl no	Application No	Name	Gender	Email	Phone	Shortlist	Confirm Shortlist
48	2015150493435	DEEPA PARWANI	FEMALE	deepaparwani28@gmail.com	7089976497	Shortlisted	
49	2015150493462	SHWETA DONGRE	FEMALE	shwetadongre718@gmail.com	8269333400	Shortlisted	
50	2015150493481	PRIYANKA DAS	FEMALE	p.barsha.1996.das@gmail.com	8910589466	Shortlisted	
51	2015150569375	DURGESH SINGH	MALE	singhdmcs.chy2013@gmail.com	9457043445	Shortlisted	
52	2015150581318	ZAVED AHMAD	MALE	zavedjmi@gmail.com	9565773049	Shortlisted	
53	2015150593195	PRATIBHA SRIVASTAVA	FEMALE	funfrolic.prats@gmail.com	8743080338	Not Shortlisted	
54	2015150593526	GARIMA STEPHEN	FEMALE	garimastephan@gmail.com	8435216668	Shortlisted	
55	2015150594059	PREETI TIRKEY	FEMALE	preety09101989@gmail.com	9131705448	Shortlisted	
56	2015150640653	VEDI PRASHIKA GAUTAM	FEMALE	prashikavedi28@gmail.com	7263930627	Not Shortlisted	
57	2015150691090	VINAY PAL SINGH BIST	MALE	vsinghbist31@gmail.com	8462816561	Shortlisted	
58	2015150691915	NIKHAR SONI	FEMALE	mdnikhar08@gmail.com	8787239124	Not Shortlisted	
59	2015150693243	MANISHA	FEMALE	manishanahar605@gmail.com	09516976085	Shortlisted	
60	2015150693393	AKASH RATHORE	MALE	akashrathore2927@gmail.com	8349454432	Shortlisted	
61	2015150693466	ANSHUL DAS	MALE	anshu708official@gmail.com	9009940708	Not Shortlisted	
62	2015150693514	NARENDRA NAMDEV	MALE	narendra.nnamdev95@gmail.com	7415929864	Shortlisted	
63	2015150693583	ANANYA SATAPATHY	FEMALE	ananyasatapathy84@gmail.com	8260052372	Shortlisted	
64	2015150693671	ARGHYA BANIK	MALE	arghyaratul@gmail.com	8906491191	Not Shortlisted	
65	2015150693996	LEKHAN LODHI	MALE	Lekhanlodhi5@gmail.com	9893425958	Shortlisted	
66	2015150714053	SONWANE NAVNATH	MALE	nathbsonwanecug@yahoo.com	9420138556	Not Shortlisted	
67	2015150718467	PUSHYAMITRA TIWARI	MALE	tiwari.pushya@yahoo.co.in	9450957218	Not Shortlisted	
68	2015150750336	SANJAY KUMAR	MALE	sanjaybhu5504@gmail.com	8819034818	Shortlisted	
69	2015150780999	VAIBHAV GUPTA	MALE	guptavaibhav600@gmail.com	9453037437	Shortlisted	
70	2015150781381	PIYUSH SHARMA	MALE	Piyushsharma21091998@gmail.com	8103084205	Not Shortlisted	
71	2015150793244	DR. PAYAL MAHOBIYA	FEMALE	1607payal@gmail.com	9407265618	Shortlisted	
72	2015150793359	SNEHA BIBYAN	FEMALE	snehabibyan96@gmail.com	9888691630	Shortlisted	
73	2015150793506	SAKSHI	FEMALE	sk790569@gmail.com	8221938705	Shortlisted	
74	2015150793528	ANKITA DWIVEDI	FEMALE	ankitadwivedi7997@gmail.com	7470589670	Shortlisted	
75	2015150821682	PRIYANKA PAHADE	FEMALE	pahadepriyanka09@gmail.com	7898041792	Not Shortlisted	
76	2015150880850	NAGENDRA SAHU	MALE	sahunagendraa12@gmail.com	8461049276	Shortlisted	

Sl no	Application No	Name	Gender	Email	Phone	Shortlist	Confirm Shortlist
77	2015150881363	GAYATRI RAI	FEMALE	pgrai008gayatri@yahoo.in	9630821358	Shortlisted	
78	2015150882239	AZHAR RASHID	MALE	rashidazhar444@gmail.com	7611182882	Shortlisted	
79	2015150892471	SRISHTI JAIN	FEMALE	jainnsrishti@gmail.com	7023409945	Not Shortlisted	
80	2015150892581	ARCHANA PAREEK	FEMALE	archanaparik8@gmail.com	8619226560	Not Shortlisted	
81	2015150893328	AAMIR KHAN	MALE	aamirk1293@gmail.com	07049406610	Shortlisted	
82	2015150893795	SHASHANK SHAKYAWAL	MALE	shakyawal.shashank.shashank@22gmail.com	7898620949	Shortlisted	
83	2015150893993	RICHA TRIPATHY	FEMALE	r.tripathy16@gmail.com	9407525483	Not Shortlisted	
84	2015150912513	SWATI JAIN	FEMALE	swatiutd.94@gmail.com	7999610744	Shortlisted	
85	2015150976417	SURESH NATH	MALE	sureshnath.3592@yahoo.com	9891855571	Shortlisted	
86	2015150981286	VINODINEE DUUBEY	FEMALE	vinodineedubey2612@gmail.com	7354423432	Shortlisted	
87	2015150993253	JETHANI BHAVIKA SHRICHAND	FEMALE	bhavikajethani2282@gmail.com	7218878756	Not Shortlisted	
88	2015150993470	NAGESH	MALE	nagesh13dew@gmail.com	7898088554	Not Shortlisted	
89	2015150993482	APARAJITA BAIRAGI	FEMALE	aparajitabairagi96@gmail.com	6296555057	Shortlisted	
90	2015150993665	PRITI YADAV	FEMALE	yadavpriti629@gmail.com	7839979629	Shortlisted	
91	2015150993749	TANU OJHA	FEMALE	ojhatanu7@gmail.com	7970269784	Shortlisted	
92	2015150994034	SURBHI CHOURASIYA	FEMALE	Surbhichourasiya03@gmail.com	7509208318	Shortlisted	

- (i) Number of applications received : 92
(ii) Number of shortlisted candidates : 59
(iii) Number of participants who joined the course : 50

Report

The course under **Global Initiative of Academic Networks**, Govt. of India on “**Neural Actions of Psychotropic Drugs**” was organized by the Department of Zoology from 13-18 January 2020. The course coordinator of this course was Prof (Ms.) Janak Ahi.

The World Health Organization recently estimated that one in four people in the world would be affected by mental or neurological disorders at some point in their lives.

Psychotropic drugs are increasingly used due to their therapeutic actions for a number of psychiatric conditions, however, given their addictive potential, the potential for their abuse is significant, and with extended use, side effects come to outweigh the benefits of these drugs.

Therefore, we are in an era in which the use and abuse of recreational and prescription drugs is reaching unprecedented levels. Yet, users and clinicians are often unaware of the actions of psychotropic drugs in the central nervous system.

The GIAN program in “**Neural Actions of Psychotropic Drugs**” at Dr. Harisingh Gour Viswavidyalaya, Sagar was a leading program for sharing of “knowledge and technology” from foreign expert to Indian researchers; especially for researchers in the area of neuroscience, aspiring to lead in diagnostics and therapeutics.

The objectives were covered by providing exposure to basic research strategies used to assess psychotropic drug actions and their suitability as therapeutics. The course offered awareness about the psychotropic drugs and their socio-economic burden in context to the US and Indian society as well.

The invited foreign faculty **Dr. Jelena Radulovic, M.D., Ph.D.**, is a Professor at Northwestern University, Chicago at Feinberg School of Medicine with a dual appointment in the Psychiatry and Behavioral Sciences, and the Pharmacology departments. Dr Radulovic was also installed as the Dunbar Professor of Bipolar Disorders. Dr. Radulovic studies the molecular and cellular mechanisms by which memories of stressful events contribute to anxiety- and depression-like behavior. Specifically, her interests lie in neuronal receptors, signal transduction pathways and gene responses related to memory and fear.