



पंडित रविशंकर शुक्ल विश्वविद्यालय, रायपुर छत्तीसगढ़ भारत
Pt. Ravishankar Shukla University, Raipur Chhattisgarh, India
Estd-1964 – recognized by UGC U/s 2(f) and 12 (B)
NAAC “A” Grade

CRITERION-VI

EVIDENCE(S), AS PER SOP

METRIC No. 6.3.3	Average number of professional development/ administrative training Programmes organized by the institution for teaching and non teaching staff during the last five years
	<ul style="list-style-type: none">• List of professional development/ administrative training programs organized by the institution• Brochures• Reports of the Human Resource Development Centre• List of participants and resource persons of each programme• Annual reports highlighting the programmes conducted by the university

Annexure 11

**UNIVERSITY GRANTS COMMISSION
HUMAN RESOURCE DEVELOPMENT CENTRE
PT. RAVISHANKAR SHUKLA UNIVERSITY, RAIPUR (C.G.)**


Annual Progress Report for the period from 2019 to 2020
(To be submitted along with financial statements)

1. Description of programs conducted during the year:

S. No.	Name of the Program	Programs allocated by the UGC	Programs conducted
01.	Refresher Course - Geography	Yes	No (10/06/2019 to 24/06/2019)
02.	Refresher Course - Research Methodology	Yes	Yes (11/07/2019 to 25/07/2019)
03.	STC- Communication skills	Yes	Yes (22/07/2019 to 27/07/2019)
04.	Orientation Program	Yes	Yes (25/07/2019 to 14/08/2019)
05.	STC - Workshop on MOOCs, e-content development and open Educational Resources	Yes	Yes (19/08/2019 to 24/08/2019)
06.	STC- ICT & E-Resources	Yes	Yes (02/09/2019 to 07/09/2019)
07.	Refresher Course - Changes in Political and socioeconomic in India	Yes	Yes (03/09/2019 to 17/09/2019)
08.	Orientation Program	Yes	Yes (11/09/2019 to 01/10/2019)
09.	Principal Meet	Yes	Yes (20/09/2019)
10.	STC-Gender Sensitization	Yes	Yes (14/10/2019 to 19/10/2019)
11.	Orientation Program	Yes	Yes (9/11/2019 to 29/11/2019)
12.	Refresher Course - Life science	Yes	Yes (03/12/2019 to 16/12/2019)
13.	Refresher Course - Hindi	Yes	Yes (04/12/2019 to 17/12/2019)
14.	Refresher Course - Teacher Educator	Yes	Yes (03/01/2020 to 16/01/2020)
15.	Orientation Program	Yes	Yes (07/01/2020 to 27/01/2020)
16.	STC- Hands on experience program for ARPIT learners	Yes	Yes (03/02/2020 to 08/02/2020)
17.	Refresher Course - Physics	Yes	No (16/03/2020 to 28/03/2020)

2. In case of variation in the programs allocated by the UGC and programs conducted by the HRDC, kindly give reasons:

HRDC conducted all the programs allocated by the UGC except serial number 1 and 17 for which insufficient number of applications were received.


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3. Number of participants program-wise:

S. No.	Name of the Program	No. of Participants
01.	Refresher Course - Research Methodology	37
02.	STC-Communication skills	22
03.	Orientation Program	37
04.	STC - Workshop on MOOCs, e-content development and open Educational Resources	37
05.	STC- ICT & E-Resources	24
06.	Refresher Course - Changes in Political and socioeconomic in India	36
07.	Orientation Program	25
08.	Principal Meet	30
09.	STC-Gender Sensitization	26
10.	Orientation Program	28
11.	Refresher Course - Life science	38
12.	Refresher Course - Hindi	36
13.	Refresher Course - Teacher Educator	29
14.	Orientation Program	35
15.	STC- Hands on experience program for ARPIT learners	34


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**Human Resource Development Centre
Pt. Ravishankar Shukla University, Raipur
Program Organized during 01 July 2019 to 30 June 2020**

S. No.	Program	Theme	Duration	No. of Participants
01.	Refresher Course	Research Methodology	11/07/2019 to 25/07/2019	37
02.	Short Term Course	Communication Skills	22/07/2019 to 27/07/2019	22
03.	Orientation Program	Quality of Higher Education	25/07/2019 to 14/08/2019	37
04.	Short Term Course	MOOCs, e-content development and open Educational Resources	19/08/2019 to 24/08/2019	37
05.	Short Term Course	ICT and E-Resources	02/09/2019 to 07/09/2019	24
06.	Refresher Course	Socio-Economic and Political Changes in India	03/09/2019 to 17/09/2019	36
07.	Orientation Program	Quality of Higher Education	11/09/2019 to 01/10/2019	25
08.	Short Term Course (Principal Meet)	Quality Mandate: Student Result Outcome and Graduate Progression in Higher Education Institutions	20/09/2019	30
09.	Short Term Course	Gender sensitization	14/10/2019 to 19/10/2019	26
10.	Orientation Program	Quality of Higher Education: Learning Process	09/11/2019 to 29/11/2019	28
11.	Refresher Course - Life Sciences	Reference to Emerging Trends and Challenges in Life Sciences	03/12/2019 to 16/12/2019	38
12.	Refresher Course - Hindi	'हिंदी साहित्य: आधुनिक विमर्श'	04/12/2019 to 17/12/2019	36
13.	RC-Teacher Educator	Quality and Excellence: Challenges for Higher Education	03/01/2020 to 16/01/2020	29
14.	Orientation Program	Quality in Higher Education	07/01/2020 to 27/01/2020	35
15.	Short Term Course	Hands on experience programme for ARPIT learners	03/02/2020 to 08/02/2020	34
	Total			474


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2019-2020

Name of Program/ Course	Duration	No. of Participants Participated	Remark
PROGRAMME CONDUCTED – SANCTIONED BY UGC			
Refresher Course - Research Methodology	11/07/2019- 25/07/2019	37	Successfully Conducted
S.N.	Name of Resource Persons		
01.	Dr. Superna Sengupta, Librarian, Pt. Sundar Lal Sharma Library, Pt. Ravishankar Shukla University, Raipur (C.G.)		
02.	Dr. Ashish Kumar Shrivastava Professor & Director, Institute of Management, Pt. Ravishankar Shukla University, Raipur (C.G.)		
03.	Dr. R.C. Ram, Professor, Dept. of Community Medicine, Govt. Medical College, Raipur (C.G.)		
04.	Dr. Pradeep Chourasia Assistant Professor (Contract) S. o. S. in Statistics, Pt. Ravishankar Shukla University, Raipur (C.G.)		
05.	Dr. Rajeev Choudhary, Professor, S. o. S. in Physical Education, Pt. Ravishankar Shukla University, Raipur (C.G.)		
06.	Dr. M.L. Nayak, Former Professor, S. o. S. in Life Science, Pt. Ravishankar Shukla University, Raipur (C.G.)		
07.	Dr. Abha Rupendra Pal, S. o. S. in History, Pt. Ravishankar Shukla University, Raipur (C.G.)		
08.	Dr. C.D. Agashe, Professor, S. o. S. in Physical Education, Pt. Ravishankar Shukla University, Raipur (C.G.)		
09.	Dr. Ashok Kumar Pradhan, Professor & Head, S. o. S. in Anthropology, Pt. Ravishankar Shukla University, Raipur (C.G.)		
10.	Dr. J.L. Bharadwaj Rtd. Professor, E-109/1, Devendra Nagar, Sector-1, Raipur (C.G.)		
STC - Communication Skills	22/07/2019- 27/07/2019	22	Successfully Conducted
S.N.	Name of Resource Persons		
01.	Dr. Basheer Hasan, Professor, S. o. S. in Psychology, Pt. Ravishankar Shukla University, Raipur (C.G.)		
02.	Dr. Chitranjan Kar, Rtd. Professor, S. o. S. in Literature & Language, Pt. Ravishankar Shukla University, Raipur (C.G.)		
03.	Prof. Manish Shrivastava, Professor, Dept. of English, Guru Ghasidas Central University, Bilaspur (C.G.)		
04.	Prof. Indu Bora, Professor, Laxmibai National Institute of Physical Education, Gwalior (M.P.)		
05.	Prof. Indu Bora, Professor, Laxmibai National Institute of Physical Education, Gwalior (M.P.)		
06.	Dr. G.A. Ghanshyam, Professor, Dau Uttam Sao Govt. College, Machandur, Dist.-Durg (C.G.)		
07.	Dr. Raksha Singh, Principal & Director, Shri Shankracharya Mahavidyalaya, Bhilai, Dist.- Durg (C.G.)		
08.	Dr. Basheer Hasan, Professor, S. o. S. in Psychology, Pt. Ravishankar Shukla University, Raipur (C.G.)		

09.	Dr. G.A. Ghanshyam, Professor, Dau Uttam Sao Govt. College, Machandur, Dist.-Durg (C.G.)		
10.	Dr. Samir Thakur, Principal RITCOM, Dumartalab, Raipur (C.G.)		
11.	Dr. Basumati Nadig, Assistant Professor, S. o. S. in Literature & Language, Pt. Ravishankar Shukla University, Raipur (C.G.)		
	Orientation Program	25/07/2019-14/08/2019	37
			Successfully Conducted
S.N.	Name of Resource Persons		
01.	Prof. Indu Bora, Laxmibai National Institute of Physical Education, Gwalior (M.P.)		
02.	Dr. Suparna Sengupta, Librarian, Pt. Sundar Lal Sharma Library, Pt. Ravishankar Shukla University, Raipur (C.G.)		
03.	Dr. K.Subramanian, Member, State Planning Commission, C.G. Govt., Chhattisgarh		
04.	Prof. Chitranjan Kar, Rtd. Professor, S. o. S. in Literature & Languages, Pt. Ravishankar Shukla University, Raipur (C.G.)		
05.	Prof. Ravindra Bramhe, Professor & Head, S. o. S. in Economics, Pt. Ravishankar Shukla University, Raipur (C.G.)		
06.	Shri Umesh Agrawal, Finance Controller Pt. Ravishankar Shukla University, Raipur (C.G.)		
07.	Dr. Ashish Srivastav, Professor & Head, Institute of Management, Pt. Ravishankar Shukla University, Raipur (C.G.)		
08.	Shri Chandrahas Behar, Rtd. IAS, Chhattisgarh Govt. Raipur (C.G.)		
09.	Dr. C.D. Agashe, Professor, S. o. S. Physical Education, Pt. Ravishankar Shukla University, Raipur (C.G.)		
10.	Prof. Sudhakar Patra Professor & Head, Dept. of Economics, Berhampur University, Berhampur (Odisha)		
11.	Dr. Rajeev Choudhary, Professor & Head, S. o. S. in Physical Education, Pt. Ravishankar Shukla University, Raipur (C.G.)		
12.	Dr. S.K. Jadhav, Professor & Head, S. o. S. in Biotechnology, Pt. Ravishankar Shukla University, Raipur (C.G.)		
13.	Dr. Sanjay Kumar Professor & Head, S. o. S. in Computer Science, Pt. Ravishankar Shukla University, Raipur (C.G.)		
14.	Prof. Amarkant Pandey, Professor, S. o. S. in Economics, Pt. Ravishankar Shukla University, Raipur (C.G.)		
15.	Dr. Shailendra Saraf, Professor, Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur (C.G.)		
16.	Dr. Abha Rupendra Pal, Prof. & Head, S. o. S. in History, Pt. Ravishankar Shukla University, Raipur (C.G.)		
17.	Dr. Balwant Singh Thakur, Professor & Head, S. o. S. in Mathematics, Pt. Ravishankar Shukla University, Raipur (C.G.)		
18.	Dr. Aruna Palta, Principal, Dr. Radhabai Navin Kanya Mahavadiyalaya, Raipur (C.G.)		
19.	Dr. Deepak Kumar Shrivastava, Hidayatullah National Law University, Nava Raipur, Raipur (C.G.)		
	STC-MOOCs	19/08/2019-24/08/2019	37
			Successfully Conducted
S.N.	Name of Resource Persons		
01.	Dr. Dipamkar Bhowmik, Head, ICT Division SCERT, Raipur (C.G.)		
02.	Dr. V.P. Josith, Assistant Professor, School of Education, Central University of Kerala, Kasargode (Kerala)		
03.	Dr. Sanjay Kumar Tiwari, Professor & Head, S. o. S. in Electronics & Photonics, Pt.		

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	Ravishankar Shukla University, Raipur (C.G.)		
04.	Dr. Deepak Bishla, System Administrator I.T., Dr. B.R. Ambedkar University, New Delhi		
05.	Dr. K. Srinivas, Professor & Head, ICT & PDU, National Institute of Education Planning & Administration, New Delhi		
06.	Dr. G. Mythili, Deputy Director STRIDE, Indira Gandhi National Open University, New Delhi		
07.	Dr. Nisha Singh, Deputy Director (R & D), Indira Gandhi National Open University, New Delhi		
	STC-ICT and E-Resources	02/09/2019-07/09/2019	24
			Successfully Conducted
S.N.	Name of Resource Persons		
01.	Kalwale Ajit Malhari, A.S.C. College, Varangaon (M.S.)		
02.	Dr. Dinesh H. Patil, SES's Arts & Science College, Bhalod (M.S.)		
03.	Dr. Mahajan Dinesh Ramdas, Arts & Science College, Bhalod (M.S.)		
04.	Bachhav Suresh Keda, A.S.C. College, Varangaon (M.S.)		
05.	Dr. Narendra Shaligram Patil, Bhusawal Arts, Science & Nahata Commerce College, Bhusawal (M.S.)		
06.	Dr. Gaikwad Jyoti Motiram, Saraswati College, Kaij (M.S.)		
07.	Mukesh U. Pawar, Arts & Science College, Bhalod (M.S.)		
08.	Dr. Pravin Suresh Jogi, Janata Mahavidyalaya, Chandrapur (M.S.)		
09.	Dr. Gautam A. Shambharkar, Janata Mahavidyalaya, Chandrapur (M.S.)		
10.	Ajit M. Hirkane, Sarvajanic Arts & Commerce College, Visarwadi (M.S.)		
11.	Dr. Digambar Ambadas Khobragade, Arts & Science College, Bhalod (M.S.)		
12.	Dr. (Mrs.) Nidhi Gupta, Govt. G.N.A. P.G. College, Bhatapara (C.G.)		
13.	Dr. Savale Padmakar Arjun, SES's Arts & Science College, Bhalod (M.S.)		
14.	Runa Shajeev, Satish Pradhan Dnyanasadhana, College, Thane (W) (M.S.)		
15.	Lone Rajendrakumar Laxmanrao		
	Refresher Course - Socio-Economic & Political Changes in India	03/09/2019-17/09/2019	36
			Successfully Conducted
S.N.	Name of Resource Persons		
01.	Dr. Hanumant Yadav, Rtd. Prof. SoS in Economics, Pt. Ravishankar Shukla University, Raipur		
02.	Shri BKS Ray Rtd. I.S. C.G. Govt. Raipur. (C.G.),		
03.	K. Subramaniam, Rtd, IFS, CG Government, Raipur		
04.	Lalit Surjan, Chief Editor, Danik Deshbandhu, Raipur		
05.	Dr. G.K. Pandey, Registrar, Pt. Ravishankar Shukla University, Raipur		
06.	Prof. Promod Sharma, Rtd. Prof. SoS in Sociology, Pt. Ravishankar Shukla University, Raipur		
07.	J.L. Bharadwaj, Rtd. Prof. SoS in Economics, Pt. Ravishankar Shukla University, Raipur		
08.	Prof. C.D. Agashe, Professor, S. o. S. Physical Education, Pt. Ravishankar Shukla University, Raipur (C.G.)		
09.	N.P. Pathak, APS University, Rewa		
10.	Prof. Kanhya Ahuja, DAVV, Indore		
11.	Dr. K.C. Mondal, Raipur		
12.	Prof. Ninad Bodhankar, Prof. SoS in Geology, Pt. Ravishankar Shukla University, Raipur		
13.	Prof. A.K. Pandey, Prof. SoS in Economics, Pt. Ravishankar Shukla University, Raipur		

14.	Prof. A. Mahajan Delhi University, Delhi		
15.	Prof. Mayur Shikha Agrawal, RDVV, Jabalpur		
16.	Prof. B. Hasan, Prof. SoS in Psychology, Pt. Ravishankar Shukla University, Raipur		
17.	Prof. Reeta Vanugopal, Prof. SoS in Physical Education, Pt. Ravishankar Shukla University, Raipur		
18.	Prof. B.S. Thakur, Prof. SoS in Mathematics, Pt. Ravishankar Shukla University, Raipur		
19.	Prof. Niti Jain, IGT University, Amarkantak		
20.	Prof. Rakesh Raman, BHU, Varanasi		
21.	M.A. Khan, Rtd. Prof. SoS in History, Pt. Ravishankar Shukla University, Raipur		
22.	Dr. Ayan Hazara HNLU, Raipur		
23.	Dr. S.Sengupta, Librarian, Pt. Ravishankar Shukla University, Raipur		
24.	Prof. R.C. Ram, Pt.JLN Medical College, Raipur		
	Orientation Program	11/09/2019-01/10/2019	25
			Successfully Conducted
S.N.	Name of Resource Persons		
01.	Supernsen Gupta Librarian, Pt. Sundar Lal Sharma Library, Pt. Ravishankar Shukla University, Raipur (C.G.)		
02.	A.K. Shrivastava Professor & Head, Institute of Management, Pt. Ravishankar Shukla University, Raipur (C.G.)		
03.	Aruna Palta Principal, Dr. Radhabai Navin Kanya Mahavadiyalaya, Raipur (C.G.)		
04.	Sanjay Kumar Professor & Head, S. o. S. in Computer Science, Pt. Ravishankar Shukla University, Raipur (C.G.)		
05.	Rajesh Singh Librarian D.U. University. Delhi		
06.	M.A. Khan Rtd. Prof. S.o.S. History Pt. Ravishankar Shukla Raipur (C.G.)		
07.	AK. Pati VC G.M. University Sambalpur		
08.	Dr. Pradeep Shukla Prashashan Academy Raipur, (C.G.)		
09.	K. Subramanian Rtd. I.F.S. C.G. Govt. Raipur. (C.G.)		
10.	HS Gupta Rtd. Prof. Geography Pt. Ravishankar Shukla University, Raipur (C.G.)		
11.	Prof. Sunil Babber N.I.C. Delhi University. Delhi		
12.	Prof. C.D. Agashe Professor, S. o. S. Physical Education, Pt. Ravishankar Shukla University, Raipur (C.G.)		
13.	Prof. V. Rai Rtd Prof. Life Science Pt. Ravishankar Shukla University, Raipur. (C.G.)		
14.	Prof. O.P. Chandrakar Pricipal Govt. College. Kurud		
15.	Prof. D.P. Kuity Rtd. Prof. Geology, Pt. Ravishankar Shukla University Raipur. (C.G.)		
16.	Prof. A.R. Chandrakar Rtd. Prof. Geography Pt. Ravishankar Shukla University. Raipur (C.G.)		
17.	Prof. Aditi Poddar Prof. S.o.S. Life Sicience Pt. Ravishankar Shukla University Raipur (C.G.)		
18.	Prof. O.P. Verma Rtd. Prof. Regional Studies Pt. Ravishankar Shukla University Raipur (C.G.)		
19.	Shri Umesh Agrawal FC Pt Ravishankar Shukla University Raipur (C.G.)		
20.	Shri BKS Ray Rtd. I.S. C.G. Govt. Raipur. (C.G.)		
21.	Prof. D.P. Bisen Prof. S.o.S. Physics Pt. Ravishankar Shukla University Raipur (C.G.)		
22.	Prof. Anand Kar S.o.S. Life Science, Devi Ahilya University, Indor		
23.	Prof. M.P. Gupta Rtd. Prof. Geography, Pt. Ravishankar Shukla University Raipur, (C.G.)		
24.	Prof. Anurodh Sissodia Prof. HRDC, LNUP Gwalior , (M.P)		


STC – Principals Meet		20/09/2019	30	Successfully Conducted
S.N.	Name of Resource Persons			
01.	Dr. Kallol K. Ghosh, Professor, S. o. S. in Chemistry, Pt. Ravishankar Shukla University, Raipur (C.G.)			
02.	Dr. Sanjay Tiwari, Professor, S. o. S. in Electronics, Pt. Ravishankar Shukla University, Raipur (C.G.)			
03.	Dr. Ninad Bodhankar S. o. S. in Geology, Pt. Ravishankar Shukla University, Raipur (C.G.)			
STC - Gender Sensitization		14/10/2019-19/10/2019	26	Successfully Conducted
S.N.	Name of Resource Persons			
01.	Mr. Tuhin Deb, Director, State Resource Centre, Raipur (C.G.)			
02.	Dr. Preeti K. Suresh, Professor, University Institute of Pharmacy, Pt. R.S.U. Raipur (C.G.)			
03.	Mr. Anand Shukla, Regional Manager, Oxfam India, Raipur (C.G.)			
04.	Dr. Priyamvada Shrivastava, Professor, S. o. S. in Psychology, Pt. R.S.U. Raipur (C.G.)			
05.	Smt. Varsha Mishra, ASP of Police IUCAW, Raipur (C.G.)			
06.	Dr. Preeti Singh, Clinical Psychologist, Psychiatry Dept. Pt. Jawahar Lal Nehru Memorial Medical College, Raipur (C.G.)			
07.	Dr. Basheer Hasan, Professor, S. o. S. in Psychology, Pt. R.S.U. Raipur (C.G.)			
08.	Mrs. Manisha Tiwary, State Manager, 181 Women Help Line Chhattisgarh Ministry Women and Child Development Programme			
09.	Harapriya Samantraya, Reader & Head, Berhampur University, Berhampur (Odisha)			
10.	Mrs. Nandita Pradhan Bhatt, Director, Martha Farrell Foundation, New Delhi			
11.	Dr. Usha Dubey, Rtd. Professor, S. o. S. in Economics, Pt. R.S.U. Raipur (C.G.)			
12.	Dr. Vinita Agarwal, Head & Professor, Dept. of Law, Govt. J.Y. Yoganandam C.G. College, Raipur (C.G.)			
13.	Dr. Mamta Sahu, Member, Chhattisgarh State Commission for Women, India			
Orientation Program		09/11/2019-29/11/2019	28	Successfully Conducted
S.N.	Name of Resource Persons			
01.	Prof. A.K.Gupta, Director HRDC Pt. Ravishankar Shukla University (C.G.)			
02.	Dr. Superna Sengupta, Librarian, Pt. Sundar Lal Sharma Library, Pt. Ravishankar Shukla University, Raipur (C.G.)			
03.	Dr. J.L. Bharadwaj Rtd. Professor, E-109/1, Devendra Nagar, Sector-1, Raipur (C.G.)			
04.	Dr. Aruna Palta, Principal, Dr. Radhabai Navin Kanya Mahavadiyalaya, Raipur (C.G.)			
05.	Shri BKS Ray Rtd. I.S. C.G. Govt. Raipur. (C.G.)			
06.	Prof. R.N.Prasad, West Bengal Kolkata			
07.	Prof. Chitranjan Sinha West Bengal Kolkata			
08.	Dr. C.D. Agashe, Professor, S. o. S. Physical Education, Pt. Ravishankar Shukla University, Raipur (C.G.)			
09.	Dr. Raksha Singh, Pricipal Shri Shankaracharya College Bhiliai. (C.G.)			
10.	Prof. C.R.Kar, Rtd. Prof. Litreture and Languages Pt. Ravishankar Shukla University, Raipur (C.G.)			
11.	Prof. R.N.Jadega			
12.	Dr. K.Subramanyam, Rtd. IFS C.G. Govt. Raipur			

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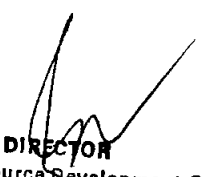
13.	Prof. Kallol K. Ghosh, Prof. S.o.S. in Chemistry Pt. Ravishankar Shukla University, Raipur (C.G.)			
14.	Dr. Nanda Gurwara, Prof. D.B. Girls College Raipur. (C.G.)			
15.	Smt. Aradhna Choubey,			
16.	Prof. Abha R. Paul, Prof. S.o.S. In History Pt. Ravishankar Shukla University, Raipur (C.G.)			
17.	Prof. Ninad Bodhankar, Prof. S.o.S. in Geology Pt. Ravishankar Shukla University, Raipur (C.G.)			
18.	Prof. S. Saraf, Institute of Farmacy Pt. Ravishankar Shukla University, Raipur (C.G.)			
19.	Dr. Usha Kiran Agrawal, Principal Devendra Nagar Girls College Raipur (C.G.)			
20.	Prof. Sanjay Kumar, Prof. S.o.S in Computer Science Pt. Ravishankar Shukla University, Raipur (C.G.)			
21.	Dr. Sushil Trevedi , Rtd. IAS Chattisagarh Govt. Raipur (C.G)			
22.	Prof. Rajeev Choudhery, S.o.S. in Pysical Education Pt. Ravishankar Shukla University, Raipur (C.G.)			
23.	Prof. A.K.Pandey S.o.S. in Ecomices Pt. Ravishankar Shukla University, Raipur (C.G.)			
24.	Prof. Reeta Vanugopal, S.o.S in Physical Education Pt. Ravishankar Shukla University, Raipur (C.G.)			
25.	Prof. D.P.Kuity Rtd. Prof. S.o.S in Geology Pt. Ravishankar Shukla University, Raipur (C.G.)			
26.	Prof. M.K.Deb S.o.S in Chemistry Pt. Ravishankar Shukla University, Raipur (C.G.)			
27.	Dr. GireshKant Pandey, Ragistrar Pt. Ravishankar Shukla University, Raipur (C.G.)			
28.	Prof. Arti Parganhia, S.o.S in Life Sciense Pt. Ravishankar Shukla University, Raipur (C.G.)			
29.	Prof. Usha Dubey , Rtd Prof. S.o.S in Economics Pt. Ravishankar Shukla University, Raipur (C.G.)			
30.	Prof. Preeti K. Suresh , Prof Institute of Farmacy Pt. Ravishankar Shukla University, Raipur (C.G.)			
31.	Prof. M.Mitra SoS in anthropology Pt. Ravishankar Shukla University, Raipur (C.G.)			
32.	Prof. B.Hasan Prof. SoS in psychology Pt. Ravishankar Shukla University, Raipur (C.G.)			
33.	Prof. Balvant Singh Thakur, Prof. SoS in Mathematics Pt. Ravishankar Shukla University, Raipur (C.G.)			
34.	A.K. Shrivastava Professor & Head, Institute of Management, Pt. Ravishankar Shukla University, Raipur (C.G.)			
35.	Dr. Deepak Shrivastava, HNLU University Raipur (C.G.)			
36.	Prof. S.K.Jadhav, Prof. SoS in Bio Technology Pt. Ravishankar Shukla University, Raipur			
Refresher Course- Life Science		03/12/2019- 16/12/2019	38	Successfully Conducted
S.N.	Name of Resource Persons			
1	Dr. S.B. Velrulkar, Prof. & Head, Department of Plant Molecular Biology & Biotechnology, Indira Gandhi Krishi Vishwavidyalaya, Raipur			
2	Dr. Meenakshi Sinha, Additional Professor, Department of Physiology, AIIMS, Raipur			
3	Dr. Vibhuti Rai, Retd. Professor, SoS in Life Science, PRSU, Raipur			
4	Prof. Mitashri Mitra, Sos in Regional Studies, PRSU, Raipur			
5	Prof. M.L. Naik, Retd. Professor, SoS in Life Science, PRSU, Raipur			
6	Dr. Anand Kar, Professor and Head, School of Life Sciences, Devi Ahilya Vishwavidyalaya, Indore			
7	Prof. M.P. Thakur, IGKV, Raipur			

8	R.K. Pradhan, SoS in Life Science, PRSU, Raipur
9	Prof. K.K. Sahu, SoS in Biotechnology, PRSU, Raipur
10	Dr. Brahma Bihari Panda, Professor (Adjunct), Department of Botany, Berhampur University, Berhampur, Odisha
11	Prof. Arvind Neral, Department of Microbiology, Pt. JLNM College, Raipur
12	Prof. Madan Mohan Chaturvedi, Department of Zoology, University of Delhi (North Campus), Delhi
13	Prof. Suparna Sen Gupta, Librarian, PRSU, Raipur
14	R.K. Pradhan, SoS in Life Science, PRSU, Raipur
15	Prof. OP Agrawal, Former Vice Chancellor, Jiwaji University, Gwalior and Retired Professor, School of Studies in Zoology, Jiwaji University, Gwalior
16	Dr. G.B.N. Chainy, Former Professor and Head, P.G. Department of Biotechnology, Utkal University, Bhubaneswar
17	Dr. Vibhuti Rai, Retd. Professor, SoS in Life Science, PRSU, Raipur
18	Dr. Siba Prasad Adhikary, Former Professor, Department of Biotechnology, Visva-Bharati (A Central University), Santiniketan
19	Prof. Mitashri Mitra, Sos in Regional Studies, PRSU, Raipur
20	Prof. Jagat Roy, Professor & Head, Department of Zoology, Banaras Hindu University, Varanasi
21	Dr. Rohit Seth, Department of Zoology, GGU, Bilaspur
22	Prof. A.K. Pati, Vice Chancellor, Gangadhar Meher University, Amruta Vihar, Sambalpur, Odisha
23	Prof. SK Jadhav, SoS in Biotechnology, PRSU, Raipur
24	Prof. Arti Parganiha, Course Coordinator, SoS in Life Science, PRSU, Raipur
Refresher Course - Hindi	
04/12/2019-17/12/2019	
36	
Successfully Conducted	
S.N.	Name of Resource Persons
1	प्रो. प्रेम नारायण दुबे, समता कालोनी, रायपुर
2	डॉ. चंद्रकुमार जैन, शासकीय दिग्विजय स्वशासी स्नातकोत्तर महाविद्यालय, राजनांदगाँव, 491441
3	श्री संजीव खुदशाह, रचनाकार, कोटा, रायपुर
4	प्रो. सुभद्रा राठौर, शासकीय जे. योगानंद छत्तीसगढ़ महाविद्यालय, रायपुर, 492001
5	प्रो. मृदुला शुक्ला, प्रोफेसर एवं अध्यक्ष, इंदिरा कला संगीत विश्वविद्यालय, खैरागढ़, जिला- राजनांदगाँव 491881
6	प्रो. अरुण होता, प्रोफेसर, पश्चिम बंगाल राज्य विश्वविद्यालय, कोलकता, 700126,
7	प्रो. प्रमोद कोवप्रत, प्रोफेसर हिंदी विभाग, कालिकट विश्वविद्यालय, जिला-मलाप्पुरम, केरल, 673635
8	प्रो. सूरज बहादुर थापा, प्रोफेसर हिंदी विभाग, लखनऊ विश्वविद्यालय, लखनऊ, 226001
9	श्री परेश कुमार राव, आकाशवाणी रायपुर, 492001
10	डॉ. सुधीर शर्मा, हिंदी विभाग, कल्याण स्नातकोत्तर महाविद्यालय, भिलाई, दुर्ग, 490006,
11	प्रो. आरती परगनिया, प्रोफेसर, जीव विज्ञान विभाग, पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर, 492010
12	प्रो. आभा तिवारी, अवंति विहार, रायपुर मो.
13	डॉ. सुपर्ण सेन गुप्ता, ग्रंथपाल, पं. सुंदर लाल शर्मा ग्रंथालय, पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर, 492010,
14	श्री संजीव बख्शी, रचनाकार, एफ. 23, न्यू पंचशील नगर, रायपुर, छत्तीसगढ़ 492001
15	प्रो. एस. के. जाधव प्रोफेसर, जैव विज्ञान विभाग, पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर, 492010
16	प्रो. राजेश दुबे, प्राचार्य, शासकीय नवीन महाविद्यालय, खरोरा, 493441,

17	प्रो. करुणा शंकर उपाध्याय, प्रोफेसर एवं अध्यक्ष, हिंदी विभाग मुंबई विश्वविद्यालय, मुंबई, 400098		
18	डॉ. नीरज खरे, एसोसिएट प्रोफेसर, हिंदी विभाग, काशी हिंदू विश्वविद्यालय, वाराणसी, उ. प्र. 221005		
19	डॉ. दीपक पाचपोर,		
20	प्रो. सियाराम शर्मा, शासकीय दानवीर तुलाराम महाविद्यालय, उत्तर, जिला-दुर्ग, 491107		
21	जया जादवानी, रचनाकार, टैगोर नगर, पंचपडी नाका, पुजारी चेम्बरस ब्लॉक- बी 1, रायपुर, 492001,		
22	श्री ललित सुरजन, रचनाकार, देशबंधु कार्यालय, रामसागर पारा रायपुर, मो. - 9827141800		
Refresher Course – Teacher Educator		03/01/2020- 16/01/2020	29 Successfully Conducted
S.N.	Name of Resource Persons		
01.	Prof. A.K.Gupta, Director HRDC Pt. Ravishankar Shukla University (C.G.)		
02.	Dr. C.D. Agashe, Professor, S. o. S. Physical Education, Pt. Ravishankar Shukla University, Raipur (C.G.)		
03.	Prof. Ninad Bodhankar, Prof. S.o.S. in Geology Pt. Ravishankar Shukla University, Raipur (C.G.)		
04.	Prof. R.G.Bhave,		
05.	Prof. R.D. Helode, Rtd Prof. psychology Pt. Ravishankar Shukla University, Raipur (C.G.)		
06.	Prof. Suparna Sen Gupta, Librarian, PRSU, Raipur		
07.	Prof. M.A. Khan, Rtd Prof. History Pt. Ravishankar Shukla University, Raipur (C.G.)		
08.	Prof. Sanjeev Sonawne, Pune University Pune (M.S.)		
09.	Dr. Khalida Dudhale, Director Physical education Devi Ahilya University Indor.		
10.	Prof. Sanjay Kumar, Prof. S.o.S in Computer Science Pt. Ravishankar Shukla University, Raipur (C.G.)		
11.	Dr. Nibalkar , Wardha (M.S.)		
12.	Dr. Ashok Pradhan SoS in antroplogy Pt. Ravishankar Shukla University, Raipur (C.G.)		
13.	Prof. D.P. Bisen SoS in Pysics Pt. Ravishankar Shukla University, Raipur (C.G.)		
14.	Dr. Vina Dani Govt College Bhopal (M.P.)		
15.	Prof. N.K. Baghmar SoS in geography Pt. Ravishankar Shukla University, Raipur (C.G.)		
16.	Prof. Promila Singh SoS in pscology Pt. Ravishankar Shukla University, Raipur (C.G.)		
17.	Dr. Sunil Dudhale Director Pysical Education Devi Ahilya University Indor		
18.	Dr. Anil Karwande,		
Orientation Program		07/01/2020- 27/01/2020	35 Successfully Conducted
S.N.	Name of Resource Persons		
01.	Keshari Verma N.I.T. Raipur		
02.	Prof. D.P.Kuity Rtd. Prof. S.o.S in Geology Pt. Ravishankar Shukla University, Raipur (C.G.)		
03.	Shailendra Saraf , Insititute of Pharmacy Pt. Ravishankar Shukla University, Raipur (C.G.)		
04.	Kavita Thakur , SoS in Electronics Pt. Ravishankar Shukla University, Raipur (C.G.)		
05.	NV Deshpandey, Rtd. Gen. Administration, Raipur		
06.	Dr. SP Dhaneria, Dean, AIIMS, Raipur		
07.	Chandahas Behar Rtd. IAS Raipur		
08.	Dr. Aruna Palta, Principal, Dr. Radhabai Navin Kanya Mahavadiyalaya, Raipur (C.G.)		
09.	Sunil Dudhle Amrawati		
10.	Anjali Avadhia, Dept. of Pysics Govt Nagarjun college Raipur		


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11.	Dr. Kallol K. Ghosh, Professor, S. o. S. in Chemistry, Pt. Ravishankar Shukla University, Raipur (C.G.)			
12.	Dr. GireshKant Pandey, Registrar Pt. Ravishankar Shukla University, Raipur (C.G.)			
13.	Dr. K. Subramanian, Rtd. IFS, CG Government, Raipur			
14.	Prof. A.R. Chandrakar Rtd. Prof. Geography Pt. Ravishankar Shukla University. Raipur (C.G.)			
15.	Pradeep Shukla , Genral Admistration C.G. Govt Raipur			
16.	Sushil Trevedi, Rtd. IAS, CG Government, Raipur			
17.	Prof. Promila Singh SoS in psycology Pt. Ravishankar Shukla University, Raipur (C.G.)			
18.	Prof. D.P. Bisen SoS in Pysics Pt. Ravishankar Shukla University, Raipur (C.G.)			
19.	SL Swam, Dean, Agriculture College, Katgorah			
20.	GD Sharma, VC, ABP University, Bilaspur			
21.	A.K. Srivastava, Institute of Management, Pt. Ravishankar Shukla University, Raipur			
22.	SK Pandey EX-VC, Pt. Ravishankar Shukla University, Raipur			
23.	Sailendra Pate, Dypt. Registrar, Pt. Ravishankar Shukla University, Raipur			
24.	Umesh Agrawal, FC, Pt. Ravishankar Shukla University, Raipur			
25.	BKS Ray Rtd. I.A.S. C.G. Govt. Raipur. (C.G.)			
26.	Usha Dubey. Rtd. Prof. SoS in Economics, Pt. Ravishankar Shukla University, Raipur			
27.	Prof. Suparna Sen Gupta, Librarian, PRSU, Raipur			
28.	RN Baghel, SoS in Physics, Pt. Ravishankar Shukla University, Raipur			
29.	Dr. C.D. Agashe, Professor, S. o. S. Physical Education, Pt. Ravishankar Shukla University, Raipur (C.G.)			
20.	Prof. Sudhansu Bhushan, NUEPA, New Delhi			
31.	Arti Parganiha, SoS in Life Sciences, Pt. Ravishankar Shukla University, Raipur			
32.	Anjani Shukla, Chair,man, Private University, Niyamak Ayoga, Raipur			
33.	Prof. J.L. Bhardwaj, Rtd. Prof. SoS in Economics, Pt. Ravishankar Shukla University, Raipur			
34.	Prof. M.A. Khan, Rtd Prof. History Pt. Ravishankar Shukla University, Raipur (C.G.)			
35.	Dr. Vina Dani Govt College Bhopal (M.P.)			
36.	RP Das, Pro-VC, IGNOU, New Delhi			
37.	Dr. Nibalkar, Vardha			
38.	LS Nigam, Rtd. Prof. SoS in Ancient History, Pt. Ravishankar Shukla University, Raipur			
STC- Arpit Learners		03/02/2020-	34	Successfully
		08/02/2020		Conducted
S.N.	Name of Resource Persons			
01.	Sankaranaryanan Paleeri, NSS Training College, Ottappalem			
02.	Dr. Latika Bhatiya, ABP, University, Bilaspur			
03.	Dr. Subshs Panch Pandey, Sant. G.B. University, Amravati			
04.	Prof.O.P.Vyas, IIT, Allahabad			
05.	Parveen Kumar, Kurshatra University, Kursotra			
06.	Dr. Vinod Patle, SoS in Computer Science & IT, Pt. Ravishankar Shukla University, Raipur			


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2019-2020

प्रतिवेदन

Refresher Course : Research Methodology in Social Sciences

दिनांक 11/07/2019 से 25/07/2019

पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर के द्वारा HRDC के माध्यम से Social Sciences के शिक्षकों के लिए दिनांक 11/07/2019 से 25/07/2019 तक Refresher Course का आयोजन Research Methodology in Social Sciences विषय पर संपन्न हुआ। Research Methodology जैसे विषय पर 14 दिवस संपूर्ण Syllabus को समय की पूर्ति नहीं कर पाता तथापि Syllabus को पूर्ण करने की कोशिश की गई। Syllabus को तीन भागों में बाँटा गया है।

Part I : Theory Part

- | | | |
|--|---|-------------------------|
| 1. Introduction to Research Methodology | - | Prof. Ashok Pradhan |
| 2. Research Methods & Literature | - | Prof. K. L. Verma |
| 3. Research Methods in Social Sciences | - | Prof. Ashish Srivastava |
| 4. Testing Hypothesis | - | Dr. J. L. Bhardwaj |
| 5. Research Design | - | Dr. J. L. Bhardwaj |
| 6. Types of data & Determination of Sample Size | - | Dr. R.C. Ram |
| 7. Study Design and Data Analysis | - | Dr. R.C. Ram |
| 8. Experimental Research | - | Prof. Rajeev Choudhary |
| 9. Research methods for interdisciplinary research | - | Prof. B. G. Singh |
| 10. All steps of Research in Social Sciences | - | Prof. Ashok Pradhan |
| 11. E Resources for higher education | - | Dr. S. Sen Gupta |
| 12. Style of Bibliography and citation | - | Dr. S. Sen Gupta |
| 13. Workshop : Research Proposal for Project | - | Prof. C.D. Agashe |
| 14. Workshop : Research Proposal for Ph.D. | - | Prof. C.D. Agashe |

उपरोक्तानुसार विषय विशेषज्ञों के द्वारा Research Methodology के Theoretical Part को प्रतिभागियों के सामने प्रस्तुत किया गया।

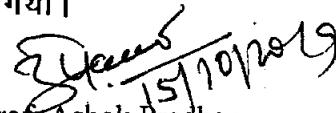
Part II : Practical Part Hands on training research

- | | | |
|--------------------------------------|---|------------------------|
| 1. Hands on training SPSS | - | Dr. Pradip Chourasia |
| 2. Hands on training Excel | - | Dr. Pradip Chourasia |
| 3. Study Design & Data Analysis SPSS | - | Dr. R. C. Ram |
| 4. Applied Statistics through SPSS | - | Prof. Rajeev Choudhary |

Part III : Presentation

- | | | |
|---|---|-----------------|
| 1. Research Paper Presentation in Seminar | - | Dr. M. L. Naik |
| 2. Project – Presentation | - | Dr. M. L. Naik |
| 3. Microteaching | - | Prof. Abha Pal. |

अंत में सभी प्रतिभागियों के लिए परीक्षा आयोजित किया गया। प्रतिभागियों को दिनांक 25/07/2019 को प्रमाण-पत्र प्रदान करने के पश्चात् कार्यक्रम का समापन किया गया।


15/10/2019
DIRECTOR
Human Resource Development Centre
Pt. Ravishankar Shukla University
RAIPUR-492010
Prof. Ashok Pradhan
Course Coordinator

Recommendations of Committee for allotment of programmes to UGC-HRDCs for the year 2019-2020

Minutes of the meeting of Expert Committee to scrutinize and allot ~~Programme for 2019-2020~~ in respect of 66 Human Resource Development Centres (HRDCs) on 18.04.2019

Venue: UGC Main office
Date and time: 18.04.2019 at 10.30 A.M.

Members

Prof. A.C. Pandey
Director
Inter-University Accelerator Centre (IUAC)
New Delhi

Chairperson

Prof. S.K. Singh
Vice-Chancellor
L.N. Mithila University, Darbhanga

Member

Prof. IndraVardhanTrivedi
Former Vice Chancellor,
MohanlalSukhadia University
Udaipur

Member

Prof. P. Duraisamy
Vice-Chancellor,
University of Madras, Chennai

Member

Dr. (Mrs.) Arachna Thakur
Joint Secretary, UGC
Bureau Head, HRDC

Prof. S.K. Singh could not make it convenient to attend. Prof. P. Duraisamy was contacted over phone but participated in discussions for allotment of Ops and RCs, the minutes shall be signed by him electronically.

The committee scrutinized the proposals of programmes received from 66 HRDCs to be conducted during the year 2019-2020

Resolved to recommend the programmes to be conducted by the HRDCs as enclosed in the list.

Prof. A.C. Pandey

Prof. S.K. Singh Prof. IndraVardhanTrivedi Prof. P. Duraisamy Dr. (Mrs.) Arachana Thakur

Recommendations of Committee for allotment of programmes to UGC-HRDCs for the year 2019-2020

Minutes of the meeting of Expert Committee to scrutinize and allot the programme for 2019-2020 in respect of 66 Human Resource Development Centres (HRDCs) on 18.04.2019

Venue: UGC Main office
Date and time: 18.04.2019 at 10.30 A.M.

Members

Prof. A.C. Pandey
Director
Inter-University Accelerator Centre (IUAC)
New Delhi

Chairperson

Prof. S.K. Singh
Vice-Chancellor
L.N. Mithila University, Darbhanga

Member

Prof. IndraVardhan Trivedi
Former Vice Chancellor,
Mohanlal Sukhadia University
Udaipur

Member

Prof. P. Duraisamy
Vice-Chancellor,
University of Madras, Chennai

Member

Dr. (Mrs.) Arachna Thakur
Joint Secretary, UGC
Bureau Head, HRDC

Prof. S.K. Singh could not make it convenient to attend. Prof. P. Duraisamy was contacted over phone but participated in discussions for allotment of Ops and RCs, the minutes shall be signed by him electronically.

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Prof. A.C. Pandey

Prof. S.K. Singh Prof. IndraVardhan Trivedi Prof. P. Duraisamy Dr. (Mrs.) Arachana Thakur

Recommendations of Committee for allotment of programmes to UGC-HRDCs for the year 2019-2020

		4. Life Sciences	<ul style="list-style-type: none"> • Gender Sensitization • Human Rights • Principal's Meet – 1 day
45	Sambalpur University	<p>Induction Programme – 01 Orientation Programme – 04 Refresher Course</p> <ol style="list-style-type: none"> 1. English 2. Odia 3. Commerce and Management 4. Teacher Education 5. Physics <p>Interdisciplinary Refresher Course</p> <ol style="list-style-type: none"> 1. Regional Development 2. Entrepreneurship and Innovation 3. Environmental Studies 4. Tribal Studies 5. Biotech and Bio-Infomatics 6. Management of Natural resources <p>Short Term Course</p> <ol style="list-style-type: none"> 1. Workshop on MOOCs, e-content development and Open Educational Resources 2. Academic Administration 3. Gender Sensitization 4. Disaster Management 5. Research Methodology 6. Non-Teaching Staff Training and Development 7. Yoga <p>Summer/Winter School – 02</p> <ol style="list-style-type: none"> 1. Summer School 2. Winter School <p>One day Principal meet</p> <ul style="list-style-type: none"> • One Day Principal meet 	<p>A.Orientation Courses-04 B(i)- Refresher Courses</p> <ul style="list-style-type: none"> • English • Odia • Commerce and Management • Teacher Education • Physics <p>B(ii)- Inter Disciplinary Refresher Courses</p> <ul style="list-style-type: none"> • Regional Development • Entrepreneurship and Innovation • Environmental Studies • Tribal Studies • Biotech and Bio-Infomatics • Management of Natural resources <p>C - Short Term Courses</p> <ul style="list-style-type: none"> • One week contact/hands on experience programme for ARPIT learners • Workshop on MOOCs, E-content Development and Open Educational Resources for one week • Academic Administration • Gender Sensitization • Disaster Management • Research Methodology • Non-Teaching Staff Training and Development • Yoga • One Day Principal meet
46	PL Ravishankar Shukla University	<p>Orientation Programme:</p> <ol style="list-style-type: none"> 1. Quality in Higher Education: Teaching Methodology (25/5/19 to 21/6/19) 2. Quality in Higher Education: Teaching Learning Process (4/7/19 to 31/7/19) 3. Quality in Higher Education: Enhancement of Quality education (1/9/19 to 28/9/19) 4. Quality in Higher Education: Present scenario higher education and its impact on the society (4/1/20 to 31/1/20) <p>Short Term Courses:</p> <ol style="list-style-type: none"> 1. ICT and E-Resources (8/10/19 to 13/10/19) 2. Gender Sensitization (25/6/19 to 30/6/19) 3. Communication Skills (10/12/19 to 15/12/19) 4. Principal Meet (4/10/19) <p>Refresher Course (Specific):</p> <ol style="list-style-type: none"> 1. Faculty development program in Geography (3/7/19 to 23/7/19) 2. Physics (4/12/19 to 24/12/19) 3. Life Sciences (6/9/19 to 26/9/19) 4. Hindi (15/11/19 to 5/12/19) 5. Teacher Educator (5/1/20 to 25/1/20) <p>Refresher Course (ID):</p> <ol style="list-style-type: none"> 1. Research Methodology (1/2/20 to 	<p>A.Orientation Courses-04 B(i)- Refresher Courses</p> <ul style="list-style-type: none"> • Geography • Physics • Life Sciences • Hindi • Teacher Educator <p>B(ii)- Inter Disciplinary Refresher Courses</p> <ul style="list-style-type: none"> • Research Methodology • Changes in Political and socio-economic in India <p>C - Short Term Courses</p> <ul style="list-style-type: none"> • One week contact/hands on experience programme for ARPIT learners • Workshop on MOOCs, E-content Development and Open Educational Resources for one week • ICT and E-Resources • Gender Sensitization • Communication Skills • One Day Principal's Meet

1. MoUs received from UGC-HRDCs (Annexure I) considering its term and validity etc.

The status of MoU between UGC and respective UGC-HRDCs were reviewed. It was noted that out of 56 MoUs proposals received from amongst 66, two are incomplete and 12 need the original copies for signature, the rest are complete and may be signed by UGC. Those UGC-HRDCs who have yet to send the MoUs despite repeated reminders shall be kept on hold for the release of grants.

The MoUs shall be signed annually before the release of grants.

2. HRDCs (66) are required to fill their self assessment report (Annexure II) and submit by 10th May 2020 to HRDC bureau

2. ~~HRDCs (66) are required to fill their self assessment report (Annexure II) and submit by 10th May 2020 to HRDC bureau~~

The allotment of courses for 2020-21 to 39/66 UGC-HRDCs is attached as Annexure IV. The refresher courses must provide an opportunity for "ongoing, voluntary, and self-motivated" pursuit of knowledge for either personal or professional reasons to develop a more meaningful understanding of how concepts apply to their teaching work with next generation students. It is essential that these courses are highly interactive and customised to the needs of participants. This dynamic approach will keep the course content interesting and relevant for faculty members. It not only enhances social inclusion, active citizenship, and personal development, but also self-sustainability, as well as competitiveness. The multicultural fabric of our nation requires that the institutions involved in implementing the curriculum also work hard towards providing an environment to create, develop and inculcate rational, ethical and moral attitudes and values to help the creation of knowledge society needed for the advancement of our nation. The Statement of Principles with regard to refresher courses and Academic Leadership Program for Academicians (Middle Level/Senior Level) are available in Annexure III.

In addition, all the HRDCs should:

- (i) All HRDCs may offer at least one Short Term Course on (a) Research Methodology (b) E-Contents/ MOOCs Development & Delivery; (c) Yoga/Wellness/Life Skills; (d) Academic Leadership Program for Academicians (Middle Level/Senior Level).
- (ii) To train the senior and middle level academic administrators to enable them to bring about systemic changes with renewed approaches, capacity, tools and skill in HEI, UK India Education and Research Initiative (UKIERI) - UGC Higher Education Leadership Development Programme may be implemented through HRDCs for one-week duration. A typical capsule for middle level (experience more than 6 years) academic leadership is provided in Annexure III.
- (iii) Innovative short-term courses on Research writing, Ethics, Artificial Intelligence, Data analytics, machine Learning, IoTs etc. may be offered by HRDCs and more in numbers. The duration of SHORT TERM COURSES shall be 3 days and for WORKSHOPS it will be 6days.

	<p>4. Workshop. - 04. i) Leadership Development Programme 02 ii) MOOCs, Online Courses & Open Educational Resources iii) E-content Development and Online Pedagogy</p>
21	<p>B.P.S. WOMEN UNIVERSITY, KHANPUR 1. Faculty Induction Programme - 04 2. Refresher Courses: Theme-LEARNING OUTCOMES AND COMPETENCES08 i) Latest Trends in Economics and Business (Economics, Management, Commerce, Hospitality and Allied ii) Mathematics and Statistics iii) Sports, Physical Education and Yoga (Physical Education, Sports and allied Subject Refresher Courses: Inter/Multi-disciplinary: iv) Law and Human Rights & Social Transformation v) Environment Management and Disaster Management vi) Online Course Development and use of ICT Techniques of Teaching & Research vii) Science & Technology of Yoga and Meditation viii) Teacher Educators: Learning outcomes and educational reform – Pedagogy, Assessment and Quality Assurance. 3. Short Term Courses. i) Food History, Nutrition, Food preparation & Preservation and Dining Etiquettes ii) Gender Studies iii) Research Methodology iv) Academic Writing v) E-content Development and Online Pedagogy 4. Workshop. - 04. i) Leadership Development Programme 02 ii) Capacity Building program for women in Higher Education iii) MOOCs, Online Courses & Open Educational Resources</p>
22	<p>PT. RAVISHNAKAR SHUKLA UNIVERSITY, RAIPUR 1. Faculty Induction Programme - 04 2. Refresher Courses: Theme-LEARNING OUTCOMES AND COMPETENCES09 i) Languages, Literature & Cultural Studies (Indian, English & foreign Languages). ii) Chemistry iii) Law iv) Mathematics Refresher Courses: Inter/Multi-disciplinary: v) Computational Sociology vi) Environmental Science vii) Life Sciences: Synthetic Biology viii) Forecasting social unrest: Cliodynamics ix) Tribal Studies 3. Short Term Courses. i) New Dimensions in Teaching & Research in Hindi Literature in 21st Century ii) Research Methodology for Ph.D. Students iii) Cognitive Capacity Assessment iv) Outcome Based Learning v) Interactive course for research Scholars 4. Workshop. - 05. i) Leadership Development Programme 02 ii) MOOCs, Online Courses & Open Educational Resources iii) E-content Development and Online Pedagogy iv) Interaction Programme for Ph.D. Research Scholars/Post-Doctoral Fellows</p>
23	<p>LAXMIBAI NATIONAL INSTITUTE OF PHYSICAL EDUCATION, GWALIOR 1. Faculty Induction Programme - 04 2. Refresher Courses: Theme-LEARNING OUTCOMES AND COMPETENCES08 i) Physical Education – 06 Refresher Courses: Inter/Multi-disciplinary:</p>

Refresher Course
Pt. Ravishankar Shukla University, Raipur (C.G.)
Time Table and Program (11/07/2019 – 25/07/2019)

2019-2020

11.07.2019	Thursday	Registration	Introduction to Research Methodology Prof. Ashok Pradhan	LUNCH	Research Methodology in Literature
12.07.2019	Friday	Hands on Training - SPSS Dr. Pradip Chourasia	Prof. K. L. Verma , VC, Pt. R.S. U. Raipur		
13.07.2019	Saturday	Research Methodology in Social Sciences Prof. Ashish Srivastava	Style of Bibliography and Citations Prof. S. Sengupta		
15.07.2019	Monday	Hands on Training - SPSS Dr. Pradip Chourasia	e-resources for Higher Education Prof. S. Sengupta		
16.07.2019	Tuesday	Hands on Training - Excel Prof. Ashok Pradhan/ Dr. Pradip Chourasia	Types of Data and Determination of Sample Size Prof. R. C. Ram		
17.07.2019	Wednesday	Data Processing and Interpretation Prof. Ashish Srivastava	Study Design and Data Analysis Prof. R. C. Ram		
18.07.2019	Thursday	Testing of Hypothesis Prof. J. L. Bhardwaj	Applies Statistics Through SPSS Prof. Rajeev Choudhary		
19.07.2019	Friday	Research Design Prof. J. L. Bhardwaj	Experimental Research Prof. Rajeev Choudhary		
20.07.2019	Saturday	Presentation: Research Paper/Seminar Prof. M. L. Naik	Research Methods for Interdisciplinary Research Prof. B. G. Singh, VC, PT. S.S.O.U. Bilaspur		
22.07.2019	Monday	Presentation: Project Prof. M. L. Naik	Steps of Research in Social Sciences Prof. Ashok Pradhan		
23.07.2019	Tuesday	Workshop: Research Proposal for project Prof. C. D. Agashe	Microteaching Prof. Abha R. Pal		
24.07.2019	Wednesday	Workshop: Research Proposal for Ph. D. Prof. C. D. Agashe	Microteaching Prof. Abha R. Pal		
25.07.2019	Thursday	Discussion All Participants	Preparation and Conduction of Examination Prof. Ashok Pradhan		
			Valedictory Chief Guest: Prof. K.L.Verma, VC, Pt. R.S. U. Raipur		

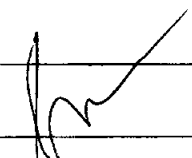
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Co-ordinator, Refresher Course


**Refresher Course - Research Methodology
(11/07/2019 to 25/07/2019)**

List of Participants

S. No.	Name of Participants & Name of College/University
01.	Pitambar Vithobaji Pise Rashtrasant Tukdoji College, Chimur, Dist.-Chandrapur (M.S.)
02.	Dr. Sanjay Shrihari Kumbhare Shri Govindprabha Arts & Commerce College, Talodhi (Balapur), Dist.-Chandrapur (M.S.)
03.	Sanjay Kisan Chavan Y.P. Arts College, Talodhi, Dist.- Chandrapur (M.S.)
04.	Dr. Snigdha Rajesh Kamble Dr. Babasaheb Ambedkar College of Arts, Commerce & Science, Bramhpuri, Dist.- Chandrapur (M.S.)
05.	Dr. Shreebas Debnath Santipur College, Santipur, Dist.- Nadia (W.B.)
06.	Anil Kumar Chandrawanshi Govt. Shivnath Science College, Rajnandgaon (C.G.)
07.	Dr. Gautami Bhatpahari Govt. D.B. Girls P.G. Autonomous College, Raipur (C.G.)
08.	Dr. S. Mayilvaganan A.V.C. College Autonomous, Mannampandal, Taluk - Mayiladuthurai, Dist.-Nagapattinam (Tamil Nadu)
09.	Gobinda Banik Basirhat College, Basirhat, Dist.-North 24 Parganas (West Bengal)
10.	Dr. (Smt.) Pratibha Sharma Govt. V.Y.T.P.G. College, Durg (C.G.)
11.	Jiyalal Akole Govt. College, Anjad, Dist.-Barwani (M.P.)
12.	Dr. Firoza Jafar Ali Kalyan P.G. College, Sector-07, Bhilai Nagar, Dist.-Durg (C.G.)
13.	Sandip Tundurwar Shri Binzani City College, Umrer Road, Nagpur (M.S.)
14.	Rameshar Prasad Nishad Govt. Kangla Manjhi College, Doundi, Dist.-Balod (C.G.)
15.	Pawar Sunita Santosh Vidya Vikas Mandal's Arts & Commerce College, Akkal Kuwa, Dist.-Nadurbar (M.S.)
16.	Dr. Vakil Taj Sheikh Taywade College, Mahadulakoradi, Tah.-Kamptee, Dist.-Nagpur (M.S.)
17.	Ku. Lalita Sahu Govt. Mata Shabari Naveen Girls P.G. College, Bilaspur (C.G.)
18.	Ravindra Kumar Thawait Sahid Veer Narayan Singh Govt. College, Jobi-Barra, Dist.-Raigarh (C.G.)
19.	Dr. Manjulata Sao Govt. College, Bori, Dist.-Durg (C.G.)
20.	Dr. Basant Kumar Sonber Govt. Kamla Devi Rathi P.G. College, Rajnandgaon (C.G.)


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21.	Sachin Shridhar Sukhadeve Dept. of Foreign Languages, Savitribai Phule Pune University, Pune (M.S.)
22.	Dr. Cresencia Baxla Lt. Shree Jaydev Satpathi Govt. College, Basna, Dist.-Mahasamund (C.G.)
23.	Smt. Asma Singh Sidar Govt. College, Kartala, Dist.-Korba (C.G.)
24.	Dr. Rajarshi Kar State Institute of Physical Education For Women, Judges Court, Alipore, Kolkata (West Bengal)
25.	Manoj Kumar Rangari Virangana Rani Avanti Bai Lodhi Govt. Arts & Commerce College, Ramatola, Dist.-Rajnandgaon (C.G.)
26.	Manjari Singh Govt. Digvijay Autonomous P.G. College, Rajnandgaon (C.G.)
27.	Dr. Yulendra Kumar Rajput Principal, Agrasen College, Purani Basti, Raipur (C.G.)
28.	Dr. Priya Rao S. o. S. Law, Pt. Ravishankar Shukla University, Raipur (C.G.)
29.	Rahul Ajabrao Radke Smt. Shakutalabai Dhabekar Mahavidyalaya, Karanja, (Lad) Dist.-Washim (M.S.)
30.	Dr. Shobha Agrawal Agrasen College, Purani Basti, Raipur (C.G.)
31.	Dr. Noopur Agrawal Agrasen College, Purani Basti, Raipur (C.G.)
32.	Arun Kumar Gupta Shri Kuleshwar Mahadev Govt. College, Gobra-Nawapara, Dist.-Raipur (C.G.)
33.	Vibhash Kumar Jha Agrasen College, Purani Basti, Raipur (C.G.)
34.	Ruchika Kalla Shri Agrasen Girls College, Darri Road, Korba (C.G.)
35.	Smt. Ramkumari Dhurwa Govt. Kamla Devi Rathi P.G. College, Rajnandgaon (C.G.)
36.	Satish Chandra Srivastava Indira Gandhi P.G. College, Gauriganj-Amethi (U.P.)
37.	Dr. Shashi Kashyap Govt. Dr. W.W. Patankar Girls P.G. College, Durg (C.G.)


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STC - Communication Skills**(22/07/2019 to 27/07/2019)****List of Participants**

S. No.	Name of Participants & Name of College/University
01.	Sneha Thawait Naveen Govt. College, Nawagarh, Dist.-Janjgir-Champa (C.G.)
02.	Vinit Kumar Sahu Govt. Kachana Dhurva College, Chhura, Dist.-Gariaband (C.G.)
03.	Dr. Subuhi Nishad Indira Gandhi Krishi Vishwavidyalaya, Raipur (C.G.)
04.	Dr. Anshumala Chandangar Govt. V.Y.T.P.G. Autonomous College, Durg (C.G.)
05.	Dr. Praveen Kumar K.A. P.G. College, Kasganj (U.P.)
06.	Dr. Manish Kumar Mishra Jamuna Devi Nareshchandra Mahavidyalaya, Orai (Jalaon) (U.P.)
07.	Dr. Devender Prakash R.S.S. College, Pilkhuwa, Dist.-Hapur (U.P.)
08.	Mrs. Shilpa Kulkarni Shri Shankracharya Mahavidyalaya, Junwani, Bhilai, Dist.-Durg (C.G.)
09.	Dr. Jaishree Wakankar Shri Shankracharya Mahavidyalaya, Junwani, Bhilai, Dist.-Durg (C.G.)
10.	Mrs. Seema Dwivedi Shri Shankracharya Mahavidyalaya, Junwani, Bhilai, Dist.-Durg (C.G.)
11.	Pramod Dalal S.B.J. Degree College, Bisawar, Hathras (U.P.)
12.	Dr. Harpreet Kaur Govt. Jajwalyadev Naveen Girls College, Janjgir (C.G.)
13.	Shameena Bano Govt. Co-Ed. Polytechnic, Byron Bazar, Raipur (C.G.)
14.	Dr. Simrann R. Verma Gurukul Mahila Mahavidyalaya, Raipur (C.G.)
15.	Usha Rathore Govt. E.R.P.G. Science College, Bilaspur (C.G.)
16.	Divya Sharma Vipra Arts, Commerce & Physical Education College, Raipur (C.G.)
17.	Niresh Kumar Kurre Govt. College, Ambagarh-Chowki, Dist.-Rajanandgaon (C.G.)
18.	Chandrashekhar Bandhe St. Vincent Palloti College, Raipur (C.G.)
19.	Santosh Sharma Netaji Subhash College, Belbhata, Abhanpur, Dist.-Raipur (C.G.)
20.	Dr. Smita Sharma Centre for Basic Science, Pt. Ravishankar Shukla University, Raipur (C.G.)
21.	Dr. (Smt.) Sandhay Lanjewar S.N. Agrawal Govt. College, Kohka-Neora, Dist.-Raipur (C.G.)
22.	Dr. Girijashankar Gautam Centre for Basic Science, Pt. Ravishankar Shukla University, Raipur (C.G.)

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**HRDC पं. रविशंकर शुक्ल विश्वविद्यालय द्वारा दिनांक 22/07/2019 से 27/07/2019 तक
सम्प्रेषण पर आयोजित Short Term Course का तकनीकी विवरण**

दिनांक 22/07/2019

कार्यक्रम के प्रथम दिवस दिनांक 22/07/2019 को प्रातः 10:30 से 12:00 तक पंजीयन रखा गया जिसमें समस्त आवेदकों ने संदर्भित दस्तावेजों के साथ अपना पंजीयन पूर्ण किया। पंजीयन उपरांत 12:00 से 13:30 प्रो. बशीर हसन, मनोविज्ञान अध्ययनशाला, पं. रविशंकर शुक्ल विश्वविद्यालय, छ.ग. द्वारा प्रथम तकनीकी सत्र का संचालन किया गया तथा सम्प्रेषण के मूल तत्त्वों पर व्याख्यान दिया गया। अपराह्न 13:30 से 14:30 तक भोजन अवकाश दिया गया। तत्पश्चात् प्रो. चितरंजन कर, पं. रविशंकर शुक्ल विश्वविद्यालय द्वारा अपराह्न 14:30 से 16:00 तक तथा 16:00 से 17:30 दो तकनीकी सत्रों का संचालन किया गया तथा भाषा विज्ञान से संबंधित सम्प्रेषण की समस्याओं तथा निवारणों पर व्याख्यान दिया गया।

दिनांक 23/07/2019

द्वितीय दिवस प्रातः 10:30 से अपराह्न 12:00 तक प्रथम तकनीकी सत्र तथा 12:00 से 13:30 तक द्वितीय तकनीकी सत्र का संचालन प्रो. इन्दु बोरा, लक्ष्मीबाई राष्ट्रीय शारीरिक शिक्षा संस्थान, ग्वालियर, मध्य प्रदेश द्वारा किया गया। दोनों सत्रों में प्रो. बोरा ने प्रभावी सम्प्रेषण के उपायों की चर्चा की। अपराह्न 13:30 से 14:30 तक भोजन अवकाश दिया गया। तत्पश्चात् प्रो. चितरंजन कर, पं. रविशंकर शुक्ल विश्वविद्यालय द्वारा अपराह्न 14:30 से 16:00 तक तथा 16:00 से 17:30 दो तकनीकी सत्रों का संचालन किया गया तथा विभिन्न भाषायी त्रुटियों के निराकरण हेतु उपाय एवं उनकी सम्प्रेषण में उपादेयता पर व्याख्यान प्रस्तुत किया गया।

दिनांक 24/07/2019

तृतीय दिवस प्रातः 10:30 से अपराह्न 12:00 तक प्रथम तकनीकी सत्र तथा 12:00 से 13:30 तक द्वितीय तकनीकी सत्र का संचालन प्रो. इन्दु बोरा, लक्ष्मीबाई राष्ट्रीय शारीरिक शिक्षा संस्थान, ग्वालियर, मध्य प्रदेश द्वारा किया गया। अपराह्न 13:30 से 14:30 तक भोजन अवकाश दिया गया। तत्पश्चात् प्रो. जी.ए. घनश्याम, दाउ उत्तम साव शासकीय महाविद्यालय मचानदूर, जिला-दुर्ग, छ.ग. द्वारा अपराह्न 14:30 से 16:00 तक


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तथा 16:00 से 17:30 दो तकनीकी सत्रों का संचालन किया गया तथा विभिन्न ऑडियो व वीडियो के प्रदर्शन तथा अन्तःक्रिया के माध्यम से प्रभावी सम्प्रेषण की कला के विषय में विस्तार से चर्चा की गई।

दिनांक 25 / 07 / 2019

चतुर्थ दिवस प्रातः 10:30 से अपरान्ह 12:00 तक प्रथम तकनीकी सत्र तथा 12:00 से 13:30 तक द्वितीय तकनीकी सत्र का संचालन प्रो. बशीर हसन, मनोविज्ञान अध्ययनशाला, पं. रविशंकर शुक्ल विश्वविद्यालय, छ.ग. द्वारा किया गया। दोनों सत्रों में प्रो. हसन ने वैवाहिक सम्प्रेषण के विषय में विस्तार से व्याख्यान प्रस्तुत करते हुये पावर पॉइंट के माध्यम से हर प्रकार के सम्प्रेषण में आने वाली मनोवैज्ञानिक बाधाओं पर प्रकाश डाला। अपरान्ह 13:30 से 14:30 तक भोजन अवकाश दिया गया। तत्पश्चात् डॉ. रक्षा सिंग, प्राचार्य, शंकराचार्य महाविद्यालय, भिलाई, जिला-दुर्ग, छ.ग. द्वारा तृतीय तकनीकी सत्र का संचालन अपरान्ह 14:30 से 16:00 तक किया गया तथा समस्त प्रतिभागियों के मध्य संचार व सम्प्रेषण संबंधित गतिविधियों का आयोजन करते हुये निरर्थक व गलत संचार से बचने के उपायों की विस्तृत चर्चा की गई। चतुर्थ दिवस के अंतिम तकनीकी सत्र का संचालन सायं: 16:00 से 5:30 तक प्रो. राजीव चौधरी द्वारा किया गया जिसमें उन्होंने सम्प्रेषण के मूल तत्वों के साथ-साथ प्रभावितता तथा उपयोगिता पर प्रकाश डाला।

दिनांक 26 / 07 / 2019

पंचम प्रातः 10:30 से अपरान्ह 12:00 तक प्रथम तकनीकी सत्र तथा 12:00 से 13:30 तक द्वितीय तकनीकी सत्र का संचालन डॉ. समीर ठाकुर, आर.आई.टी., डूमर तालाब, रायपुर, छ.ग. द्वारा किया गया जिसमें उनके द्वारा कुछ गतिविधियों के माध्यम से सम्प्रेषण के विभिन्न आयामों पर व्याख्यान प्रस्तुत किया गया। अपरान्ह 13:30 से 14:30 तक भोजन अवकाश दिया गया। तत्पश्चात् डॉ. बसुमति नाडिग, भाषा एवं साहित्य अध्ययनशाला, पं. रविशंकर शुक्ल विश्वविद्यालय द्वारा अपरान्ह 14:00 से 16:00 तक तथा 16:00 से 17:30 दो तकनीकी सत्रों का संचालन किया गया तथा सम्प्रेषण विषयक भाषायी कारकों पर प्रकाश डाला।


दिनांक 27 / 07 / 2019

Short Term Course के अंतिम दिवस दिनांक 27/07/2019 के प्रथम व द्वितीय तकनीकी सत्रों का संचालन प्रो. मनीष श्रीवास्तव, गुरु घासीदास विश्वविद्यालय, रायपुर, छ.ग. द्वारा प्रातः 10:30 से 12:00 व 12:00 से 13:30 के मध्य किया गया जिसमें उन्होंने प्रमुख रूप अशाब्दिक सम्प्रेषण के अन्तर्गत Kinesics, Paralanguage and Proxemics की गहन चर्चा की व अनेक उदाहरणों के माध्यम से सम्प्रेषण के इन आयामों पर प्रकाश डाला। अपरान्ह 13:30 से 14:30 तक भोजन अवकाश दिया गया। तत्पश्चात् प्रो. जी.ए.


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Pt. Ravishankar Shukla University
RAIPUR-492019

घनश्याम, दाउ उत्तम साव शासकीय महाविद्यालय मचान्दूर, जिला-दुर्ग, छ.ग. द्वारा अपरान्ह 14:30 से 16:00 तक तथा 16:30 से 17:30 दो तकनीकी सत्रों का संचालन किया गया तथा समस्त प्रतिभागियों को चार समूहों में विभाजित करते हुये एक गतिविधि का आयोजन किया गया तथा प्रत्येक समूह से एक सदस्य द्वारा उक्त गतिविधि का प्रस्तुतीकरण करवाया गया व अन्य समूह के सदस्यों के प्रतिप्रश्नों द्वारा सम्प्रेषण की प्रक्रिया को समझाया गया।

उक्त छः दिवसीय Short Term Course में छत्तीसगढ़ राज्य के विभिन्न जिलों के शासकीय तथा अशासकीय महाविद्यालयों के साथ-साथ मेरठ वि.वि., कासगंज, बुंदेलखण्ड वि.वि. तथा अन्य स्थानों से कुल 22 प्रतिभागियों ने अपनी सहभागिता दर्ज की। अंतिम दिवस में चार तकनीकी सत्रों के पूर्ण होने के पश्चात् प्रो. जी.ए. घनश्याम के मुख्य आतिथ्य में कार्यक्रम समन्वयक प्रो. राजीव चौधरी व डॉ. बिजेन्द्र पाण्डेय की अध्यक्षता व विशिष्ट आतिथ्य में समस्त प्रतिभागियों को प्रमाण पत्र वितरित किये गये।

 29/07/2019

COURSE COORDINATOR
Human Resource Development Centre
Pt. Ravishankar Shukla University
RAIPUR-492010


DIRECTOR
Human Resource Development Centre
Pt. Ravishankar Shukla University
RAIPUR-492010

2019-2020

HUMAN RESOURCE DEVELOPMENT CENTRE,
PT. RAVISHANKAR SHUKLA UNIVERSITY RAIPUR (CHHATTISGARH)
ORIENTATION PROGRAM
(25 July to 14 August 2019)
"QUALITY OF HIGHER EDUCATION"

Technical Report of Orientation Program

Twenty One days Orientation Program with the theme "Quality in Higher Education" was organized in the Human Resource Development Centre (HRDC) of Pt. Ravishankar Shukla University, Raipur (CG) beginning on 25th July to 14th August 2019. Thirty seven participants attended the course. The number of resource persons in the entire course was 22, out of which Ten were external; One from LNIPE Gwalior University, one from Sambalpur University Sambalpur (M.P.). Twenty resource persons were from various institutions of Raipur only.

The main objective of an orientation program is to transform a teacher into learning and creative teacher. It is possible only when the HRDCs identify the relevant contents and methodology. For this UGC has provided broad guidelines for the themes to be covered in orientation programs. The major components of Orientation Program are:

- Awareness of linkages among Society, Environment, Education & Development of quality Education,
- Philosophy of education Indian Education System and Pedagogy.
- Resource awareness and knowledge generation.
- Personality Development and Management.
- Information Technology and Computer Awareness

Day01: The course started informally with the Registration of the participants and the introductory lecture of **Course-Coordinator Dr. Brijendra Pandey** in which He made the participants aware of the entire schedule of the course & the assignments they were required to do in this course. In the post lunch session **Prof. Indu Bora**, Professor and Head Department of Yogic Science, Lakshmibai National Institute for Physical Education (LNIPE) Gwalior (M.P.) delivered his talk on "*Personality Development and Hypnotherapy*".

Day02: The day started with the presentation of **Dr. Aruna Palta**, Principal Govt. Naveen Girls College Raipur on "How to write Research Project". She gave generalized way of writing a brief research project research report, effectively irrespective of the subject. She elaborated the important aspects of project writing, how to write title, abstract, methodology, results, discussion, Summary, conclusion, reference, recommendations, reference, and appendices of the research project and research journals. She not only gave quick glance at various funding agencies such as CGCOST, MHRD, UGC but also highlighted the ways to get funded. In the post lunch session **Prof. Indu Bora**, Professor and Head Department of Yogic Science, Lakshmibai National Institute for Physical Education (LNIPE)

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Gwalior (M.P.) delivered his talk on "Anger and its management". She explained the adverse effects, reasons and symptoms of anger followed by its management strategies by mean of various techniques. She nicely correlated the anger to our food habits and life style.

Day03: The day started with the presentation of **Dr. Superna Sengupta, Librarian Pt. Sunderlall Sharma Library, Pt. Ravishankar Shukla University, Raipur** on "Bibliography and citation index". He introduced search strategies & use of library in research. In the post lunch session on direction of coordinator participants were visited central library to know available book, Print publication, e- resources and searched journals in their respective field.

Day 04: In the morning session all the participants participate in micro-teaching Every participant have only 5 minutes to deliver their topic. After lunch break , lecture of the program was delivered by **Dr. K. Subramnium (IFS)**. Dr. K. Subramnium deals some environmental issue like Global warming, Green House effect, effect water disposal, loss of biodiversity also discuss the 5th reports of United Nations Intergovernmental panel on climate change(Unipcc).

Day 05: The day started with the presentation of **Prof. Rajeev Choudhery SOS in Physical Education Pt. Ravishankar Shukla University, Raipur** on "Research Methodology ". His lecture covered the basic definition of research, types of research and various terms used in research methodology. In the second half the day **Prof C.R.Kar Rtd. Professor SOS in literature and Languages Pt. Ravishankar Shukla University Raipur** delivered a Motivational lecture on the language and Communication skill for making personality Development. He told that languages is living organism and it also plays a vital role in the life.

Day 06: The day started with the presentation of **Prof. R.K.Bramhe, SOS in Economics Pt. Ravishankar Shukla University, Raipur** delivered lecture on the topic "Globalization". In this lecture, he discussed the basic needs of Globalization and its Importance. He also tells that how the important organization such as World Bank, GAAT, IMF, WTO ect would come into existence during Globalization. In the post lunch session **Shri Umesh Agrawal, Finance Contoral, Pt. Ravishankar Shukla University Raipur** delivered lecture on topic Finiance and Its Importance. He described the store purchase rule and role of Departmental Purchase committee.

Day 07: The day started with the presented of **Prof. A.K.Shrivastava, SOS in Management, Pt. Ravishankar Shukla University Raipur** delivered lecture on the topic "Time management". In the post lunch session **Shree Chandrahas Behar Rtd. IAS** Delivered lecture on the topic "Education in Educational Institution".

Day 08 : The day started with the presentation of **Prof. A.K.Gupta, SOS in Life Science, Pt. Ravishankar Shukla University, Raipur** delivered lecture on the topic "How quality can be

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ensured in teaching and research". In the second half participants performed **Microteaching** which was evaluated by **Arvind Agarwal**.

Day 08 : The day started with the presentation of **Prof. C.D.Agashe, SOS in Physical Education, Pt. Ravishankar Shukla University Raipur, delivered lecture on the topic "Health and fitness"** In the post lunch session **Prof. Sudhakar Patra, Head, Department of Economics, Barhampur University , Barhampur, Odisha, delivered lecture on the topic "Estimate and Impact of Black Money"**

Day 10: The day started with the deliberation of **Prof. C.D.Agashe, SOS in Physical Education, Pt. Ravishankar Shukla University, Raipur on Mental Health.** In the second half the **Dr. Gireshkant Pandey Registrar, Pt. Ravishankar Shukla University, Raipur** delivered lecture in **Naxal Problem in Chhattisgarh .**

Day 11: The day started with the presentation of **Prof. Rajeev Choudhery SOS in Physical Education Pt. Ravishankar Shukla University, Raipur on "Research Methodology".** His lecture covered the basic definition of research, types of research and various terms used in research methodology. In the second half around 50% participants presented their **Seminar Presentation** on various topics in the presence of their mentor **Prof. S.K.Jadhav.**

Day 12: The day started with the presentation of **Prof. Sanjay Kumar SOS in Computer Science, Pt. Ravishankar Shukla University, Raipur on "Cyber Security and Digital Education".** In the second half around 50% participants presented their **Seminar Presentation** (Social science and Humanities group) on various topics in the presence of their mentor **Prof. A.K.Pandey SOS in Economics, Pt. Ravishankar Shukla University, Raipur.**

Day 13: The day started with the presentation of **Prof. S.K.Saraf SOS in Pharmacy, Pt. Ravishankar Shukla University, Raipur on "Quality of higher education".** In the second half participants used the **Computer Lab. of Human Resource Development Centre** to prepare their **Project Presentation.**

Day 14: The day started with the presentation of **Dr. Superna Sengupta, Librarian Pt. Sunderlall Sharma Library, Pt. Ravishankar Shukla University, Raipur on "Pilgrims "**. In the second half All participants presented their **Project Presentation** on various topics in the presence of their mentor **Prof. Abha R. Paul, SOS in History, Pt. Ravishankar Shukla University, Raipur.**

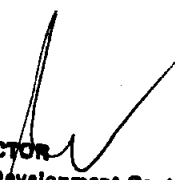
Day 16: The day started with the presentation of **Dr. K. Subramnium (IFS).** On the topic of **Legal literacy.** In the second half participants used the **Computer Lab. of Human Resource Development Centre.**

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- Day 17:** The day started with the presentation of **Prof. Balvant Singh Thakur SOS in Mathematics, Pt. Ravishankar Shukla University, Raipur** on "Examination Reforms.". In the post lunch session Dr. Deepak Shrivastava, HNLU, Raipur Delivered lecture on the topic "Law and Social Transformation".
- Day 18:** The day started with the presentation of **Dr. Brijendra Pandey**. This was followed by the **Feedback of the participants** on the course in the presence of Director Human Resource Development Centre Prof. A.K.Gupta. The day ended with the Valedictory function in which the participants were provided with the Certificates for attending the Course.

All the participants came to know about this Orientation Program through the telephonic message conveyed to them by the Course Coordinator. All the participants rated this course as excellent from the point of view of Academics.. All the Participants showed keen interest in participating in the future courses of the Human Resource Development Centre Pt. ravishankar Shukla University Raipur, Raipur.

Dr.Brijendra Pandey
(Course Coordinator)


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**HUMAN RESOURCE DEVELOPMENT CENTRE,
PT. RAVISHANKAR SHUKLA UNIVERSITY RAIPUR (CHHATTISGARH)
ORIENTATION PROGRAM
(25 July to 14 August 2019)
"QUALITY OF HIGHER EDUCATION"**

2019-2020

DATE	10:30 TO 12:00	12:00 TO 13:30	14:00 TO 15:30	15:30 TO 17:00
25.07.2019	Arrival & Registration	Prof. Indu Bora (Communication Skill)		Brijendra pandey (General introduction about OP)
26.07.2019	Dr. Arun Palla (How to write Research Project)		Prof. Indu Bora (Anger Management)	
27.07.2019	Dr. S. Sengupta (e-resources in higher education)		Library Visit	
29.07.2019	Micro Teaching (Video Shooting)		Dr. K. Subraminiam (Biodiversity and Climate change)	
30.07.2019	Prof. Rajeev Choudhery (Research Methodology)		Prof. C.R.Kar (Multilingualism)	
31.07.2019	Prof. R.K. Brambe (Globalization and higher education)		Umesh Agarwal (General finance and service rules)	
01.08.2019	Prof. A. K. Shrivastava (Time Management)		Dr. Chandras Behar (शिक्षण संस्थाओं में शिक्षा)	
02.08.2019	Prof. A.K. Gupta <i>(How quality can be ensured in teaching & research)</i>		Micro Teaching Review (Dr. Arvind Agarwal)	Computer Class
03.08.2019	Prof. C. D. Agashe (Health Fitness and Diet)		(Prof. Sudhakar Patra) Head, Department of Economics, Barhampur University, Barhampur) Odisha (Estimate and Impact of black money)	
05.08.2019	Prof. C. D. Agashe (Mental Health)		Registrar(Dr. Girshkant. Pandey) (Nexal Problem)	
06.08.2019	Prof. Rajeev Choudhery (Research Methodology)		Seminar Presentation (Science group) (Prof. S.K. Jadhav)	
07.08.2019	Prof. Sanjay Kumar (Cyber Security)	Prof. Sanjay Kumar (Digital Education)	Seminar (Social Science and Arts group) (Prof. A.K. Pandey)	
08.08.2019	Prof. Shailendra Saraf (Quality in Higher Education)	Prof. Shailendra Saraf (Quality in Higher Education)	Project Preparation	Project Preparation
09.08.2019	Dr. S. Sengupta (Plagiarism)		Project Presentation (Abha R. Pal)	
10.08.2019	Dr. K. Suoraminiam (Legal Literacy)		Library Visit	Library Visit
12.08.2019	Educational Tour			
13.08.2019	Prof. Balwant Singh Trakur (Examination Reform)	Computer Class	Dr. Deepak Shrivastava (Law and Social Transformation)	Dr. Deepak Shrivastava (Law and Social Transformation)
14.08.2019	Prof. A.K. Gupta	Feedback of Participants	Certificate Distribution	Certificate Distribution

Course Co-coordinator

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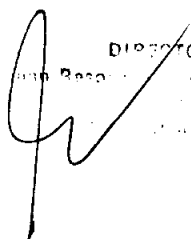
Session 2019-2020

Orientation Program
(25/07/2019 to 14/08/2019)

List of Participants

S. No.	Name of Participants & Name of College/University
01.	Dr. Abhishek Kumar Misra Govt. V.Y.T.P.G. Autonomous College, Durg (C.G.)
02.	Radheshwari Deshmukh Govt. Kangla Majhi College, Doundi, Dist.-Balod (C.G.)
03.	Dr. Kavita Vaishnav Govt. P.G. College, Bhakhara, Dist.-Dhamtari (C.G.) Pin Code-493773
04.	Ankit Kumar Bhagat Gushkara Mahavidyalaya, Gushkara, Dist.-Purba Bardhman (West Bengal) Pin 713128
05.	Dr. Sukhendu Roy Gushkara Mahavidyalaya, Gushkara, Dist.-Purba Bardhman (West Bengal) Pin 713128
06.	Yograj Sahu Govt. College, Magarlod, Dist.-Dhamtari (C.G.)
07.	Awam Barat Singh Diwan Chhattisgarh Kamdhenu Vishwavidyalaya, Durg (C.G.)
08.	Dr. Anurendera Kumar Tiwari Shaheed Domeswar Sahu Govt. College, Jangaon (R), Dist.-Durg (C.G.)
09.	Dr. Chandan Kumar Govt. R.R.M P.G. College, Surajpur (C.G.)
10.	Alok Kumar Joshi Govt. Kamla Devi Rathi Mahila P.G. College, Rajnandgaon (C.G.)
11.	Rajeev Panigrahi Govt. Danteshwari P.G. College, Dantewada (C.G.)
12.	Rupchand Joshi D.R.S. Govt. College, Kasdol, Dist.-Balodabazar-Bhatapara (C.G.)
13.	Lekhram Hirwani Govt. Naveen College, Gurur, Dist.-Balod (C.G.)s
14.	Yogita Thakur Govt. Ghanshyam Singh Gupt P.G. College, Balod (C.G.)
15.	Dr. Vandana Dhandore Govt. Ghanshyam Singh Gupt P.G. College, Balod (C.G.)
16.	Sushil Kumar Gupta Govt. E.V.P.G. College, Korba (C.G.)
17.	Sukanya Ray Kabi Joydeb Mahavidyalaya, Illambazar, Birbhum (West Bengal)
18.	Gargee Shukla Govt. N.P.G. College of Science, Raipur (C.G.)
19.	Sarabjot Kaur Makkad Govt. N.P.G. College of Science, Raipur (C.G.)
20.	Mitisha Baid Govt. N.P.G. College of Science, Raipur (C.G.)
21.	Dr. Pallavi Sinha Govt. N.P.G. College of Science, Raipur (C.G.)
22.	Preeti Bala Jaiswal Govt. Chandulal Chandrakar Arts & Science College, Patan, Dist.-Durg (C.G.)

23.	Pawan Kumar Tamrakar Sant Guru Ghasidas Govt. P.G. College, Kurud, Dist.-Dhamtari(C.G.)
24.	Dr. Madhurani Shukla Shri Kuleshwar Mahadev Govt. College, Gobra-Nawapara, Dist.-Raipur (C.G.)
25.	Sannu Ram Vadde Shri Kuleshwar Mahadev Govt. College, Gobra-Nawapara, Dist.-Raipur (C.G.)
26.	Nasir Ahmed Govt. Gundadhur P.G. College, Kondagaon (C.G.)
27.	Dr. Mithlesh Kumar Sinha Govt. College, Sarona, Dist.-Kanker (C.G.)
28.	Radhik Kumar Dhruw Govt. College, Sarona, Dist.-Kanker (C.G.)
29.	Gajendra Kumar Kashyap Govt. Naveen College, Jamul, Bhilai, Dist.-Durg (C.G.)
30.	Gajendra Kumar Kashyap Govt. Naveen College, Jamul, Bhilai, Dist.-Durg (C.G.)
31.	Ms. Aditi Rani Bhagat Govt. Pt. Shyamacharan Shukla College, Dharsiwa, Dist.-Raipur (C.G.)
32.	Dr. Anil Pardhi Govt. College, Basna, Dist.-Mahasamund (C.G.)
33.	Nandkishor Pradhan Govt. College, Basna, Dist.-Mahasamund (C.G.)
34.	Arpana Ekka Govt. College, Dumariya (Jarhi), Dist.-Surajpur (C.G.)
35.	Rohit Govt. College, Dumariya (Jarhi), Dist.-Surajpur (C.G.)
36.	Dr. Chhatrapal Singh Sikarwar Govt. K,D. College, Chhura, Dist.-Gariaband (C.G.)
37.	Dharmendra Pratap Singh Govt. K,D. College, Chhura, Dist.-Gariaband (C.G.)
38.	Gyanesh Shukla Govt. B.P. Arts, Commerce & Science P.G. College, Arang, Dist.-Raipur (C.G.)


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 Raipur

Orientation Program
(25/07/2019 to 14/08/2019)

Attendance Sheet

(14/08/2019)

S. No.	Name of the Participants	Session - I 10:30 to 12:00	Session - II 12:00 to 13:30	Session - III 14:00 to 15:30	Session - IV 15:30 to 17:00
01.	Dr. Abhishek Kumar Misra	<u>Abhishek</u>	<u>Abhishek</u>	<u>Abhishek</u>	<u>Abhishek</u>
02.	Radheshwari Deshmukh	<u>RD</u>	<u>RD</u>	<u>RD</u>	<u>RD</u>
03.	Dr. Kavita Vaishnav	<u>KV</u>	<u>KV</u>	<u>KV</u>	<u>KV</u>
04.	Ankit Kumar Bhagat	<u>AKB</u>	<u>AKB</u>	<u>AKB</u>	<u>AKB</u>
05.	Dr. Sukhendu Roy	<u>SR</u>	<u>SR</u>	<u>SR</u>	<u>SR</u>
06.	Yograj Sahu	<u>YS</u>	<u>YS</u>	<u>YS</u>	<u>YS</u>
07.	Awam Barat Singh Diwan	<u>ABSD</u>	<u>ABSD</u>	<u>ABSD</u>	<u>ABSD</u>
08.	Dr. Anurendera Kumar Tiwari	<u>AKT</u>	<u>AKT</u>	<u>AKT</u>	<u>AKT</u>
09.	Dr. Chandan Kumar	<u>CK</u>	<u>CK</u>	<u>CK</u>	<u>CK</u>
10.	Alok Kumar Joshi	<u>AJK</u>	<u>AJK</u>	<u>AJK</u>	<u>AJK</u>
11.	Rajeev Panigrahi	<u>RP</u>	<u>RP</u>	<u>RP</u>	<u>RP</u>
12.	Rupchand Joshi	<u>RJ</u>	<u>RJ</u>	<u>RJ</u>	<u>RJ</u>
13.	Lekhram Hirwani	<u>LH</u>	<u>LH</u>	<u>LH</u>	<u>LH</u>
14.	Yogita Thakur	<u>YT</u>	<u>YT</u>	<u>YT</u>	<u>YT</u>
15.	Dr. Vandana Dhandore	<u>VD</u>	<u>VD</u>	<u>VD</u>	<u>VD</u>
16.	Sushil Kumar Gupta	<u>SKG</u>	<u>SKG</u>	<u>SKG</u>	<u>SKG</u>
17.	Sukanya Ray	<u>S. Ray</u>	<u>S. Ray</u>	<u>S. Ray</u>	<u>S. Ray</u>
18.	Gargee Shukla	<u>G. Shukla</u>	<u>G. Shukla</u>	<u>G. Shukla</u>	<u>G. Shukla</u>
19.	Sarabjot Kaur Makkad	<u>SM</u>	<u>SM</u>	<u>SM</u>	<u>SM</u>
20.	Mitisha Baid	<u>M. Baid</u>	<u>M. Baid</u>	<u>M. Baid</u>	<u>M. Baid</u>

21.	Namrata Dubey				
22.	Dr. Pallavi Sinha	<i>Pallavi Sinha</i>	<i>Pallavi Sinha</i>	<i>Pallavi Sinha</i>	<i>Pallavi Sinha</i>
23.	Preeti Bala Jaiswal	<i>Preeti Bala Jaiswal</i>	<i>Preeti Bala Jaiswal</i>	<i>Preeti Bala Jaiswal</i>	<i>Preeti Bala Jaiswal</i>
24.	Pawan Kumar Tamrakar	<i>Pawan Kumar Tamrakar</i>	<i>Pawan Kumar Tamrakar</i>	<i>Pawan Kumar Tamrakar</i>	<i>Pawan Kumar Tamrakar</i>
25.	Dr. Madhurani Shukla	<i>M. Shukla</i>	<i>M. Shukla</i>	<i>M. Shukla</i>	<i>M. Shukla</i>
26.	Sannu Ram Vadde	<i>Sannu Ram Vadde</i>	<i>Sannu Ram Vadde</i>	<i>Sannu Ram Vadde</i>	<i>Sannu Ram Vadde</i>
27.	Nasir Ahmed	<i>Nasir Ahmed</i>	<i>Nasir Ahmed</i>	<i>Nasir Ahmed</i>	<i>Nasir Ahmed</i>
28.	Dr. Mithlesh Kumar Sinha	<i>Mithlesh Kumar Sinha</i>	<i>Mithlesh Kumar Sinha</i>	<i>Mithlesh Kumar Sinha</i>	<i>Mithlesh Kumar Sinha</i>
29.	Radhik Kumar Dhruw	<i>Radhik Kumar Dhruw</i>	<i>Radhik Kumar Dhruw</i>	<i>Radhik Kumar Dhruw</i>	<i>Radhik Kumar Dhruw</i>
30.	Gajendra Kumar Kashyap	<i>Gajendra Kumar Kashyap</i>	<i>Gajendra Kumar Kashyap</i>	<i>Gajendra Kumar Kashyap</i>	<i>Gajendra Kumar Kashyap</i>
31.	Ms. Aditi Rani Bhagat	<i>Aditi Rani Bhagat</i> 14/08/19	<i>Aditi Rani Bhagat</i> 14/08/19	<i>Aditi Rani Bhagat</i> 14/08/19	<i>Aditi Rani Bhagat</i> 14/08/19
32.	Dr. Anil Pardhi	<i>Anil Pardhi</i>	<i>Anil Pardhi</i>	<i>Anil Pardhi</i>	<i>Anil Pardhi</i>
33.	Nandkishor Pradhan	<i>Nandkishor Pradhan</i>	<i>Nandkishor Pradhan</i>	<i>Nandkishor Pradhan</i>	<i>Nandkishor Pradhan</i>
34.	Arpana Ekka	<i>Arpana Ekka</i>	<i>Arpana Ekka</i>	<i>Arpana Ekka</i>	<i>Arpana Ekka</i>
35.	Rohit	<i>Rohit</i>	<i>Rohit</i>	<i>Rohit</i>	<i>Rohit</i>
36.	Dr. Chhatrapal Singh Sikarwar	<i>Chhatrapal Singh Sikarwar</i>	<i>Chhatrapal Singh Sikarwar</i>	<i>Chhatrapal Singh Sikarwar</i>	<i>Chhatrapal Singh Sikarwar</i>
37.	Dharmendra Pratap Singh	<i>Dharmendra Pratap Singh</i>	<i>Dharmendra Pratap Singh</i>	<i>Dharmendra Pratap Singh</i>	<i>Dharmendra Pratap Singh</i>
38.	Gyanesh Shukla	<i>Gyanesh Shukla</i>	<i>Gyanesh Shukla</i>	<i>Gyanesh Shukla</i>	<i>Gyanesh Shukla</i>

Bansenda
14/08/2019
Course Coordinator

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UGC HUMAN RESOURCE DEVELOPMENT CENTRE
Pt. Ravishankar Shukla University, Raipur Chhattisgarh

**Workshop on MOOCs, E-content Development and
Open Educational Resources
19-24 August, 2019**

OVERVIEW OF WORKSHOP :

With the objective to enhance the quality of teaching in the country, the MHRD is emphasizing on the use of the Massive Open Online Courses platform SWAYAM to update the teaching technique of 1.5 million higher education faculty with the focus on new and emerging trends. Massive Open Online Course (MOOC) and e-content generation contribute significantly towards honing creative thinking and innovative learning among the students and at the same time help the faculty to update their knowledge and skills through such faculty development programmes. Massive Open Online Courses (MOOCs) are gaining traction all over the world to provide unlimited participation and open access to quality education via web. The visitors to the top three MOOCs platforms (Swayam, Udemy, FutureLearn Coursera and edX) are from the United States, followed by visitors from India. This shows the tangible interest in MOOCs in India with their cost effectiveness and potential to reach a large number of learners. MOOCs provide us the opportunity to broaden the access to quality education at all levels.

The main objective of the workshop is to sensitize the teaching faculty of colleges and universities about the advantages of **e-learning** and to encourage them towards planning, designing, developing, delivering and implementing MOOCs and other Open Educational Resources (OER) so that they can keep pace with digital revolution of the twenty first century in which technology is blended with traditional teaching-learning pedagogies for better learning outcomes. The workshop is designed to raise the capacity of the faculty to use MOOC platform for effective delivery of courses in higher education in blended as well as online modes. This workshop is a great starting point for effective teaching in the 21st century learning environment.

The MHRD, under its National Mission on education through ICT has developed around 10,000 plus modules in 57 subjects which are available on the "ePG Pathshala website" as Open Educational Resource to be used as a supplementary reading material. Open Access Educational Resources as e-PG Pathshala, Vidya-Mitra Portal , SWAYAM MOOCs Courses

This workshop will address various issues relating to planning, developing, delivering and managing online courses in the context of higher education institutions. The workshop will help the delegates to understand the role and application of MOOCs and other Open educational resources to bring the effectiveness in the delivery of education. The workshop will also look at the platforms available for launching online/MOOCs and the problems/challenges involved in the course delivery. Furthermore, the workshop will attempt to develop skills for designing courses and its delivery through network of individuals and institutions.

LEARNING OBJECTIVES:

The primary objective of this workshop is to introduce MOOCs pedagogy and the open source educational platforms to the University and College teachers. Participants will develop their insights into the challenges and potentials of MOOCs. They will acquire practical understanding of the existing open source MOOCs platforms, which helps them to develop effective MOOCs suited for their audience. Some other objectives are:

- To enable how a lecture could be restructured into short, self-contained segments with high interactivity to engage students more effectively
- To enable participants to learn using FOSS tools through hands-on-experience
- To train the participants to use MOOC as an adjunct to face-to-face teaching and to teach in a fully online or distance learning context and to get a feel for how their courses could be enhanced using Moodle-MOOC platform;
- to understand the process of planning, designing and implementing online courses in line with SWAYAM MOOC requirements
- to create better and active communication and collaboration with the students and to design and manage learning assessment using Moodle MOOC Platform

COURSE CONTENT & TOPICS

Major Topics Covered in the Workshop:

- Introduction to e-Learning, Tools & techniques, standard to create e-content;
- e-Content projects in India;
- Introduction to MOOCs and its platforms;
- Features and Functionalities of MOOCs;

- Pedagogical framework for MOOCs
- Assessment, Certification and Recognition under MOOCs Courses
- Role of faculty in blending MOOCs in regular Curriculum.
- Benefits and scope for teaching community.
- Best practices in implementing MOOCs and Open Educational resources

REGISTRATION AND ACCOMMODATION Registration for eligible teachers of colleges and Universities interested to participate in the workshop will be on a first come first served basis with a maximum limit of 40 participants. Selected participants will have to pay registration fee (nonrefundable) of **Rs. 1000/-** by Demand draft in favour of Registrar, Pt. Ravishankar Shukla, University ,Raipur. Selected out station participants will be given boarding & Lodging in the Guest House as per HRDC norms. Participants should bring laptops. Duly filled in registration forms should be submitted to Dr. Sanjay Tiwari at mooctrsu@gmail.com with a hard copy sent by Speed Post to The Director, HRDC, Pt. Ravishankar Shukla, University, Raipur 482010 on or before **10th Aug. 2019**. Please note that there will be no on-the-spot registration.

VENUE & ABOUT THE HOST

The Venue is UGC Human Resource Development Centre of Pt. Ravishankar Shukla University, Raipur which is mainly entrusted with the responsibility of organizing in-service training programmes for teachers of colleges and Universities. Pt. Ravishankar Shukla University is Chhattisgarh's largest and one of the oldest institutions of higher education, founded in 1964. The university has a sprawling campus in the western part of the capital of Chhattisgarh, Raipur. Raipur is important from historical and archaeological point of view. It is linked to the rest of the country by road, rail and air. It is well connected with Mumbai, Delhi and all metro cities by regular flights and is on the main Howrah-Mumbai railway route. The institute is 5 km from the Raipur railways station and 18 km from airport on NH-6, the Great Eastern Road.

KEYCONTACT PERSONS

- **Prof. A.K.Gupta : Director ,HRDC (akguptarsu@gmail.com)**
- **Dr. Sanjay Tiwari, Workshop Coordinator (94242-25771)**
- **Dr.Arvind Agrawal Assistant Director, HRDC (9754233057)**
- **Dr. Brijendra Pandey Assistant Director, HRDC (9827159831)**

**STC-MOOCs, e-content development and open Educational Resources
(19/08/2019 to 24/08/2019)**

List of Participants

S. No.	Name of Participants & Name of College/University
01.	Dr. Umesh B. Bansod J.M. Patel College, Bhandara (M.S.)
02.	Jayant Shalikram Meshram Shri Babasaheb Dhabekar Arts & Commerce College, Risod, Dist.-Washim (M.S.)
03.	Dr. Pramodkumar Keshav Nandheswar Shri Babasaheb Dhabekar Arts & Commerce College, Risod, Dist.-Washim (M.S.)
04.	Rajlakshmi Tripathi Govt. M.H. College for Home Science & Science for Woman, Jabalpur (M.P.)
05.	Dr. Vinod Kumar Patle S. o. S. in Computer Science & I.T., Pt. Ravishankar Shukla University, Raipur (C.G.)
06.	Dr. Pragya Kulkarni Govt. V.Y.T.P.G. College, Durg (C.G.)
07.	Dr. P. Srinivasan Rathinam College of Arts & Science, Coimbatore (Tamil Nadu)
08.	Dr. Atul Kumar Tiwari Dr. B.S. Porte Govt. College, Pendra, Dist.-Bilaspur (C.G.)
09.	Surendra Digambar Awathare Hutatma Rashtriya Arts & Science College, Ashti, Dist.-Wardha (M.S.)
10.	Dr. Prashant Walmikrao Dhanvij Hutatma Rashtriya Arts & Science College, Ashti, Dist.-Wardha (M.S.)
11.	Dr. Vinod Kumar Dubey Govt. Nagarjuna P.G. College of Science, Raipur (C.G.)
12.	Dr. Rudra Kinker Verma Madhepura College, Madhepura (Bihar)
13.	Dr. Sweta Sharan C.M.Sc. College, Madhepura (Bihar)
14.	Prince Antony J Valluwar College of Science & Management, Karur (Tamil Nadu)
15.	Dr. Brijendra Pandey Human Resource Development Centre, Pt. Ravishankar Shukla University, Raipur (C.G.)
16.	Nandita Khanra Bhilai Mahila Mahavidyalaya, Bhilai (C.G.)
17.	Dr. M.V.S. Mahendra Bhavan's Vivekanand College of Science, Humanities & Commerce, Sanikpuri, Secunderabad (Telangana)
18.	Dr. Sanjib Pramanik Durga College, Raipur (C.G.)
19.	Naman Shukla S. o. S. in Electronics & Photonics, Pt. Ravishankar Shukla University, Raipur (C.G.)
20.	B. Gopal Krishna, Institute of Renewable Energy, Pt. Ravishankar Shukla University, Raipur (C.G.)
21.	Sushil Kumar Kashyap Govt. Science College, Ambikapur (C.G.)

22.	Dr. Indu Bhushan M.L.D.P.K.Yadav College, Araria (Bihar)
23.	Dr. Rajeev Tiwari Govt. DSV Sanskrit College, Raipur (C.G.)
24.	Dr. Amber Vyas Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur (C.G.)
25.	Dr. Deependra Singh Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur (C.G.)
26.	Dr. Manju Singh Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur (C.G.)
27.	Dr. Vishal Jain Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur (C.G.)
28.	Ravish Das Govt. GNA P.G. College, Bhatapara (C.G.)
29.	Dr. Devi Singh Raghuwanshi Shri Shankarachary Group of Institutions, Bhilai (C.G.)
30.	Pratik Kumar Sharma St. Thomas College, Bhilai (C.G.)
31.	Dr. Hariom Hari Indira Kala Sangeet Vishwavidyalaya, Khairagarh (C.G.)
32.	Dr. Vikash Chandra Indira Kala Sangeet Vishwavidyalaya, Khairagarh (C.G.)
33.	Vivek Naware Indira Kala Sangeet Vishwavidyalaya, Khairagarh (C.G.)
34.	Dr. Preeta Lall Dr. Radhabai Govt. Navin Kanya Mahavidyalaya, Raipur (C.G.)
35.	Dr. Kamlesh Shukla S. o. S. in Biotechnology, Pt. Ravishankar Shukla University, Raipur (C.G.)
36.	Dr. Sonali Channawar Mahatama Gandhi College, Raipur (C.G.)
37.	Gajendra Singh Rathore Institute of Renewable Energy, Pt. Ravishankar Shukla University, Raipur (C.G.)



DIRECTOR
Human Resource Development Centre
Pt. Ravishankar Shukla University
RAIPUR-492010

Detailed Report of Worksop/ Road Show
on
“Brewing Bio-entrepreneurship in Raipur”
held at

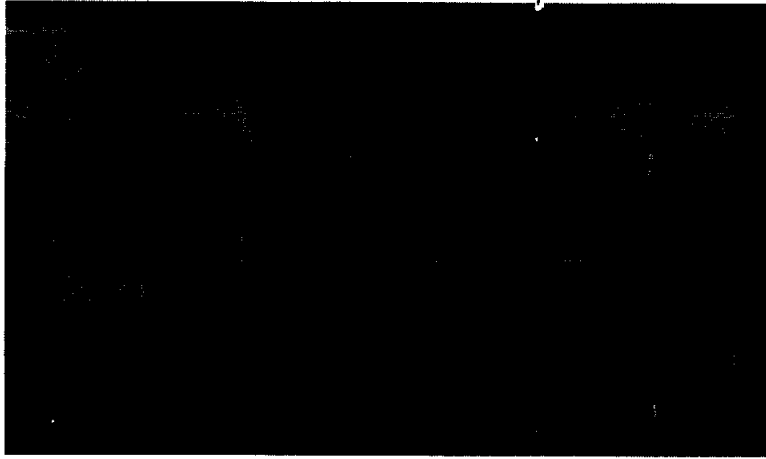
School of Studies in Biotechnology, Pt. Ravishankar Shukla University, Raipur

Bio-entrepreneurship is the integration of two different disciplines, science and business. It is the flow of innovation from academia to industry. Bio-entrepreneurship is the use of biological entities or any idea, related to sciences for purpose of acquiring profit and establishing a business. History has proven that starting a new biotechnology company is not an activity for the faint of heart. Neither is it an endeavour that can be undertaken without patience, perseverance or optimism at their extremes. However, no matter how strong your character, there are three structural elements that are absolutely necessary for biotechnology success. We call these the "three pillars" of bio-entrepreneurship: a quality management team, adequate financing, and access to new technology that leads to products.

With this aim a one day workshop/ road show on “Brewing Bio-entrepreneurship in Raipur” was organized jointly by Technology Business Incubator (TBI), Kalinga Institute of Industrial Technology (KIIT), Bhubaneswar, Regional Centre of BIFAC, DBT, New Delhi and School of Studies in Biotechnology, Pt. Ravishankar Shukla University, Raipur, on 29 August 2019 at 11:00 a.m. in the Seminar Hall of this School.

Biotechnology Industry Research Assistance Council (BIRAC) is a non-profit, public sector enterprise, set up by DBT, Government of India, New Delhi, as an interface agency to strengthen and empower the emerging Biotech enterprise to undertake premediated research and innovation, addressing nationally relevant product development needs. A TBI is a type of business incubator focused on supporting start-ups which use modern technologies as the primary means of innovation. TBI is an initiative of KIIT, which provides vibrant ecosystem for promoting innovation and entrepreneurship development, in various fields including life science through various government schemes.

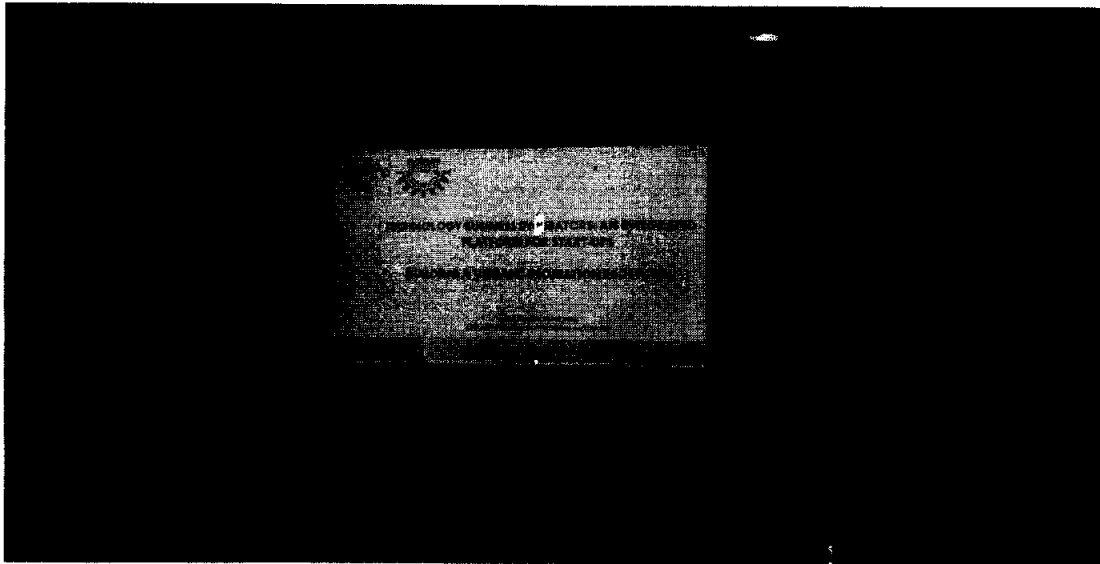
The proposed event was graced by honourable Vice-Chancellor of Pt. Ravishankar Shukla University, **Professor K. L. Verma**. The workshop session started with warm welcome of esteemed guests, eminent scientists from KIIT-TBI, leading and amateur entrepreneurs by the



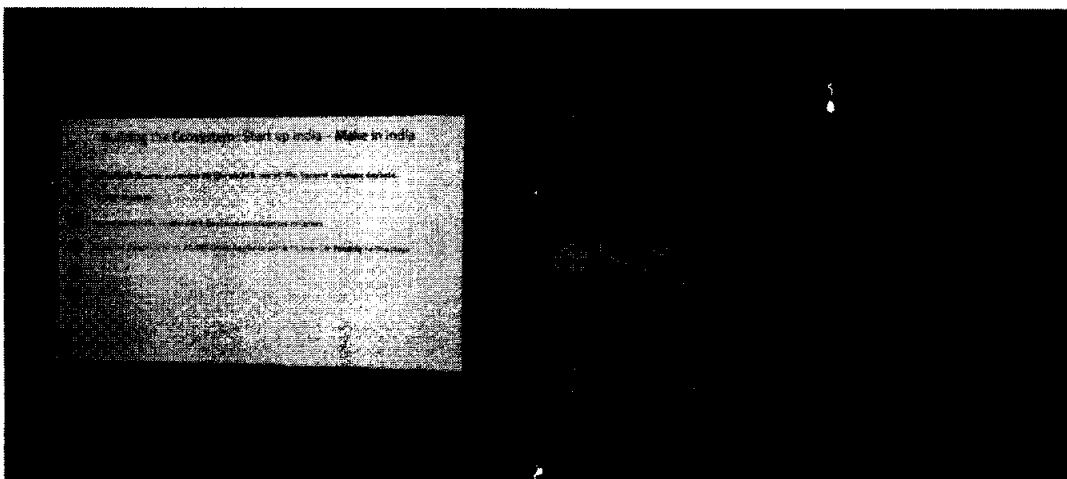
faculty members of School of Studies in Biotechnology. The opening speech of the session was delivered by the Honourable Vice-Chancellor. In his speech he heartily welcomed the team of KIIT-TBI and expressed his privilege of being the host of such an entrepreneurship programme.



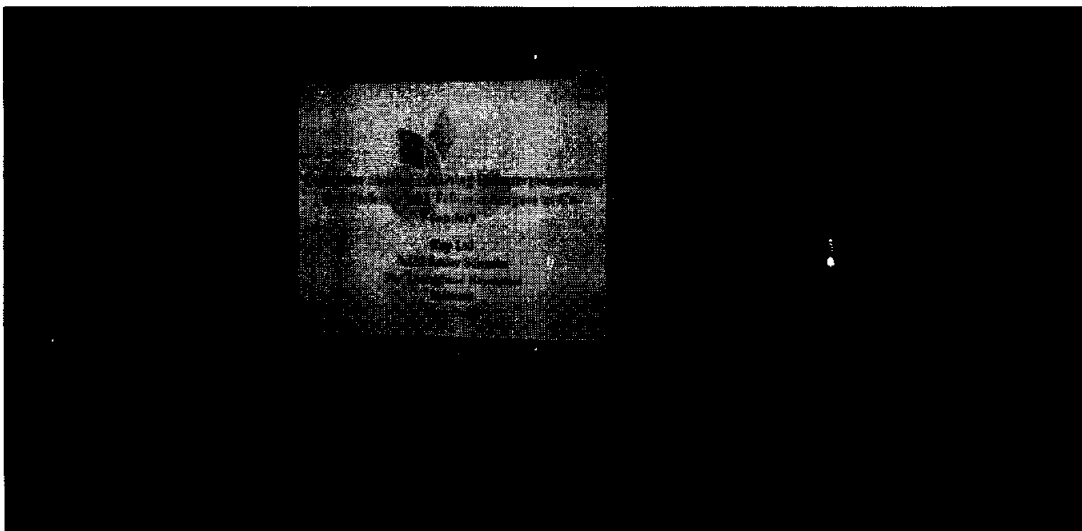
The introductory talk of the session was headed by **Dr. Mrutyunjay Suar**, CEO, KIIT-TBI, Bhubaneswar. In his talk, Dr. Suar provided baseline information on TBI as an integrated platform for start-ups for building a vibrant ecosystem. He apprised regarding various Government agencies such as BIRAC-DBT, DST (NIDHI scheme) NITI Aayog (AIC), MSME, TDB, DIT, MHRD, *etc.*, which stand as supporting pillars along with some PSUs for funding start-ups. More than 200 TBIs have been established so far in India of which only 20 are actively working, the reason being the lack of awareness regarding funding agencies and start-up establishment procedures. He shared success stories of many young entrepreneurs who converted their vibrant innovative idea into business in their start-ups with the help of KIIT-TBI.



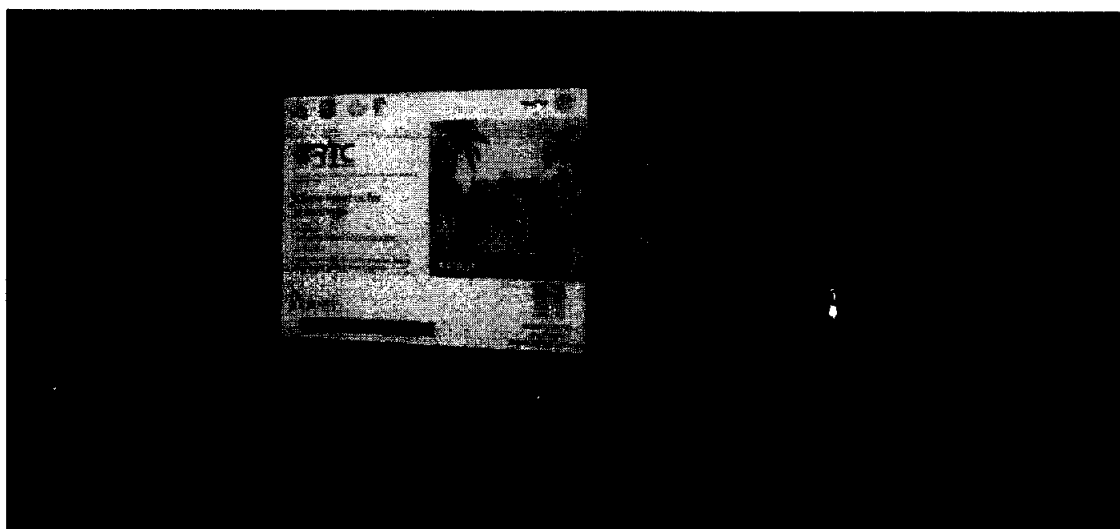
The second talk of the session was given by Dr. Namrata Misra, Head-Bioinnovation, KIIT-TBI, Bhubaneswar. She configured BRTC plan and action plan for start-ups in Raipur city of Chhattisgarh. She emphasized on “Building the Ecosystem : Start-up India – Make in India program” and visioned India as the 3rd largest start-up ecosystem in the world and one of the largest consumer markets with over 14,600+ start-ups with a funding support of 10,000 Crores. TBI aims in bringing together technologists, entrepreneurs and investors on one common platform. Hence provide opportunities in initiating start-ups. She detailed the funding grants available for start-ups viz.; Biotechnology Ignition Grant (BIG), Small Business Innovation Research Initiative (SBIRI), Biotechnology Industry Partnership Programme (BIPP), Promoting Academic Research Conversion to Enterprise (PACE) for academicians and faculties.



A wonderful experience was shared by eminent scientist, Professor **Rup Lal, MD**, PhiXgen Pvt Ltd, New Delhi, who narrated his journey and success story from being a Professor to a leading Bio-entrepreneur. He shared his experience on building his own start-up "PhiXgen" with his fellow colleagues as co-founders and the hurdles they faced right from the beginning of plan of action. He shared the work profile of his company which basically provides Genomic and Metagenomic analyses services, Technical services, Training Services and Healthcare products manufacturing, distribution, and marketing. Recently, PhiXgen has been allotted project on GIS-based Mapping of Microbial Diversity across the Ganges for Ecosystem Services Supported by National Mission for Clean Ganga (NMCG) with Project costing of 9.2 Crores.



The concluding talk of the workshop was delivered by **Ms Shivani Gupta**, a young Entrepreneur and Co-founder of Inochi Care Pvt Ltd, New Delhi, who shared her innovative idea of developing health care diagnostics for healing chronic wounds in her start-up. She has designed VACOX: Multitherapeutic Wound Healing Technology for faster healing of clinically complex wounds.



A total of 150 entries were registered for participation in the workshop/ road show which included faculties, research scholars and post graduate students from various institutions like School of Studies in Biotechnology, Institute of Pharmacy, National Centre for Natural Resources, and School of Life Sciences of Pt. Ravishankar Shukla University Raipur, and colleges like Govt Nagarjuna Science College, Raipur; Pt. Jawahar Lal Nehru Medical College, Raipur; Indira Gandhi Agriculture University, Raipur; Seth Phoolchand Agrawal Smriti PG College, Nawapara-Rajim; Govt. Digvijay College, Rajnandgaon; Bhilai Mahila Mahavidyalaya, Bhilai; and Shri Swami Swaroopanand Saraswati Mahavidyalaya, Bhilai. The focal point of the workshop/ road show was the announcement made by Honourable Vice-Chancellor of Pt. Ravishankar Shukla University, Raipur; he declared establishment of TBI Centre in the university campus. The session ended up with questionnaire and active discussion between the participants and eminent speakers.



Short Term Course
in
'ICT and e-Resources'
(September 2 - 7, 2019)

Organized by
Human Resource Development Centre,
Pt. Ravishankar Shukla University, Raipur - 492010, Chhattisgarh, India

Course Coordinator- Dr. Suparna Sen Gupta (9425228456; 9009828456)

Objective of the Program: We are living in a Digital world where we are migrants to this world and we have to serve the community who are the natives because our student have not seen the world without Google, Face book, Twitter etc. Moreover, in the light of Digital India initiatives of the Government of India, the importance of ICT orientated activity increases many fold. Keeping this in view the present course has been designed to benefit the participants.

Raipur and its Surroundings: Raipur is the capital of one of the newly established Indian states, Chhattisgarh. Raipur is growing rapidly as a major commercial hub for trade and commerce. The population of city is ≈ 2 million, spread over ≈ 300 km². It is encircled by River Mahanadi in the east, Maikal Hills in the north-west, Chota Nagpur Plateau in the north and north-east, and the dense forests of Bastar Plateau in the south. Raipur has a tropical wet and dry climate; temperature remains moderate throughout the year, except from March to June, which is extremely hot. Raipur is situated in the Mumbai-Kolkata trunk line. ≈ 300 Km from Nagpur. It is well connected by Air, Rail and Road.

Target Group: All faculties of University/ College Teachers/ Librarians/ Sports personal. Part time/ Adhoc/ temporary/ contract teachers can also participate in the STC to enhance their skills. All the selected participants are requested to come with the laptops.

Contact Email: hrdcprsu@gmail.com; suparnasengupta61@gmail.com; brijpandey09@gmail.com; dr.arvind02@gmail.com

Cell: 9827159831; 09754233057

Website: www.prsu.ac.in

Registration fee: Rs1000.00 has to be paid through DD payable in favour of The Registrar, Pt. Ravishankar Shukla University, Raipur drawn at State Bank of India, RSU Branch, Raipur.

Venue: Human Resource Development Center, (HRDC) Pt. Ravishankar Shukla University, Raipur.


Participation: Interested College / University teachers can apply through email mentioning their name, designation, subject, institution etc. and accommodation requirement. However, they are required to fill up the application form of HRDC and produce reliving certificate from their Institution when they come for participation. They will be paid TA as per UGC rules.

STC-ICT and E-Resources**(02/09/2019 to 07/09/2019)****List of Participants**

S. No.	Name of Participants & Name of College/University
01.	Dr. G.A. Shambharkar Janata Mahavidyalaya, Chandrapur (M.S.)
02.	Dr. Pravin Suresh Jogi Janata Mahavidyalaya, Chandrapur (M.S.)
03.	Indu Bala Pt. Deen Dayal Upadhyay Govt. Girls P.G. College, Rajajipuram, Lucknow (U.P.)
04.	Sanjay Kumar Dongre University Library, Bastar University, Jagdalpur (C.G.)
05.	Dr. Gaikwad Jyoti Motiram Saraswati College, Kaij (M.S.)
06.	Mukesh U. Pawar Arts & Science College, Bhalod (M.S.)
07.	Ajit M. Hirkane Sarvajanik Arts & Commerce College, Visarwadi (M.S.)
08.	Dr. Digambar Ambadas Khobragade Arts & Science College, Bhalod (M.S.)
09.	Dr. Dewashish Mukherjee Mahant Laxminarayan Das College, Raipur (C.G.)
10.	Dr. Mahajan Dinesh Ramdas Arts & Science College, Bhalod (M.S.)
11.	Devendra Singh Thakur Govt. College, Dharampuri (M.P.)
12.	Dr. Savale Padmakar Arjun SES's Arts & Science College, Bhalod (M.S.)
13.	Dr. Dinesh H. Patil SES's Arts & Science College, Bhalod (M.S.)
14.	Bachhav Suresh Keda A.S.C. College, Varangaon (M.S.)
15.	Runa Shajeev Satish Pradhan Dnyanasadhana College, Thane (W)) (M.S.)
16.	Dr. Narendra Shaligram Patil Bhusawal Arts, Science & Nahata Commerce College, Bhusawal (M.S.)
17.	Dr. Madhulata Bara S. o. S. in Literature & Language, Pt. Ravishankar Shukla University, Raipur (C.G.)
18.	Kalwale Ajit Malhari A.S.C. College, Varangaon (M.S.)
19.	Manoj Kumar Sahu Mahant Laxminarayan Das College, Raipur (C.G.)
20.	Dr. Yulendra Kumar Rajput Agrasen College, Raipur (C.G.)
21.	Priyanka Tiwari Vipra Arts, Commerce & Physical Education, Raipur (C.G.)
22.	Uday Kumar Watti D.K.S. College of Agriculture & Research Station, Bhatapara (C.G.)

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23.	Dr. (Mrs.) Nidhi Gupta Govt. G.N.A. P.G. College, Bhatapara (C.G.)
24.	Lone Rajendrakumar Laxmanrao Shri Renukadevi A.C. & S. Mahavidyalaya, Mahur (M.S.)


DIRECTOR
Human Resource Development Centre
Pt. Ravishankar Shukla University
RAIPUR-492010



REFRESHER COURSE
(Socio Economic and Political Changes in India)



03.09.2019 to 17.09.2019

Organized by
Human Resource Development Centre,
Pt. Ravishankar Shukla University, Raipur 492010, Chhattisgarh, India

Course Coordinator: Dr. Ravindra Kumar Bramhe (9827110259)

Objective: The Refresher Course (RC) is of interdisciplinary nature for the interested faculty preferably of Economics, Political Science, Sociology, History and Law. The objective of this RC is about (A) Awareness of the linkages between society, environment, development and polity; (B) The political economy of development in India; (C) the state, society and economic development in India; and (D) Challenges of growth and development in India.

Raipur and its Surroundings: Raipur is the capital of one of the newly established Indian states, Chhattisgarh. Raipur is a major commercial hub for trade and commerce. The population of city is ≈ 2 million, spread over ≈ 300 km². It is encircled by River Mahanadi in the east, Maikal Hills in the north-west, Chota Nagpur Plateau in the north and north-east, and the dense forests of Bastar Plateau in the south. Raipur has a tropical wet and dry climate; temperatures remain moderate throughout the year, except from March to June, which is extremely hot. It is well connected by Air, Rail and Road.

Target Group: All faculties of University/ College Teachers. Part time/ Adhoc/ temporary/ contract teachers can also participate

Contact Email: hrdeprsu@gmail.com; ravibrahme@gmail.com; arvind02@hotmail.com; brijpandey09@gmail.com; amitshuklam@gmail.com,

Cell: 9827110259; 9754233057; 9827159831

Website: www.prsu.ac.in

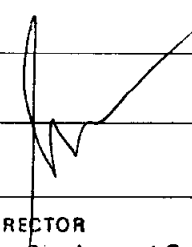
Registration fee: Rs. 1000.00 has to be paid through DD payable in favor of The Registrar, Pt. Ravishankar Shukla University, Raipur drawn at State Bank of India, RSU Branch, Raipur

Participation: Interested College/ University teachers can apply through email mentioning their name, designation, subject, and Institution and requirement of accommodation. However, they are required to fill up the application form of HRDC and produce relieving certificate from their Institution when they come for participation. They will be paid TA as per UGC rules.


**Refresher Course - Socio-Economic and Political Changes in India
(03/09/2019 to 17/09/2019)**

List of Participants

S. No.	Name of Participants & Name of College/University
01.	Dr. Kunti Varathe Govt. Art College, Bamhni Banjar, Mandla (M.P.)
02.	Dr. Yogendra Kumar Dhurve Govt. Naveen College, Gurur (C.G.)
03.	Shaikh Musak Rajjak Maulana Azad College of Arts, Science & Commerce, Aurangabad (M.S.)
04.	Chaturdas Janba Telang Vidarbha College of Art's, Commerce & Science, Jiwati (M.S.)
05.	Niteen Tulshiram Katrojwar Rashtrasant Tukdoji College, Chimur, (M.S.)
06.	Dr. Dipak Pandurang Lonkar Lokmanya Mahavidyalaya, Warora (M.S.)
07.	Tanaji Sambhaji Mane Lokmanya Mahavidyalaya, Warora (M.S.)
08.	Gangadhar Vajinath Landge Vidharbha College of Art's, Commerce & Science, Jiwati (M.S.)
09.	Dr. Suresh Kumar Patel Likhani Sai Govt. College, Tapkara (C.G.)
10.	Dr. Kusum Chandrakar Govt. Naveen College, Raipur (C.G.)
11.	Dr. Nibha Thakur Govt. Naveen College, Khursipar (C.G.)
12.	Pankaj Jain B.C.S. Govt. P.G. College, Dhamtari (C.G.)
13.	Dr. Firoj Kumar Sonwani Sant Guru Ghasidas Govt. P.G. College, Kurud(C.G.)
14.	Dr. Vedwati Dewangan B.C.S. Govt. P.G. College, Dhamtari (C.G.)
15.	Dr. Devashish Haldar Govt. Gundadhur P.G. College, Kondagaon (C.G.)
16.	Prabha Shankar Yadav Govt. College, Kartala (C.G.)
17.	Patil Gulab Sadashiv B.S.S.P.M. Arts, Commerce & Science College, Songir (M.S.)
18.	Dr. Ramesh Gangaram Khairnar B.S.S.P.M. Arts, Commerce & Science College, Songir (M.S.)
19.	Prof. Patil Arvind Bhabutrao B.S.S.P.M. Arts, Commerce & Science College, Songir (M.S.)
20.	Soma Pandurang Gondane Rajiv Gandhi Art's College, Patan, Jiwati (M.S.)
21.	Aher Rahul Pandit Dr. Babasaheb Ambedkar College of Social Work, Dhule (M.S.)
22.	Bhaisane Rajendra Devidas Dr. Babasaheb Ambedkar College of Social Work, Dhule (M.S.)


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23.	Dr. Mahendra Kumar Sarva Govt. D.B. Girls P.G. College, Raipur (C.G.)
24.	Dr. Prabha Gupta Govt. College, Birra (C.G.)
25.	Seema Agrawal Late Shree Jaidev Satpathi Govt. College, Basna, Dist.-Mahasmond (C.G.)
26.	Tara Patel Late Raja Virendra Bahadur Singh Govt. College, Saraipali (C.G.)
27.	Dr. Suresh Kumar Solanki Govt. College, Bhikangaon (M.P.)
28.	Amrit Lal Chandrabhas Govt. L.C.S. College, Ambagarh Chowki (C.G.)
29.	Bhumika Sharma Govt. K.L. Arts, Commerce & Sciene College, Bagbhara (C.G.)
30.	Mrs. Kanti Aanchal Govt. Pataleshwar College, Masturi (C.G.)
31.	Shailesh Mishra Govt. College, Sonhat (C.G.)
32.	Sunil Kumar Kumeti S. o. S. in Economics, Pt. Ravishankar Shukla University, Raipur (C.G.)
33.	Preeti Wasnik Govt. College, Lalburra (M.P.)
34.	Dr. (Smt.) Vidya Pandey Govt. Mini Mata Girls College, Balodabazar (C.G.)
35.	Mukesh Chakradhar Shahid Rajiv Pandey Govt. College, Bhatgaon (C.G.)
36.	Sanjiv Kumar Lavania Dept. of Sociology & Social Work, Pt. Sundar Lal Sharma (Open) University, Bilaspur (C.G.)


 DIRECTOR
 Human Resource Development Centre
 Pt. Ravishankar Shukla University
 RAIPUR-492010

Orientation Program
(11/09/2019 to 01/10/2019)


List of Participants

S. No.	Name of Participants & Name of College/University
01.	Dr. Sharad Kumar Dewangan Dr. B.S.P. Govt. College, Pendra (C.G.)
02.	Tulsiram Rahangdale Govt. R.R.M. P.G. College, Surajpur (C.G.)
03.	Madhulika Kujur Govt. Science College, Ambikapur (C.G.)
04.	Manoj Kumar Patel S. o. S. in Life Science, Pt. Ravishankar Shukla University, Raipur (C.G.)
05.	Rasmita Behera Savitri Women's College, Bhanjanagar (Odisha)
06.	Rabindranath Majumder Tamralipta Mahavidyalaya, Tamluk (West Bengal)
07.	Subhajit Das Rani Dhanya Kumari College, Jijaganj, Murshidabad (West Bengal)
08.	Debasish Sarkar Rani Dhanya Kumari College, Jijaganj, Murshidabad (West Bengal)
09.	Ananta Halder Bijoy Krishna Girls' College, Howrah (West Bengal)
10.	Sanjib Mondal Suri Vidyasagar College, Suri (West Bengal)
11.	Sushma Patel K. Govt. Arts & Science College, Raigarh (C.G.)
12.	Dr. Prasenjit Saha Suri Vidyasagar College, Suri (West Bengal)
13.	Tanmoy Mandal Suri Vidyasagar College, Suri (West Bengal)
14.	Pintu Das Tamralipta Mahavidyalaya, Tamluk (West Bengal)
15.	Ankurita Nayak Sunabeda Women's J.R. College, Sunabada (Odisha)
16.	Rup Kumar Sahu Govt. College, Bakwand (C.G.)
17.	Dr. Sanjay Kumar Singh Govt. Pt. Shyamacharan Shukla College, Dharsiwa (C.G.)
18.	Kavita Thakur Govt. Naveen College, Bori (C.G.)
19.	Vinit Kumar Sahu Govt. Kachna Dhurva College, Chhura (C.G.)
20.	Dr. Shweta Kumbhaj Govt. N.P.G. College of Science, Raipur (C.G.)
21.	Ms. Madhumita Khan Naba Bollygunge Mahavidyalaya, Kolkata (West Bengal)
22.	Dr. Vaishali Sarde Govt. J.Y. C.G. College, Raipur (C.G.)

DIRECTOR

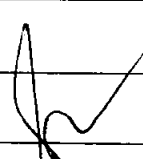
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23.	Deepak Kumar Meshram Govt. Kangla Manjhi College, Doundi (C.G.)
24.	Kamal Narayan Thakur Govt. Shaheed Gaiind Singh College, Charama (C.G.)
25.	Khusboo Rathore Kamla Nehru College, Korba (C.G.)



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RAIPUR-492010

STC – Principals Meet (20/09/2019)**List of Participants**

S. No.	Name of Participants & Name of College/University
01.	O.P. Chandrakar Govt. P.G. College, Kurud (C.G.)
02.	Manoj Mishra Vivekanand Mahavidyalaya, Raipur (C.G.)
03.	Dr. Yulendra Kumar Rajput Agrasen College, Raipur (C.G.)
04.	Dr. D.R. Choudhary N.R.M. Govt. College, Dhamtari (C.G.)
05.	Dr. Ajit Govt. D.B. Girls P.G. College, Raipur (C.G.)
06.	Dr. Jitendra Yadav Govt. G.N.A. P.G. College, Bhatapara (C.G.)
07.	Dr. Vasundhara Thakur Govt. Brijlal Verma College, Pallari (C.G.)
08.	Dr. Rita Diwan G.S. Govt. Law College, Bhatapara (C.G.)
09.	Dr. S.K. Bhatt Govt. N.P.G. College of Science, Raipur (C.G.)
10.	Dr. (Smt.) Gouri Sharma Gracious College of Education, Belbhata, Abhanpur (C.G.)
11.	Jograj Singh Central College of I.T., Raipur (C.G.)
12.	Dr. Shailja Nigam S.N.A. Govt. Arts & Commerce, Kohka-Neora, Raipur (C.G.)
13.	Dr. Arun Kumar Dubey Columbia College, Raipur (C.G.)
14.	Dr. Nidhi Shukla KITE College, Raipur (C.G.)
15.	Dr. Dewashish Mukherjee Mahant Laxminarayan Das College, Raipur (C.G.)
16.	Sandhya Gupta Gurukul Mahila Mahavidyalaya, Raipur (C.G.)
17.	Dr. Sonali N. Chhannawar Mahatama Gandhi College, Raipur (C.G.)
18.	Dr. Angha Aghanshe Birendra Deepak Shiksha Mahavidyalaya, Jamgaon (C.G.)
19.	Mrs. Ritesh Mishra Assistant Professor, Pragati College, Raipur (C.G.)
20.	Dr. Abhilasha Rajak Aadarsh Mahavidyalaya, Raipur (C.G.)
21.	Dr. Rakesh Kumar Tiwari Durga College, Raipur (C.G.)
22.	Bhanshi Lal Surge Shantiniketan College, Raipur (C.G.)
23.	Dr. Chandra Shekhar Choubey B.C.S. Govt. P.G. College, Dhamtari (C.G.)


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24.	Dr. Anil Kumar Tiwari Disha College, Raipur (C.G.)
25.	Nand Kumar Bhoi Ram Chandi College, Saraipali (C.G.)
26.	Dr. Chandrakanta Sharma Mahrshi Vedvyas Govt. P.G. College, Bhakhara (C.G.)
27.	Dr. (Smt.) Sonita Satsangi Govt. Rajiv Lochan College, Rajim (C.G.)
28.	Bhupendra Kumar Sahu Gurukul Institute, Gariaband (C.G.)
29.	Dr. Manju Sharma Shyamvati Mahavidyalaya, Mahasamund (C.G.)
30.	Dr. Hublal Sahu Gurukul Mahavidyalaya, Magarlod (C.G.)


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**Short Term Program
in
Gender Sensitization**

14th to 19th October 2019

Organized by

**Human Resource Development Center,
Pt. Ravishankar Shukla University,
Raipur 492010, Chhattisgarh, India.
Course Coordinator- Prof. Reeta Venugopal
(9425515951)**



Objective: Gender sensitization is a basic requirement to understand the sensitive needs of a particular gender. It helps us to examine our personal attitudes and beliefs and questions the 'realities' that we thought we know. The need for this sensitivity has been felt and realized always and in almost all kinds of human existence, across the globe. Recent discourses focus upon the need to sensitize gender issues on campus as many believe that education is the catalyst for change. Educational space instills thought and makes one have a perception that they believe. Gender issue can be sensitized in educational institution through various activities like debates, discussion, seminars, theatrical performances and other forms of arts. The institution should be well prepared to handle and respond to gender sensitive issues and provide an environment where boys and girls can work together with a sense of personal security and dignity. This workshop will help participants gender sensitive environment in their institution.

Target Group: All faculty of University/College Teachers. Part time/ Adhoc/temporary/contract teachers also can participate in the Program to enhance their skills.

Contact Email: hrdcprsu@gmail.com, brijpandey09@gmail.com, dr.arvind02@gmail.com,

Cell: 9425515951, 9827159831, 09754233057

Website. www.prsu.ac.in

Registration fee; Rs1000. 00 has to be paid through D.D. payable in favor of The Registrar, Pt. Ravishankar Shukla University, Raipur. Drawn at State Bank of India, RSU Branch, Raipur.

Venue of program. Human Resource Development Center, (HRDC) Pt. Ravishankar Shukla University, Raipur.

Participation: Interested College / University teachers can apply to any of the above email ID mentioning their name, designation, subject, Institution and accommodation requirement. However, they are required to fill up the application form of HRDC and produce relieving certificate from their Institution when they come for participation. They will be paid TA as per UGC rules.

UGC, HRDC. Pt. Ravishankar Shukla University, Raipur, C. G.

Short Term Course on " Gender Sensitization"

Date: October 14th to 19th , 2019

Time Table (tentative)

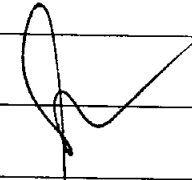
Timings	Day 1 14/10/19 Monday	Day 2 15/10/19 Tuesday	Day 3 16/10/19 Wednesday	Day 4 17/10/19 Thursday	Day 5 18/10/19 Friday	Day 6 19/10/19 Saturday
10.30 AM to 12.00 PM	Registration	Preeti.S Director University Institute of Pharmacy, Pt. RSU, Raipur	Nandita Bhatt, Director of Martha Farrell Foundation And PRIA, New Delhi	Nandita Bhatt, Director of Martha Farrell Foundation And PRIA, New Delhi	Vinita Agarwal Professor, Chhattisgarh College, Raipur	Usha Dubey Rtd. Professor of Economics, Pt. RSU, Raipur
12.00 PM to 1.30 PM	P.Shrivastava Professor of Psychology Pt. RSU, Raipur	Anand Shukla Regional Manager, Oxfam India,	Nandita Bhatt, Director of Martha Farrell Foundation And PRIA, New Delhi	Nandita Bhatt, Director of Martha Farrell Foundation And PRIA, New Delhi	Abha pal Head & Professor, Department of History, Pt. RSU, Raipur	Reeta Venugopal Director, CWS, Pt.RSU, Raipur
02.00 PM to 03.30 PM	Tuhin Deb Director, State Resource Centre,Raipur	Varsha Mishra DSP. IUCAW, Raipur	Vinita Agarwal Professor, Chhattisgarh College, Raipur	Preeti Singh Pt. Jawahar Lal Nehru Memorial <i>Medical College</i> Raipur, Chhattisgarh	Harapriya Samantaraya, Head & Reader, Department Of Home Science, Berhampur University, Berhampur, Odisha	Closing and Certificate Distribution
03.30 PM to 05.00 PM	Tuhin Deb Director, State Resource Centre,Raipur	Varsha Mishra DSP. IUCAW, Raipur	Usha Dubey Rtd. Professor of Economics, Pt. RSU, Raipur	Preeti Singh Pt. Jawahar Lal Nehru Memorial <i>Medical College</i> Raipur, Chhattisgarh	Harapriya Samantaraya, Head & Reader, Department Of Home Science, Berhampur University, Berhampur, Odisha	

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STC - Gender Sensitization
(14/10/2019 to 19/10/2019)

List of Participants

S. No.	Name of Participants & Name of College/University
01.	Dr. David Swami Ambrose S.B.N. Govt. P.G. College, Barwani (M.P.)
02.	Sneha Thawait Naveen Govt. College, Nawagarh (C.G.)
03.	Homraj Balabhau Patelpaik Lokmanya Tilak Mahavidyalaya, Wani (M.S.)
04.	Sunanda Shashikant Aswale Lokmanya Tilak Mahavidyalaya, Wani (M.S.)
05.	Rekha Manohar Badodekar Lokmanya Tilak Mahavidyalaya, Wani (M.S.)
06.	Abhijit Ramesh Rao Aney Lokmanya Tilak Mahavidyalaya, Wani (M.S.)
07.	Karamsing Ramsing Rajput Lokmanya Tilak Mahavidyalaya, Wani (M.S.)
08.	Dr. Ramesh Tukaram Parihar Vidnyan Mahavidyalaya, Malkapur (M.S.)
09.	Dr. Dhake Suresh Bhaskar Women's College of Arts, Commerce & Computer Application, Dongar Kathore (M.S.)
10.	Dr. Yashwant Kumar Sao Govt. College, Armarikala (C.G.)
11.	Mrs. Ritesh Mishra Pragati College, Raipur (C.G.)
12.	Dr. Sandhya Lanjewar S.N. Agrawal Govt. Arts & Commerce College, Tilda-Neora (C.G.)
13.	Dr. Rajendra Kumar Jangde University Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur (C.G.)
14.	Dr. Prithviraj Jaisingh Khinchi Janata Mahavidyalaya, Chandrapur (M.S.)
15.	Lakhan Bohane Bhilai Maitri College, Risali (C.G.)
16.	Smt. Reena Shukla Vipra College, Raipur (C.G.)
17.	Dr. Mayank Krishna Kulshrestha Govt. Ayurved College, Bilaspur (C.G.)
18.	Dr. Prabha R. Kurup Bhilai Maitri College, Risali (C.G.)
19.	Dr. Saroj Parhate Shri NPA Govt. Ayurved College, Raipur (C.G.)
20.	Dr. Satyadev Khichariya Shri NPA Govt. Ayurved College, Raipur (C.G.)
21.	Gaikwad Rahul Ramchandra Maharaja Jivajirao Shinde College, Shrigonda (M.S.)
22.	Sini Karunanidhi Bhilai Maitri College, Risali (C.G.)


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23.	Narayan Chandan Das Dr. Ambedkar College of Arts, Commerce & Science, Chandrapur (M.S.)
24.	Dr. Shobha Gawri Seth Phoolchand Agrawal Smriti Mahavidyalaya, Nawapara - Rajim (C.G.)
25.	Dr. Preeti Satpathi S.K.T. Dabke Law College, Raipur (C.G.)
26.	Reecha Parakh Govt. J.Y.C.G. College, Raipur (C.G.)



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**STC - Gender Sensitization
(14/10/2019 to 19/10/2019)**

Attendance Sheet

(19/10/2019)

S. No.	Name of the Participants	Session - I 10:30 to 12:00	Session - II 12:00 to 13:30	Session - III 14:00 to 15:30	Session - IV 15:30 to 17:00
01.	Dr. David Swami Ambrose	<i>David</i>	<i>David</i>	<i>David</i>	<i>David</i>
02.	Sneha Thawait	<i>Thawait</i>	<i>Thawait</i>	<i>Thawait</i>	<i>Thawait</i>
03.	Homraj Balabhau Patelpaik	<i>H Patelpaik</i>	<i>H Patelpaik</i>	<i>H Patelpaik</i>	<i>H Patelpaik</i>
04.	Sunanda Shashikant Aswale	<i>Aswale</i>	<i>Aswale</i>	<i>Aswale</i>	<i>Aswale</i>
05.	Rekha Manohar Badodekar	<i>RBadodekar</i>	<i>RBadodekar</i>	<i>RBadodekar</i>	<i>RBadodekar</i>
06.	Abhijit Ramesh Rao Aney	<i>Aney</i>	<i>Aney</i>	<i>Aney</i>	<i>Aney</i>
07.	Karamsing Ramsing Rajput	<i>Krajput</i>	<i>Krajput</i>	<i>Krajput</i>	<i>Krajput</i>
08.	Ramesh Tukaram Parihar	<i>Bansal</i>	<i>Bansal</i>	<i>Bansal</i>	<i>Bansal</i>
09.	Dr. Dhake Suresh Bhaskar	<i>Suresh</i>	<i>Suresh</i>	<i>Suresh</i>	<i>Suresh</i>
10.	Dr. Yashwant Kumar Sao	<i>Sao</i>	<i>Sao</i>	<i>Sao</i>	<i>Sao</i>
11.	Mrs. Ritesh Mishra	<i>Mishra</i>	<i>Mishra</i>	<i>Mishra</i>	<i>Mishra</i>
12.	Dr. Sandhya Lanjewar	<i>Lanjewar</i>	<i>Lanjewar</i>	<i>Lanjewar</i>	<i>Lanjewar</i>
13.	Dr. Rajendra Kumar Jangde	<i>Jangde</i>	<i>Jangde</i>	<i>Jangde</i>	<i>Jangde</i>
14.	Prithviraj Jaisingh Khinchi	<i>PKh</i>	<i>PKh</i>	<i>PKh</i>	<i>PKh</i>
15.	Lakhan Bohane	<i>Bohane</i>	<i>Bohane</i>	<i>Bohane</i>	<i>Bohane</i>
16.	Smt. Reena Shukla	<i>Rshukla</i>	<i>Rshukla</i>	<i>Rshukla</i>	<i>Rshukla</i>
17.	Dr. Mayank Krishna Kulshrestha	<i>MK</i>	<i>MK</i>	<i>MK</i>	<i>MK</i>
18.	Dr. Prabha R. Kurup	<i>Kurup</i>	<i>Kurup</i>	<i>Kurup</i>	<i>Kurup</i>
19.	Dr. Saroj Parhate	<i>Parhate</i>	<i>Parhate</i>	<i>Parhate</i>	<i>Parhate</i>
20.	Dr. Satyadev Khichariya	<i>Khichariya</i>	<i>Khichariya</i>	<i>Khichariya</i>	<i>Khichariya</i>
21.	Gaikwad Rahul Ramchandra	<i>PPGaikwad</i>	<i>PPGaikwad</i>	<i>PPGaikwad</i>	<i>PPGaikwad</i>

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S. No.	Name of the Participants	Session - I 10:30 to 12:00	Session - II 12:00 to 13:30	Session - III 14:00 to 15:30	Session - IV 15:30 to 17:00
22.	Sini Karunanidhi	<i>Sini</i>	<i>Sini</i>	<i>Sini</i>	<i>Sini</i>
23.	Naryan Chandan Das	<i>NEB</i>	<i>NEB</i>	<i>NEB</i>	<i>NEB</i>
24.	Dr. Shobha Gawri	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>
25.	Dr. Preeti Satpathi	<i>Satpathi</i>	<i>Satpathi</i>	<i>Satpathi</i>	<i>Satpathi</i>
26.	Reecha Parakh	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>

Course Coordinator

DIRECTOR
Human Resource Development Centre
Pt. Ravishankar Shukla University
RAIPUR-492010



ORIENTATION PROGRAM

09th to 29th November 2019

Organized by

Human Resource Development Center,

Pt. Ravishankar Shukla University.

Raipur 492010, Chhattisgarh, India.

Course Coordinator- Dr. Brijendra Pandey

(9827159831)



Objective: The objective of this Orientation Program is mainly devoted to the interaction on four components prescribed by the UGC. Those are (A) Awareness of the linkages between society, environment, development and education (B) Philosophy of education, Indian education system and pedagogy (C) Resource awareness and knowledge generation and (D) Management and personality development.

Raipur and its Surroundings: Raipur is the capital of one of the newly established Indian states, Chhattisgarh. It is richest city and the biggest iron market in India, Raipur is a major commercial hub for trade and commerce. The population of city is \approx 2 million, spread over \approx 300 km². It is encircled by River Mahanadi in the east, Maikal Hills in the north-west, Chota Nagpur Plateau in the north and north-east, and the dense forests of Baster Plateau in the south. Raipur has a tropical wet and dry climate; temperatures remain moderate throughout the year, except from March to June, which can be extremely hot. Raipur is situated in the Mumbai-Kolkata trunk line, \approx 300 Km from. Its well connected by Air, Rail and Road.

Target Group: All faculty of University/College Teachers. Part time/ Adhoc/temporary/contract teachers also can participate in the Program to enhance their skills.

Contact Email: hrdcprsu@gmail.com, brijpandey09@gmail.com, dr.arvind02@gmail.com,

Cell: 9827159831, 09754233057

Website: www.prsu.ac.in

Registration fee; Rs1000. 00 has to be paid through D.D. payable in favor of The Registrar, Pt. Ravishankar Shukla University, Raipur. Drawn at State Bank of India, RSU Branch, Raipur.

Venue of program: Human Resource Development Center, (HRDC) Pt. Ravishankar Shukla University, Raipur.

Participation: Interested College / University teachers can apply to any of the above email ID mentioning their name, designation, subject, Institution and accommodation requirement. However, they are required to fill up the application form of HRDC and produce relieving certificate from their Institution when they come for participation. They will be paid TA as per UGC rules.

Orientation Program
(09/11/2019 to 29/11/2019)
List of Participants

S. No.	Name of Participants & Name of College/University
01.	Abu Sufian Dept. of Computer Science, University of Gour Banga, Gazole, Malda (West Bengal)
02.	Vijay Laxmi Gaur Govt. Swami Atmanand P.G. College, Narayanpur (C.G.)
03.	Smt. Shankuntal Kosaria Govt. College, Dabhara (C.G.)
04.	Umesh Chandra Brahmanand P.G. College, Rath, Hamirpur (U.P.)
05.	Dr. Navneet Dwivedi Govt. Shahed Venkatrao P.G. College, Bijapur (C.G.)
06.	Dr. Rashmi Kujur Govt. Pt. Shyamacharan Shukla College, Dharsiwa (C.G.)
07.	Dr. Anita Saha Govt. Digvijay P.G. Auto. College, Rajnandgaon (C.G.)
08.	Dr. Shivendra Singh Dewhare S. o. S. in Life Science, Pt. Ravishankar Shukla University, Raipur (C.G.)
09.	Dr. Vijay Laxmi Dewangan Pt. Devi Prasad Chaubey Govt. College, Saja (C.G.)
10.	Dr. Sewan Kumar Bharati Govt. College, Premnagar (C.G.)
11.	Renoo Kumar Yadav S.N.A. Govt. Arts & Commerce College, Kohka-Neora (C.G.)
12.	Renuka Thakur Govt. Dr. Babasaheb Bhimrao Ambedkar P.G. College, Dongargaon (C.G.)
13.	Amit Tandan Sant Guru Ghasidas Govt. P.G. College, Kurud (C.G.)
14.	Sunil A. K. Kerketta Rajeev Gandhi Govt. P.G. College, Ambikapur (C.G.)
15.	Swati Tiwari Govt. Shivnath Science College, Rajnandgaon (C.G.)
16.	Sandeep Kumar Kushwaha Rajeev Gandhi Govt. P.G. College, Ambikapur (C.G.)
17.	Dr. Shraddha Mishra Dr. Radhabai Govt. P.G. College, Raipur (C.G.)
18.	Nootan Kumar Dewagan Govt. Digvijay College, Rajnandgaon (C.G.)
19.	Lalita Sahu Govt. Digvijay P.G. College, Rajnandgaon (C.G.)
20.	Sanjay Kumar Dewangan Govt. Digvijay P.G. College, Rajnandgaon (C.G.)
21.	Lalit Pradhan Arya Govt. Digvijay P.G. College, Rajnandgaon (C.G.)
22.	Mrs. Aarti Sao Govt. College, Basna (C.G.)

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23.	Mr. Bharat Lal Yadaw Babu Pandhari Rao Kridutt Govt. College, Silouti (C.G.)
24.	Deepika Chettri Sushil Kar College, Champahati, Kolkata (W.B.)
25.	Dr. Shampa Das Sushil Kar College, Champahati, Kolkata (W.B.)
26.	Dr. Dindayal Dilliwar Govt. Naveen College, Beloudi (C.G.)
27.	Kavita Kushwaha Shri Shankaracharya Mahavidyalaya. Junwani, Bhilai (C.G.)
28.	Ashish Nath Singh Shri Shankaracharya Mahavidyalaya. Junwani, Bhilai (C.G.)



Human Resource Development Centre (HRDC), Pandit Ravishankar Shukla University (PRSU), Raipur, is going to organize, "Refresher Course in Life Science" from December 3-16, 2019. It is our pleasure to invite you to participate in this Refresher Course (RC).

Objectives: Objectives of this RC are to provide the participants with opportunities and resources for their professional and personal enrichment. The RC will focus on current trends and challenges in the domain of Life Science. Eminent resource persons from various disciplines will be invited for sharing their knowledge on various aspects of the Life Science. It will strengthen participants' knowledge and encourage initiation of fruitful collaborative relationships among all participants; and also between participants & scholarly resource persons.

Salient Features of the Course: The course will have two parts: 45 hours thematic lectures by resource persons and 27 hours of other activities, such as Microteaching, Project Work, Seminar, Lab visit, and demonstration of advanced equipments facilities. All these activities will highlight creative and innovative practices in teaching and research. There will be assessment exercises and activities as part of the academic progression of the course. There will be a written examination after completion of the course. All participants who will complete the refresher course successfully will get certificate with gradation.

Target Group: All faculties of University/ College Teachers of Life Sciences that will include Life Science, Bioscience, Zoology, Botany, Microbiology, Biochemistry, and Biotechnology. Part time/ *Ad-hoc*/ temporary/ contract teachers may also participate.

Registration fee: Rs. 1000.00 has to be paid through DD payable in favor of **The Registrar, Pt. Ravishankar Shukla University, Raipur** drawn at State Bank of India, RSU Branch, Raipur.

Participation: Interested College/ University teachers can apply through email to any of the following email ID mentioning their name, **designation**, subject, and Institution and requirement of accommodation, if any. However, they will be required to fill up the application form of HRDC and produce relieving certificate from their Institution when they come for participation. They will be paid TA as per UGC rules. Register yourself on/or before **November 20, 2019**.

How to obtain the Application form?

- You may visit the link - <http://www.prsu.ac.in> to download the application form.

Application form should be duly forwarded by the Principal/ Head of the Department/ Registrar.

Contact: For detail information please contact:

Dr. Arti Parganiha, Course Coordinator, School of Studies in Life Science, Pt. Ravishankar Shukla University, Raipur – 492010; Cell: 09826551089; Email: arti.parganiha@gmail.com

OR

Prof. A.K. Gupta, I/c Director, Human Resource Development Centre, Pt. Ravishankar Shukla University, Raipur – 492010; Cell: 09826236706; Email: akguptarsu@gmail.com

OR

Dr. Arvind Agrawal, Faculty, Human Resource Development Centre, Pt. Ravishankar Shukla University, Raipur – 492010; Cell: 09754233057; Email: dr.arvind02@gmail.com

Refresher Course in Life Science
Human Resource Development Centre, Pandit Ravishankar Shukla University, Raipur
3-16 December 2019
Schedule of Activity

Week-I								
Date	09:30-10:30	10:30-11:30	11:30-12:00	12:00-13:30	13:30-14:15	14:15-15:45	15:45-16:00	16:00-17:30
Tuesday 3.12.2019	Registration	Inaugural Session/ Interaction with Director and Course Coordinator	Tea break	Lecture 1 (SBV)	Lunch	Lecture 2 (MS)	Tea break	Lecture 3 (VR)
Date	09:45-10:15	10:15-11:45	11:45-12:00	12:00-13:30	13:30-14:15	14:15-15:45	15:45-16:00	16:00-17:30
Wednesday 4.12.2019	Review & Reflection	Lecture 4 (MM)	Tea break	Lecture 5 (MLN)	Lunch	Lecture 6 (AK)	Tea break	Lecture 7 (AK)
Thursday 5.12.2019	Review & Reflection	Lecture 8 (AK)		Lecture 9 (AK)		Lecture 10 (MPT)		Visit to NCNR
Friday 6.12.2019	Review & Reflection	Lecture 11 (RKP)		Lecture 12 (KKS)		Lecture 13 (BBP)		Micro-teaching
Saturday 7.12.2019	Review & Reflection	Lecture 14 (BBP)		Lecture 15 (AN)		Micro-teaching		Micro-teaching
Monday 9.12.2019	Review & Reflection	Lecture 16 (MMC)		Lecture 17 (SSG)		Lecture 18 (MMC)		Seminar
Week-II								
Tuesday 10.12.2019	Review & Reflection	Lecture 19 (MMC)	Tea break	Lecture 20 (MMC)	Lunch	Seminar	Tea break	Seminar
Wednesday 11.12.2019	Review & Reflection	Lecture 21 (OPA)		Lecture 22 (OPA)		Lecture 23 (GBNC)		Project preparation
Thursday 12.12.2019	Review & Reflection	Lecture 24 (GBNC)		Lecture 25 (SPA)		Micro-teaching assessment		Micro-teaching assessment
Friday 13.12.2019	Review & Reflection	Lecture 26 (SPA)		Lecture 27 (SPA)		Project Evaluation		Project Evaluation
Saturday 14.12.2019	Review & Reflection	Lecture 28 (RS)		Lecture 29 (JKR)		Lecture 30 (JKR)		MCQ Test
Monday 16.12.2019	Review & Reflection	Lecture 31 (AKP)		Lecture 32 (AKP)		Lecture 33 (AKG)		Valedictory ceremony & Certificate Distribution


**Refresher Course - Life Science
(03/12/2019 to 16/12/2019)**

List of Participants

S. No.	Name of Participants & Name of College/University
01.	Dwarika Prasad Kori Govt. College, Bishrampur (C.G.)
02.	Dr. Sonali B. Dhawas SJSPM College, Dhanora (M.S.)
03.	Dr. Ranjit Singh Dayanand Subhash National (P.G.) College, Unnao (U.P.)
04.	Dr. Manoj Kujur Govt. Nehru P.G. College, Burhar (M.P.)
05.	Mrs. Vinita Pandey K. Govt. Arts & Science College, Raigarh (C.G.)
06.	Thorat Dinesh Damodhar Toshniwal College, Sengaon (M.H.)
07.	Pravin Dinkar Patil Shankarlal Agrawal Science College, Salekasa (M.S.)
08.	Dhande Jivan Sitaram Smt. P.K. Kotecha Mahila Mahavidyalaya, Bhusawal (M.S.)
09.	Dr. Sangita Devi Sharma Naveen Govt. College, Bori (C.G.)
10.	Dr. Purnima Seth Govt. Naveen College, Khursipar, Bhilai (C.G.)
11.	Dr. Swati Sahu Govt. K.H. College, Abhanpur (C.G.)
12.	Dr. Anjali Rawani Dept. of Zoology, University of Gour Banga, Mokdumpur (West Bengal)
13.	Smt. Sushila Gilhare Govt.D.K.P.G. College, Balodabazar (C.G.)
14.	Dr. Shomorendra Singh Thambal Marik College, Oinam (Manipur)
15.	Dr. Sayeda Parveen Qureshi J.M. Patel College, Bhandara (M.S.)
16.	Dr. Shakeel Ahmed Firdousi H.J. Thim College of Arts & Science Mehrun, Jalgaon (M.S.)
17.	Machhindra Pralhad Nandeshwar Shankarlal Agrawal Science College, Salekasa (M.S.)
18.	Smt. Shubha Verma Govt. Agrasen College, Bilha (C.G.)
19.	Shobha Ram Yadav Govt. Gundadhur P.G. College, Kondagaon (C.G.)
20.	Dr. Latika Bhatia Dept. of Microbiology & Bioinformatics, Atal Bihari Vajpayee University, Bilaspur (C.G.)
21.	Dr. Richa Tikariha Govt. DB Girls PG College, Raipur (C.G.)
22.	Dr. Santosh Kumar Pandey S.D.S. Govt. College, Jamgaon-R, Durg (C.G.)

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23.	Hemant Ganweer Govt. SSP College, Waraseoni (M.P.)
24.	Dr. Vibha Choubey Govt. J.Y.C. G. College, Raipur (C.G.)
25.	Dr. Shashi Gupta Govt. NPG College of Science, Raipur (C.G.)
26.	Shiba Sant Guru Ghasidas Govt. PG College, Kurud (C.G.)
27.	Dr. Tarun Kumar Patel Sant Guru Ghasidas Govt. PG College, Kurud (C.G.)
28.	Deepak Kumar Dewangan Govt. Lal Kalind Singh College, Antagarh (C.G.)
29.	Dr. Rajendra Kochale B.L.P. Govt. PG College, Mhow (M.P.)
30.	Dr. Vidya Dashrath Kapgate DD Bhoyar Arts & Science College, Mouda (M.S.)
31.	Indrabhanu Singh Kanwar Govt. Agrasen College, Bilha (C.G.)
32.	Madan Waskel B.L.P. Govt. PG College, Mhow (M.P.)
33.	Neela Das Rishi Bankim Chandra College, Kantalpara (West Bengal)
34.	Anita Pandey Kirodimal Govt. Arts & Science College, Raigarh (C.G.)
35.	Chandrakala Patel Shahid Rajjev Pandey Govt. College, Bhatagaon (C.G.)
36.	Dr. Roopshikha Agrawal Govt. J.Y.C. G. College, Raipur (C.G.)
37.	Dr. Mrigendra Kumar Dwivedi Govt. Nagarjuna PG College of Science, Raipur (C.G.)
38.	Dr. Sanjana Bhagat Govt. Nagarjuna PG College of Science, Raipur (C.G.)


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Refresher Course – Life Science

(03/12/2019 to 16/12/2019)

Attendance Sheet




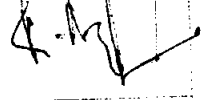

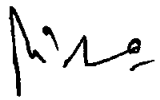
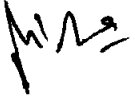
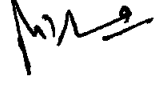
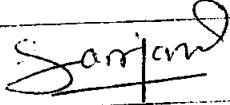
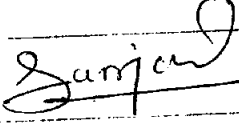
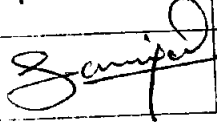
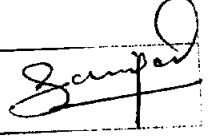
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2019-2020

S. No.	Name of the Participants	Session - I 10:15 to 11:45	Session - II 12:00 to 13:30	Session - III 14:15 to 15:45	Session - IV 16:00 to 17:30
01.	Dwarika Prasad Kori	<i>D. Prasad</i>	<i>D. Prasad</i>	<i>D. Prasad</i>	<i>D. Prasad</i>
02.	Dr. Sonali B. Dhawas	<i>Sonali B. Dhawas</i>	<i>Sonali B. Dhawas</i>	<i>Sonali B. Dhawas</i>	<i>Sonali B. Dhawas</i>
03.	Dr. Ranjit Singh	<i>Ranjit</i>	<i>Ranjit</i>	<i>Ranjit</i>	<i>Ranjit</i>
04.	Dr. Manoj Kujur	<i>Manoj</i>	<i>Manoj</i>	<i>Manoj</i>	<i>Manoj</i>
05.	Mrs. Vinita Pandey	<i>Vinita Pandey</i>	<i>Vinita Pandey</i>	<i>Vinita Pandey</i>	<i>Vinita Pandey</i>
06.	Thorat Dinesh Damodhar	<i>Thorat</i>	<i>Thorat</i>	<i>Thorat</i>	<i>Thorat</i>
07.	Dr. Pravin Dinkar Patil	<i>Pravin Dinkar</i>	<i>Pravin Dinkar</i>	<i>Pravin Dinkar</i>	<i>Pravin Dinkar</i>
08.	Dhande Jivan Sitaram	<i>Jivan</i>	<i>Jivan</i>	<i>Jivan</i>	<i>Jivan</i>
09.	Dr. Sangita Devi Sharma	<i>Sangita</i>	<i>Sangita</i>	<i>Sangita</i>	<i>Sangita</i>
10.	Dr. Purnima Seth	<i>Purnima Seth</i>	<i>Purnima Seth</i>	<i>Purnima Seth</i>	<i>Purnima Seth</i>
11.	Dr. Swati Sahu	<i>Swati</i>	<i>Swati</i>	<i>Swati</i>	<i>Swati</i>
12.	Dr. Anjali Rawani	<i>Anjali</i>	<i>Anjali</i>	<i>Anjali</i>	<i>Anjali</i>
13.	Smt. Sushila Gilhare	<i>Sushila</i>	<i>Sushila</i>	<i>Sushila</i>	<i>Sushila</i>
14.	Dr. Shomorendra Singh	<i>Shomorendra</i>	<i>Shomorendra</i>	<i>Shomorendra</i>	<i>Shomorendra</i>
15.	Dr. Sayeda Parveen Qureshi	<i>Sayeda Parveen</i>	<i>Sayeda Parveen</i>	<i>Sayeda Parveen</i>	<i>Sayeda Parveen</i>
16.	Dr. Shakeel Ahmed Firdousi	<i>Shakeel Ahmed</i>	<i>Shakeel Ahmed</i>	<i>Shakeel Ahmed</i>	<i>Shakeel Ahmed</i>

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17.	Dr. Machhindra Pralhad Nandeshwar				
18.	Smt. Shubha Verma				
19.	Shobha Ram Yadav				
20.	Dr. Latika Bhatia				
21.	Dr. Richa Tikariha				
22.	Dr. Santosh Kumar Pandey				
23.	Hemant Ganweer				
24.	Dr. Vibha Choubey				
25.	Dr. Shashi Gupta				
26.	Shiba				
27.	Dr. Tarun Kumar Patel				
28.	Deepak Kumar Dewangan				
29.	Dr. Rajendra Kochale				
30.	Dr. Vidya Dashrath Kapgate				
31.	Indrabhanu Singh Kanwar				
32.	Madan Waskel				
33.	Neela Das				
34.	Anita Pandey				
35.	Chandrakala Patel				

36.	Dr. Roopshikha Agrawal				
37.	Dr. Mrigendra Kumar Dwivedi				
38.	Dr. Sanjana Bhagat				

Technical Report

Refresher Course in Life Science “with Special Reference to Emerging Trends and Challenges in Life Sciences”

Human Resource Development Centre, Pandit Ravishankar Shukla University, Raipur
December 3-16, 2019

Human Resource Development Centre (HRDC), Pandit Ravishankar Shukla University (PRSU), Raipur, organized the “Refresher Course in Life Science with Special Reference to Emerging Trends and Challenges in Life Sciences” from 3-16 December 2019.

Thirty eight (38) participants attended the Course, out of which sixteen (16) were from outside the Chhattisgarh, notably from Maharashtra, Madhya Pradesh, West Bengal, Uttar Pradesh, and Manipur (Figure-1). Of the twenty (20) resource persons, nine were from outside (Indore - 1, Berhampur - 1, Delhi - 1, Gwalior - 1, Bhubaneswar - 2, Bilaspur - 1, Varanasi - 1, and Sambalpur - 1). Eleven resource persons were from various institutions of Raipur city.

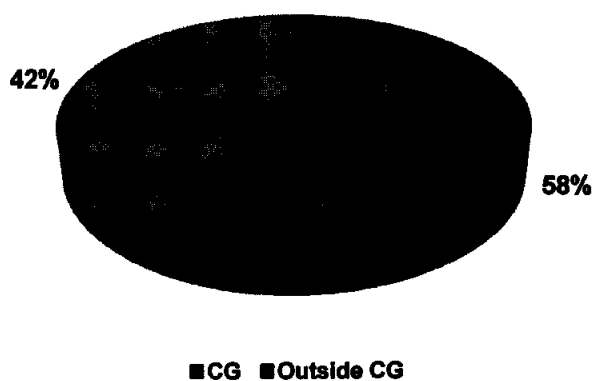


Figure-1: Percentage of participants from outside the Chhattisgarh (CG) and from the Chhattisgarh (CG)

The activity of the Course included thematic lectures (90 minutes each including 30 minutes for discussion and interaction) by resource persons every day. Each day was divided into four sessions. In general, the first two sessions were dedicated for lectures and the last two sessions for other activities, such as microteaching, seminar, project, demonstration of advanced equipments facilities, etc.

The objectives of this Course were to provide the participants with opportunities and resources for their professional and personal enrichment. It helped participants to strengthen their knowledge and encouraged them to initiate fruitful collaborative relationships among themselves and with scholarly resource persons.

Technical Report
Refresher Course in Life Science [December 3-16, 2019]

Week-1 (December 3-9, 2019)

Day 1

On the 1st day (3.12.2019), the Course started with the registration of the participants. The 1st session was informal inaugural session followed by the introduction and interaction of the participants with the Director, Prof. A.K. Gupta, course coordinator, Prof. Arti Parganiha; and the faculty members, HRDC, Dr. Arvind Agrawal and Dr. Brijendra Pandey. Prof. A.K. Gupta welcomed all the participants on behalf of the HRDC, Pt. Ravishankar Shukla University, Raipur. He expressed his views on the importance of the course. He also emphasized about the rules & regulations, discipline, and time-management, which were to be obligatorily honoured by each participant. Prof. Arti Parganiha, course coordinator gave a brief introduction about the Course using the power point presentation and made the participants aware of the entire schedule of the Course and the assignments they were required to carry out during the period of the Course. She also informed the participants about various components/ aspects of the Course. Dr. Arvind Agrawal also addressed the participants.

Lecture session was started after a tea break. The 1st lecture was delivered by Dr. S. Verulkar, Indira Gandhi Agriculture University, Raipur on the topic "DNA based markers and its application." He explained about the common molecular markers and their applications. He focused on practical use of DNA markers, hybrid culture in plants and finger printing techniques in human. Dr. Minakshi Sinha, AIIMS, Raipur delivered the second lecture on "Chronopatterns of metabolic diseases: trends and challenges." She described the importance of time management in daily life. The adverse effect of modern life style on human health was main point of her talk. She explained how the circadian disruption causes serious health threats to mankind in the form of metabolic syndrome, comprising of cumulative cardio-metabolic risk exerted by abdominal obesity, hyperglycemia, high triglyceride, low HDL cholesterol, & hypertension that eventually lead the increased risks of diabetes, cardiovascular diseases, and some types of cancer. She highlighted the significance of chronotherapy, i.e., time dependent treatment of pathological symptoms, which has emerged as potential and effective clinical branch in recent times. Prof. Vibhuti Rai delivered his talk on the "Regulation of carbohydrate metabolism." He talked about the anabolism, catabolism and amphibolism. He focused on enzymatic regulation of glycolysis, gluconeogenesis, TCA cycle, etc. The chairperson of the day was Dr. Shashi Gupta. She introduced all the speakers to the participants and expressed vote of thanks. Reporters of the day were Dr. Richa Tikariha and Dr. Mrigendra Kumar Dwivedi.

Day 2

On 4th December 2019, Prof. Mitashri Mitra, SoS in Regional Studies, PRSU, Raipur, delivered her lecture on "Genetic polymorphism associated with Cancer." She described about the polymorphism, mutation, carcinogenic hazards, leukoplakia etc. She informed that more than

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90% of the diseases are due to the effects of environments and an individual may become susceptible to the environment due to presence of polymorphic alleles of genes. She suggested that the knowledge of prevalence of polymorphic allele in a population could be used for counselling to avoid environment responsible for a disease. The second lecture of the day was delivered by Prof. M.L. Naik (Rtd. Prof.), SoS in Life Science, PRSU, Raipur on the topic 'Biodiversity.' Prof. Naik discussed about the first antibiotic lysozyme, which was discovered by Alexander Fleming. He provided knowledge about various medicinal plants, such as *Artemisia annua* (used to cure malaria), Cordyceps (a fungus found in cold regions), *Diospyros melanoxylon* (Tendu), *Zanthoxylum alatum* (Tejbal), *Cordia macleodii* (Dahiman), Bastar Beer (salfi), etc. He also narrated about the first 'Chipko Movement' for protection of wildlife initiated by Amrita Devi Bishnoi in which about 363 persons were sacrificed. The next lecture was delivered by Prof. Anand Kar, Professor & Head, School of Life Science, Devi Ahilya Vishwavidyalaya, Indore on "Thyroid: a small endocrine gland, but with multiple roles." Prof. Kar explained in details about the thyroid gland and the importance of thyroid hormones like Thyroxin (T4), Triiodothyronine (T3), Thyrocalcitonin and rT3 (a reverse T3). His second lecture on this day was on "Thyroid abnormalities: its etiology & treatment." He gave knowledge about thyroid disorders, such as hypothyroidism and hyperthyroidism in which he explained cretinism, myxedema, simple goiter, hashimoto disease and thyrotoxicosis, grave's disease, exophthalmic goiter, and thyroid cancer and causes of all these disorders. He recommended that various parts of the plants, such as bark, root, and leaf of various plants like *Bacopa monnieri* (Bramhi), *Bauhinia purpurea*, *Withania somnifera* (ashwagandha) etc. can be used for curing thyroid problem. The chairperson of the day was Dr. Sonali B. Dhawas and reporters were Dr. Ranjit Singh and Dr. Manoj Kujur.

Day 3

On 5th December 2019 session was started with the review & reflection of previous day's session. Prof. Anand Kar delivered the first lecture of the day on "Hypertension & high BP: preventive measures." He emphasized the causes of hypertension and suggested preventive measures, such as regular exercise, diet and sleeping time that could be used to lower the risk of high blood pressure. In the second session of the day, Prof. Kar delivered a lecture entitled "Understanding the female reproductive cycle & associated problems" and explained in detail about the common reproductive health problems associated with female reproductive cycle. He also interacted with participants regarding health problems and gave very helpful information. The third session of the day started with a lecture by Dr. M. P. Thakur. He delivered his lecture on "Emerging trends and challenges in mushroom production, processing and value edition." In the last session of the day, the participants visited "National Center for Natural Resources (NCNR)." The participants were benefitted by the demonstration of several facilities and instruments, like PCR, RT-PCR, FTIR, Gel-Doc, PTC-lab, HPTLC, NMR Spectrophotometer, LC-MS-MS System, AAS, UV Spectrophotometer etc. installed in the NCNR. The chairperson

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Refresher Course in Life Science [December 3-16, 2019]

of the day was Mr. Thorat Dinesh Damodhar and reporters were Dr. Pravin Dinkar Patil, Mrs. Vinita Pandey and Mr. Dwarika Prasad Kori.

Day 4

On 6th December 2019 session started with the first lecture delivered by Prof. R.K. Pradhan, School of Studies in Life Science, PRSU, Raipur. Prof. Pradhan gave lecture on "Intellectual Property Rights and patenting procedure." He explained acts related to patenting procedure. He also explained Copyrights, Trademarks and other types of patenting methods. He provided information about Patent Information System, Nagpur and informed that India has four patent offices in Kolkata, Delhi, Chennai, and Mumbai and we follow India Patent act 1970. Prof. K.K. Sahu, School of Studies in Biotechnology, PRSU, delivered the second lecture on the topic "Heavy metals and their management strategies for improved crop production." His emphasis was on the effect of heavy metals on morphological, biochemical and molecular changes in plants. He explained about 'Reactive Oxidation Species (ROS)' and impact of Salicylic acid, and Brassinosteroids on it. He mentioned about the role of Proline and its positive effect on plants. A very interesting role of Melatonin in plants was also explained by him. In the post lunch session, a lecture was delivered by Dr. Brahma Bihari Panda, Professor (Adjunct), Berhampur University, Berhampur, Odisha on the topic "From genetics to genomics - an overview." He delivered his lecture into three phases, first phase on Genetics, second phase on Molecular Biology and third phase on Genomics. He told about the history and journey of genetics starting from Darwin, followed by Mendel and important breakthrough in 1900-1905. He informed the participants that the establishment of the structure of DNA in 1953 was the turning point that marked the beginning of molecular biology. He explained about the discovery of Genetic code, Genes and finally DNA. He also explained the importance of Arabidopsis on account of absence of Junk DNA. In depth information about human genome project and its achievements were also explained by him. The last session of the day was for Microteaching, in which teaching skills of 12 participants were recorded for further assessment. Chairperson of the day was Dr. Purnima Seth. Reporting on the lectures was done by Dr. Sangita Sharma and Mr. Dhande Jivan Sitaram.

Day 5

On 7th December 2019 the first session began with a lecture on "Antimicrobial resistance: Emerging trends and challenges" by Prof. Arvind Neral from Department of Microbiology, Pt. JLNM College, Raipur. Prof. Neral told that the emergence of microbial antibiotic resistance is a major health problem worldwide and is a global emergency. He emphasized how antibiotics act to kill the microorganisms and the mechanisms by which microbes develop resistance against these antibiotics. He explained the importance of "Antimicrobial Stewardship Programme (AMSP)." He said that judicious and rational use of antibiotics is the need of hour. The second session was addressed by Dr. Brahma Bihari Panda. He delivered lecture on "Genetic modifications through transgenic versus genome editing technologies." Professor Panda told that

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transgenic and genome editing technologies are the thirist area of the era. He discussed the technology CRISPR-Cas9, which is adapted from a naturally occurring genome editing system found in bacteria and archaea. Here CRISPR strands for Clustered Regularly Inter-spaced Short Palindromic Repeats and Cas9 for "CRISPR Associated Protein 9. The afternoon sessions were for Microteaching in which teaching skills of 26 participants were recorded for further assessment. Chairperson of the day was Dr. M. Shomorendra Singh; and reporters were Smt. Sushila Gilhare and Dr. Swati Sahu who were assigned to report the various activity of the day.

Day 6

On 9th December 2019, the first resource person was Prof. Madan Mohan Chaturvedi, Department of Zoology, Delhi University, Delhi. He delivered the first lecture on "Design of living system." He showed the pictures of some of the books which are related to evolutionary biology and genetics, and advised the participants to read these books. He stated that Biology begins with the difference between living and non-living system. He said that definition of living system can be explained in two points, i.e., self-organizing and self-reproducing. He explained that the first and foremost important thing is origin of a self-organized cell membrane in respect of origin of life. Water influences the design of all components of living system. He said that water has a hydrolysis activity hence it is miracle that life has originated in water. He mentioned that it is 'Iron-Sulfur World Hypothesis' (a biogenesis), which is responsible for the origin of the membrane Bioenergetics. It is proton-gradients system which is responsible for generating energy in non-living rock-system and also in Mitochondrial membrane (living system). The second lecture of the day was delivered by Prof. Suparna Sen Gupta on the topic "Understanding, detecting and avoiding plagiarism." He said that plagiarism is an intellectual theft. It is ethical offence and IPR violence. He talked about 'MENDELEY' 'URKUND', keyword, abstract, references and paraphrasing. He also talked about UGC regulation-2018, concerning with plagiarism. In the afternoon session Prof. Madan Mohan Chaturvedi delivered his second lecture on the topic "Evolution of genetic material and catalysis." He discussed that why DNA has a double stranded helical structure. He also discussed about evolutionary relationships between RNA, DNA & Protein. In his lecture he dealt with the evolution of Self-duplicating system. He said that the self-duplicating system will depend upon two properties of the molecule, the ability of copy itself, and the ability to catalyse its copying. Both the properties are found to reside in RNA. The life processes evolved around RNA, giving rise to "RNA word hypothesis." In the last session of the day, eleven participants made their seminar presentations on different topics those were evaluated by Prof. R.K. Pradhan, SoS in Life Science, PRSU. Chairperson of the day was Dr. Shakeel Ahmed Firdousi. Reporting of the activities of the day was done by Smt. Shobha Verma and Dr. M.P. Nandeshwar.

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Refresher Course in Life Science [December 3-16, 2019]

Week-2 (December 10-16, 2019)

Day 7

On 10th December 2019, in the morning session, Prof. Madan Mohan Chaturvedi, delivered his third lecture on the topic “Chromatin as regulator of gene expression.” He described basic and advance structure of DNA and chromatin. He also described about methylation, euchromatin and heterochromatin. Prof. Chaturvedi introduced the participants to many new aspects of cytology and genetics, like compaction of DNA, level of chromatin structure, chromosome remodeling etc. He elucidated that in higher order of chromatin organization, the regulatory units in eukaryotes are referred to as “Topologically Associated Domains” (TADs) and explained the process of TADs mapping. In his fourth lecture, entitled “Epigenetics – metabolic regulation of gene expression” Prof. Chaturvedi linked the energetic of metabolism with regulation of gene expression via chromatin structure. He deeply explained the chromatin dynamics, organization of regulation of temporal and spatial gene expression and epigenetic differentiation. He said that the metabolic regulation of gene expression (often viewed as Epigenetic regulation) now explains the mechanism of chronic diseases, such as cancer, diabetes, atherosclerosis, Alzheimer etc. He suggested that the concept of generation of epigenetic marks of histone tails in terms of “Writer, Reader and Eraser” shall be discussed. In the afternoon sessions, 27 participants made their seminar presentations on different topics those were evaluated by Prof. R.K. Pradhan, SoS in Life Sciences, PRSU, Raipur. After completion of the seminar Dr. Pradhan gave important tips and guidance for seminar presentation in a very friendly manner. Chairperson of the day was Dr. Sayeda Parveen Qureshi. Reporting of the day activities was done by Mr. Hemant Ganweer and Mr. Shobha Ram Yadav.

Day 8

On 11th December 2019 the first lecture was delivered by Dr. O.P. Agrawal, former Vice-Chancellor, Jiwaji University, Gwalior and Retired Professor, School of Studies in Zoology, Jiwaji University, Gwalior, on the topic “Significance of vermicycling of waste in sustainable development.” The lecture of Professor Agrawal was based on different vermicultural methods and manure formation. He also explained about microbial fermentation for increasing the crop production. Prof. Agrawal explained his lecture in easy and interesting way. The second lecture of Prof. Agrawal was on the topic “Emerging trends and future prospects in spirulina superfood biotechnology.” This lecture was based on single celled protein. He also explained the different properties of spirulina as well as different methods to cure the protein, iron and vitamin deficiencies. Both the lectures of Prof. Agrawal were very interesting and beneficial for the peoples. Dr. G.B.N. Chainy, former professor and Head, P.G. Department of Biotechnology, Utkal University, Bhubaneswar, was the second resource person of the day. His topic was “Crazy human brain.” Prof. Chainy explained the structure of brain and different activities of

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human brain, such as emotional expressions, memory and controls. He raised several questions in his talk, such as how brain recognizes a word, letter, number, places, faces and objects? Where it is stored in brain? How it recollects it? How does it compare two numbers or two colours or two words? How it makes a sensible sentence so that other one can understand it? How does brain distinguishes literal and absolute meaning of a word? Whether it processes information simultaneously or sequentially? How it senses with time? Can we read a mind? Is brain of a male is different from that of a female? How it takes decision? Can brain become confused? He discussed all these questions and explained it very elegantly. His lecture was very interesting and knowledgeable and the session was very interactive. The last session of the day was given to the participants for project preparation. Chairperson of the day was Dr. Santosh Kumar Pandey and reporting was done by Dr. Vibha Choubey, Ms. Shiba and Mrs. Chandrakala Patel.

Day 9

On 12th December 2019, in the morning session, Prof. G.B.N. Chainy continued his lecture on "Crazy human brain" in which he unveiled the development of understanding and the functioning of human brain. He shared the contribution of Roger Wolcott Sperry (1913-1994) based on his Split Brain experiment. After the experiment, Sperry explained the role of optic chiasm and commissure for sharing the information which were collected from the eyes or optic nerves. For his contribution to the understanding the functionality of both of the hemisphere of human brain Sperry owned the renowned Nobel Prize. Further, Prof. Chainy explained the work of Wilder Penfield (1891-1976), i.e., association of human brain and expression of emotion in different situations. VS Ramachandran explained the role of hippocampus region of brain. Stan Dehaene discovered that the inferior temporal gyrus is responsible for the number sense. After the lecture participants asked a number of questions related with the brain functionality and human behaviour. On the second session of the day Prof. S. P. Adhikary, Former Vice-chancellor, FM University, Odisha and Former Professor, Department of Biotechnology, Visva-Bharati, currently at Bhubaneswar, delivered a lecture on "Stress adaptation mechanism and survival strategies of terrestrial biofilms: with reference to cyanobacteria on stone surfaces of monuments." In his lecture he described about the various types of cyanobacteria found on different habitats specially those which were grown upon rocks and archeologically important monuments and sculptures. He said that the biofilm formed by the bacteria protects them during the drought condition. The chemical compounds present in the biofilm can be used for the formation of UV protective cosmetic products but the limitation is non-culturability of cyanobacteria in *in vitro* condition. Further he explained that the cyanobacteria growing over the monuments and sculptures deteriorate these structures and reduces their life. Thereafter, he suggested the method of protection of sculptures using blue/green light during daytime and UV light treatment at night. In the afternoon session, Prof. Keshari Lal Verma, Honourable Vice Chancellor, Pt. Ravishankar Shukla University, Raipur addressed the participants of the Course. In this session, assessment of the Microteaching was carried out and was evaluated by Prof. V.

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Rai. At the end of all sessions the Chairperson Dr. Anjali Rawani gave vote of thanks on behalf of all the participants and HRDC, PRSU. Reporting of the day was done by Dr. Tarun Kumar Patel and Mr. Deepak Kumar Dewangan.

Day 10

On 13th December 2019, in the morning session, Prof. S.P. Adhikary delivered the first lecture on “Cyanophyceae/ cyanoprokaryota or cyanobacteria? Techniques: how it was established with cell fractionation?” Prof. Adhikary explained about the study of small living things (microorganisms) with the help of various microscopes. He described the similarities of several characteristics of blue green algae and bacteria that lead them to place in the same super kingdom: PROCARYOTA. In addition, he informed that studies on the ultrastructure of the cell wall and cell envelope, and their chemical composition strengthened the nomenclature of these organisms as Cyanobacteria. He gave knowledge on performing the Probes for protein, nucleic acid, irons, oxidation state and organelle specific probe. Prof. Adhikary also explained about cell fractionation process. The second lecture of the day was also delivered by Prof. S.P. Adhikary on topic “Biofertilizers for organic Farming: Cyanobacteria biofertilizer for rice cultivation – establishment of industry for self employment in rural areas.” Prof. Adhikary explained about the various bacterial and algal members and the process of nitrogen fixation. He further explained about Nod gene of *Rhizobium* and Heterocyst. He gave knowledge about the measurement of nitrogenase activity. He also explained about the preparation of blue green algae (popularly known as BGA or cyanobacteria) and *Azolla* biofertilizers for rice cultivation and its importance in rural area. In the last two sessions, all 12 groups presented their project work that they carried out during this Course. Prof. M. Mitra evaluated their project work. Chairperson of the day was Dr. Rajendra Kochale and reporters were Dr. Vidya Dashrath Kapgatee and Mr. Indrabhanu Singh Kanwar.

Day 11

On 14th December 2019, in the morning session, the first session of the day was dedicated to the test based on MCQs. The participants appeared at the test very enthusiastically. The second and the post-lunch sessions of the day were very enlightening as two eminent resource persons delivered very informative and scholarly lectures on interesting topics. The first resource person Prof. Jagat Kumar Roy, Professor & Head, Department of Zoology, Banaras Hindu University, Varanasi, spoke on a very interesting topic “Your genes talk about your health.” Prof. Roy elegantly emphasized the correlation between genetic disorder and disease. Prof Roy also threw light on point mutation and chromosomal mutations. He explained the patterns on inheritance of genetic disease and gave examples of haemophilia and sickle cell anemia. Prof. Roy also explained the method of detecting sickle cell anemia by RFLP. He highlighted that cancer is a genetic disease, which arises due to individual’s genetic susceptibility to carcinogens. Mutations in three major classes of genes contribute to tumorigenesis: these are proto-oncogenes, tumor

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suppressor genes, and DNA repair genes. In the afternoon session, Prof. Roy delivered his second lecture on "Pattern formation during development." He explained that in the course of development the single cell divides repeatedly and gets differentiated into different cell types. The genomes of differentiated cells remain the same; it is the pattern of gene expression that changes. Using various examples, such as *Dictyostelium discoideum*, *Caenorhabditis elegans*, *Drosophila melanogaster* he illustrated the genetic control of body pattern formation. He said that by identifying the *Hox* genes and other pattern forming genes by studying their pattern of expression in connection with development and differentiation we are now beginning to understand the genetic basis of pattern formation in vertebrates. In the last session, Dr. Rohit Seth, Department of Zoology, Guru Ghasidas University, Bilaspur, delivered an enlightening lecture on "Obesity studies in human and alternative models." Prof. Seth spoke in details about the role of CNS in regulation of food intake and hormonal regulation of food and Leptin (LEP) resistance. He also talked about ob/ob gene in context of obesity. He said that recent researches have pointed out the importance of studying the gut microbiota in obese individuals. The gut microbiota is reported to be responsible for the development of LEP resistance. Dr. Seth also discussed satiety signals. He informed that animal models, such as mice, zebrafish, and fruit fly may serve as good models for research on the normal and dysfunctional regulation of appetite and used for diabetes and obesity studies. Both the resource persons spoke on very relevant topic and presented their views convincingly. Their lectures widened the participant's knowledge horizon and were immensely benefited by their discourse. Chairperson of the day was Dr. Latika Bhatia and reporters were Dr. Madan Waskel and Ms. Anita Pandey.

Day 12

On 16th December 2019, the first lecture of the day was delivered by Prof. A.K. Pati, Vice Chancellor, Gangadhar Mehar University, Sambalpur, Odisha, on the topic "Why should we know about our internal clocks?" All participants interacted with Prof. Pati very enthusiastically as the topic was new to them. Prof. Pati discussed about the chronobiological arrow of time. He told that earlier we think that clock is situated in brain only but now it has been proved that every cell has a biological clock. He explained with examples about types of biological rhythms, properties of circadian rhythms, and best marker rhythms. He highlighted that patients with cancer or any other severe diseases have the disturbed circadian rhythm. He said that circadian rhythm has wide implications for human health and welfare. He demonstrated the importance of time for the treatment (chronotherapy) of these severe diseases. Life span of the patients can be increased if drugs are given to them according to their biological clock. In fact, it was an interactive session in which participants also actively participated in the discussion. The second lecture was also delivered by Prof. Pati. The title of the lecture was "Research under constraints: good or bad." The lecture was related to research all about. He explained with examples how good science can be practiced with no to very minimum input. He narrated his own story revealing the way he carried out research under constraints and limitations. He motivated the

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participants to do research in few resources and gave innovative ideas. He resolved queries of participants. In a nutshell, the two lectures delivered by Prof. Pati were indeed innovative in their essence and content. The third lecture of the day was delivered by Prof. S.K. Jadhav, SoS in Biotechnology, PRSU, on “Biofuels.” He described that bioenergy is energy derived from biofuels. He also explained about Jatropha plant seeds which are very rich in oil. Therefore, it is used as biofuel. Bioethanol is also produced from rice bran. Chairperson of the day was Dr. Neela Das and reporters were Dr. Roopshika Agrawal and Dr. Sanjana Bhagat.

On the last session of the day as well as of the Refresher Course, a concluding/ valedictory session was organized for the participants. In this session, Prof. A.K. Pati, Prof. A.K. Gupta and Prof. Arti Parganiha addressed the participants. The participants gave their oral feedback on the various aspects of the Refresher Course. At the end of the program, Prof. A.K. Pati and Prof. A.K. Gupta distributed the certificates to all participants for attending the Refresher Course in Life Science.

Feedback by participants

The participants of the Course gave their feedback on: (1) about the program, and (2) lectures delivered by the resource persons. The higher score of the scale for ‘about the program’ was 500; and score for the ‘lectures delivered by resource persons (RP)’ was 60. RP1 to RP20 were: Dr. S.B. Velrulkar, Dr. Meenakshi Sinha, Dr. Vibhuti Rai, Prof. Mitashri Mitra, Prof. M.L. Naik, Prof. Anand Kar, Prof. M.P. Thakur, Prof. R.K. Pradhan, Prof. K.K. Sahu, Prof. Brahma Bihari Panda, Prof. Arvind Neral, Prof. Prof. M.M. Chaturvedi, Prof. Suparna Sen Gupta, Prof. OP Agrawal, Prof. G.B.N. Chainy, Prof. S.P. Adhikary, Dr. Rohit Seth, Prof. Jagat Roy, Prof. A.K. Pati, and Prof. SK Jadhav. Overwhelming responses from the participants were received, which was indicated by the high level of the scores.

The relative impact of the program has been depicted in Figure-2.

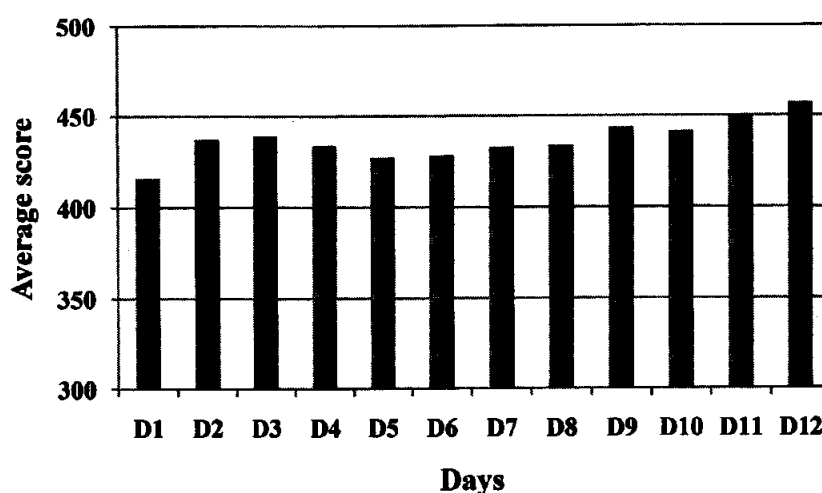


Figure-2: Relative impact of the program [based on feedback from the participants]

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Schedule of Activity of the Refresher Course

Week-I								
Date	09:30-10:30	10:30-11:30	11:30-12:00	12:00-13:30	13:30-14:15	14:15-15:45	15:45-16:00	16:00-17:30
Tuesday 3.12.2019	Registration	Inaugural Session/ Interaction with Director and Course Coordinator	Tea break	Lecture 1 (SBV)	Lunch	Lecture 2 (MS)	Tea break	Lecture 3 (VR)
Date	09:45-10:15	10:15-11:45	11:45-12:00	12:00-13:30	13:30-14:15	14:15-15:45	15:45-16:00	16:00-17:30
Wednesday 4.12.2019	Review & Reflection	Lecture 4 (MM)	Tea break	Lecture 5 (MLN)	Lunch	Lecture 6 (AK)	Tea break	Lecture 7 (AK)
Thursday 5.12.2019	Review & Reflection	Lecture 8 (AK)		Lecture 9 (AK)		Lecture 10 (MPT)		Visit to NCNR
Friday 6.12.2019	Review & Reflection	Lecture 11 (RKP)		Lecture 12 (KKS)		Lecture 13 (BBP)		Micro-teaching
Saturday 7.12.2019	Review & Reflection	Lecture 14 (BBP)		Lecture 15 (AN)		Micro-teaching		Micro-teaching
Monday 9.12.2019	Review & Reflection	Lecture 16 (MMC)		Lecture 17 (SSG)		Lecture 18 (MMC)		Seminar
Week-II								
Tuesday 10.12.2019	Review & Reflection	Lecture 19 (MMC)	Tea break	Lecture 20 (MMC)	Lunch	Seminar	Tea break	Seminar
Wednesday 11.12.2019	Review & Reflection	Lecture 21 (OPA)		Lecture 22 (OPA)		Lecture 23 (GBNC)		Project preparation
Thursday 12.12.2019	Review & Reflection	Lecture 24 (GBNC)		Lecture 25 (SPA)		Micro-teaching assessment		Micro-teaching assessment
Friday 13.12.2019	Review & Reflection	Lecture 26 (SPA)		Lecture 27 (SPA)		Project Evaluation		Project Evaluation
Saturday 14.12.2019	Review & Reflection	Lecture 28 (JKR)		Lecture 29 (JKR)		Lecture 30 (RS)		MCQ Test
Monday 16.12.2019	Review & Reflection	Lecture 31 (AKP)		Lecture 32 (AKP)		Lecture 33 (SKJ)		Valedictory ceremony & Certificate Distribution

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People as Resource Persons with Titles of Talks

S. No.	Name of Resource Person	Affiliation	Title of talk
1.	Dr. S.B. Velrulkar, Prof. & Head	Department of Plant Molecular Biology & Biotechnology, Indira Gandhi Krishi Vishwavidyalaya, Raipur	DNA based markers and its applications
2.	Dr. Meenakshi Sinha, Additional Professor	Department of Physiology, All India Institute of Medical Sciences, Raipur	Chronopatterns of metabolic diseases : Trends & challenges
3.	Dr. Vibhuti Rai, Retd. Professor	SoS in Life Science, Pt. Ravishankar Shukla University, Raipur	Regulation of carbohydrate metabolism
4.	Prof. Mitashri Mitra, Prof. & Head	Sos in Regional Studies, Pt. Ravishankar Shukla University, Raipur	Genetic polymorphism associated with Cancer
5.	Prof. M.L. Naik, Retd. Professor	SoS in Life Science, PRSU, Raipur	Biodiversity
6.	Dr. Anand Kar, Professor and Head	School of Life Sciences, Devi Ahilya Vishwavidyalaya, Indore	<ol style="list-style-type: none"> 1. Thyroid: a small endocrine gland, but with multiple roles 2. Thyroid abnormalities: its etiology & treatment 3. Hypertension & High BP: Preventive measures 4. Understanding the female reproductive cycle & associated problems
7.	Prof. M.P. Thakur	Indira Gandhi Krishi Vishwavidyalaya, Raipur	Emerging trends and challenges in mushroom production, processing and value edition
8.	Prof. R.K. Pradhan	SoS in Life Science, Pt. Ravishankar Shukla University, Raipur	Intellectual Property Rights and patenting procedure
9.	Prof. K.K. Sahu	SoS in Biotechnology, Pt. Ravishankar Shukla University, Raipur	Heavy metals and their management strategies for improved crop production
10.	Dr. Brahma Bihari Panda, Professor (Adjunct)	Department of Botany, Berhampur University, Berhampur, Odisha	<ol style="list-style-type: none"> 1. From genetics to genomics - an overview 2. Genetic modifications through transgenic versus genome editing technologies
11.	Prof. Arvind Neral	Department of Microbiology, Pt. J.N.M. Medical College, Raipur	Antimicrobial resistance - Emerging trends and challenges
12.	Prof. Madan Mohan Chaturvedi	Department of Zoology, University of Delhi (North Campus), Delhi	<ol style="list-style-type: none"> 1. Design of living system 2. Evolution of genetic material and catalysis 3. Chromatin as regulator of gene expression 4. Epigenetics – metabolic regulation of gene expression

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13.	Prof. Suparna Sen Gupta	Librarian, Pt. Ravishankar Shukla University, Raipur	Understanding, detecting and avoiding plagiarism
14.	Prof. OP Agrawal, Former Vice Chancellor	Jiwaji University, Gwalior and Retired Professor, School of Studies in Zoology, Jiwaji University, Gwalior	<ol style="list-style-type: none"> 1. Significance of vermicomposting of waste in sustainable development 2. Emerging trends and future prospects in spirulina superfood biotechnology
15.	Dr. G.B.N. Chainy, Former Professor and Head	P.G. Department of Biotechnology, Utkal University, Bhubaneswar	<ol style="list-style-type: none"> 1. Crazy human brain – Part I 2. Crazy human brain – Part II
16.	Dr. Siba Prasad Adhikary, Former Professor	Department of Biotechnology, Visva-Bharati (A Central University), Santiniketan Current address, Bhubaneswar	<ol style="list-style-type: none"> 1. Stress adaptation mechanism and survival strategies of terrestrial biofilms: with reference to cyanobacteria on stone surfaces of monuments 2. Cyanophyceae/ cyanoprokaryota or cyanobacteria? Techniques: how it was established with cell fractionation? 3. Biofertilizers for organic Farming: Cyanobacteria biofertilizer for rice cultivation – establishment of industry for self employment in rural areas
17.	Prof. Jagat Roy, Professor & Head	Department of Zoology, Banaras Hindu University, Varanasi	<ol style="list-style-type: none"> 1. Your genes talk about your health 2. Pattern formation during development
18.	Dr. Rohit Seth	Department of Zoology, Guru Ghasidas Vishwavidyalaya, Bilaspur	Obesity studies in human & alternative models
19.	Prof. A.K. Pati, Vice Chancellor	Gangadhar Meher University, Amruta Vihar, Sambalpur, Odisha	<ol style="list-style-type: none"> 1. Why should we know about our internal clocks? 2. Research under constraints: Good or bad?
20.	Prof. SK Jadhav	SoS in Biotechnology, Pt. Ravishankar Shukla University, Raipur	Biofuels

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Responses of the participants on lectures of resource persons (average score) have been depicted in Figure-3.

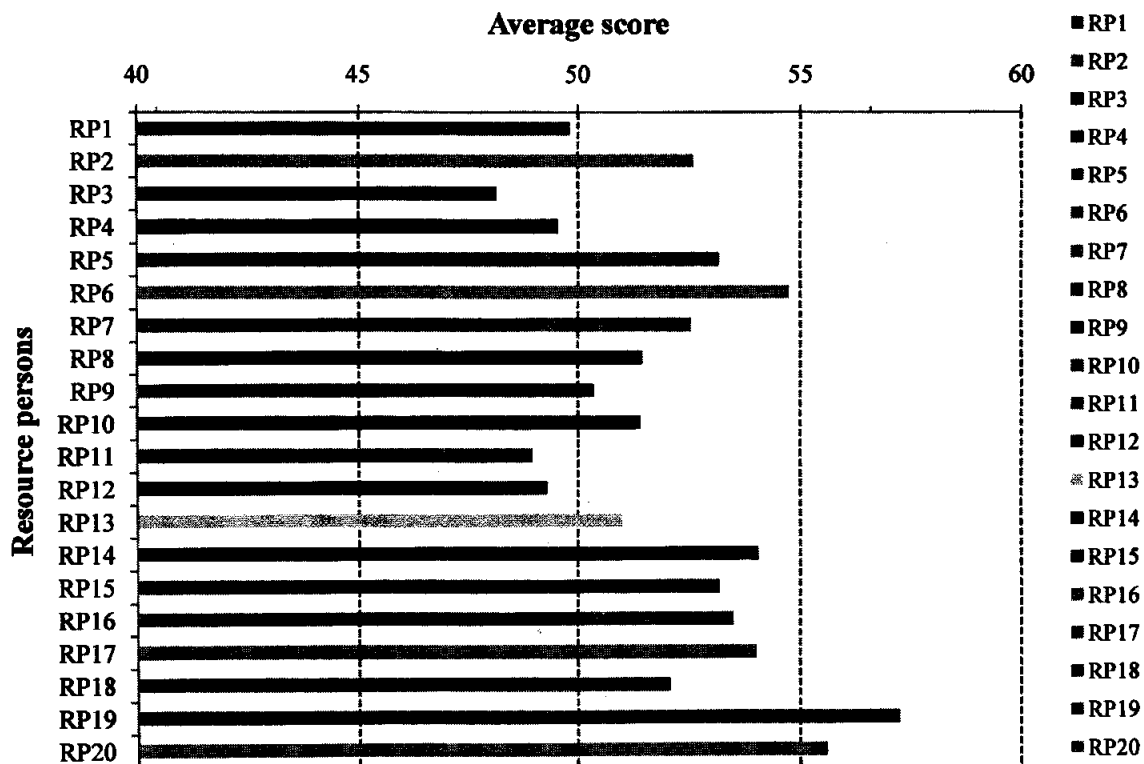
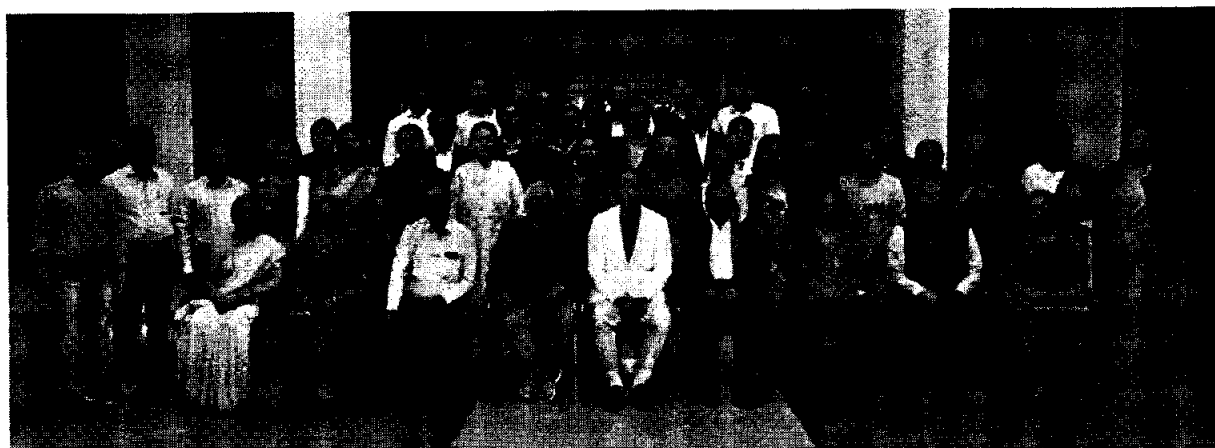


Figure-3: Responses of the participants for resource persons [average score based on feedback from the participants]



Participants of the Refresher Course with honourable Vice Chancellor, PRSU, Prof. Keshari Lal Verma; Director, HRDC, Prof. A.K. Gupta, and Course Coordinator, Prof. Arti Parganiha

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All the participants rated this Course as excellent. They appreciated a lot the activities of the Course. The outstation participants also appreciated the Lodging & Boarding facility in the premises of HRDC; however, they mentioned some problems related to unavailability of food on the same premises. All the participants showed keen interest in participating in the future programs of the HRDC, PRSU, Raipur.

Voice of the participants

1. Number of lectures and other activities should be minimized; for two weeks program it is too much hectic.
2. Lectures on statistical tools and analysis should also be included.
3. More time should be given for the preparation of project work and seminars.
4. Field trips should be organized for the outstation participants on holidays.
5. Assessment of microteaching should be done simultaneously during recording to save the time.
6. Mess facility should be there on the premises of HRDC.

(Prof. Arti Parganiha)
Course Coordinator

पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर (छत्तीसगढ़)

आज के हिंदी साहित्य में वैचारिक विमर्श महत्वपूर्ण है। इन विमर्शों से स्थापित मानव मूल्य को नई दिशा दे रहे हैं। साहित्य का संसार संवेदनात्मक है इसलिए अब दलित, स्त्री, आदिवासी, किसान, बाल, वृद्ध, किन्नर और विकलांग आदि विमर्श साहित्य के केंद्र में हैं। ये ज्ञानात्मक विमर्श संवेदना के धरातल पर रचनाकार एवं पाठक को नया अनुभव देते हैं, जिनकी उत्तर आधुनिकता के इस दौर में महती आवश्यकता है। हमें हर्ष है कि हिंदी के उच्च अध्ययन-अध्यापन एवं शोध से जुड़े संकाय सदस्य इस अकादमिक पाठ्यक्रम कार्यक्रम 'हिंदी साहित्य : आधुनिक विमर्श' से लाभान्वित होंगे।

// आवेदन आमंत्रित //

पुनश्चर्या पाठ्यक्रम - 'हिंदी साहित्य : आधुनिक विमर्श'

04/12/2019 से 17/12/2019

प्रतिभागी : महाविद्यालय/विश्वविद्यालय शिक्षक (हिंदी)

संपर्क : डॉ. मधुलता बारा, साहित्य एवं भाषा-अध्ययनशाला, पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर (छत्तीसगढ़), मोबाइल नं. : 94255-42755, ई मेल : madhubara23@gmail.com

उद्देश्य : इस पुनश्चर्या पाठ्यक्रम का उद्देश्य मुख्यतः यू. जी. सी. द्वारा निर्धारित किए गए चार घटकों का परस्पर क्रियान्वयन करना है। ये चार घटक हैं -

- 1 समाज, पर्यावरण विकास एवं शिक्षा के मध्य संपर्क की जागरूकता एवं समन्वय।
- 2 शिक्षा का दर्शनशास्त्र, भारतीय शैक्षणिक प्रणाली एवं शिक्षाशास्त्र/शिक्षा तकनीक।
- 3 संसाधन अभिाता/जागरूकता एवं ज्ञानोत्पत्ति।
- 4 प्रबंधन एवं व्यक्तित्व विकास।

लक्षित समूह : विश्वविद्यालय/महाविद्यालय के हिंदी संकाय के समस्त स्थायी/अंशकालिक/तदर्थ/अस्थायी/संविदा प्राध्यापक इस कार्यक्रम में भाग लेकर लाभान्वित हो सकते हैं।

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संपर्क : 9754233057, 9827159831

Website : prsu.ac.in

पंजीयन शुल्क : Rs. 1000/- का DD जो Registrar, Pt. Ravishankar Shukla University, Raipur के नाम पर बना होना चाहिए। Drown at State Bank of India, R.S.U. Branch.

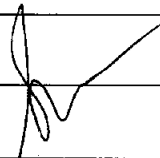
स्थान : HRDC, Pt. Ravishankar Shukla University, Raipur, (C. G.)

प्रतिभागिता : इस कार्यक्रम में भाग लेने के इच्छुक विश्वविद्यालयीन/महाविद्यालयीन प्राध्यापकगण ऊपर दिए गए (उपर्युक्त) ईमेल पर आवेदन कर सकते हैं। उन्हें अपने नाम, पदनाम, विषय, संस्था एवं आवास सुविधा की आवश्यकता है या नहीं इसकी जानकारी देनी होगी। प्रतिभागी के रूप में उपस्थित होने पर उन्हें HRDC के आवेदन-पत्र को भरना होगा एवं अपनी संस्था से कार्यमुक्त अनुमति प्रमाण-पत्र (Reliving Certificate) लाना होगा। उन्हें UGC के नियमानुसार यात्रा भत्ता (TA) का भुगतान किया जाएगा।

Refresher Course - Hindi
(04/12/2019 to 17/12/2019)

List of Participants

S. No.	Name of Participants & Name of College/University
01.	Ugren Kumar Sahu Govt. College, Bhairamgarh (C.G.)
02.	Leena Dehariya Govt. College, Lodhikheda, Chhindwara (M.P.)
03.	Gavaskar Kaushik Govt. Shahid Babu Rao P.G. College, Sukma (C.G.)
04.	Narendra Kumar Saluja Rajiv Gandhi Govt. Arts & Commerce College, Lormi (C.G.)
05.	Dr. Manjula Pandey Govt. J.P. Verma P.G. Arts & Commerce College, Bilaspur (C.G.)
06.	Dr. Balmiki Sahu Govt. Naveen College, Kharora (C.G.)
07.	Dr. Kusum Madhuri Toppo New Govt. College, Kansabel (C.G.)
08.	Dr. Rita Yadav Govt. D.K.P.G. College, Balodabazar (C.G.)
09.	Dr. Aarti Borker Govt. D.K.P.G. College, Balodabazar (C.G.)
10.	Fakir Mastan Shah Mahbub Shah N.M.D. College, Gondia (M.S.)
11.	Meenakshi Sandilya Govt. Minimata Girls College, Korba (C.G.)
12.	Ghanshyam Prasad Yadu Govt. Rajeevlochan P.G. College, Rajim (C.G.)
13.	Dr. Nilabh Kumar Govt. Science College, Ambikapur (C.G.)
14.	Dr. Vijaylaxmi Shastri Rajeev Gandhi Govt. P.G. College, Ambikapur (C.G.)
15.	Dr. Shubha Tiwari Govt. R.N.M. College, Bhatgaon (C.G.)
16.	Dinbandhu Nirala Govt. Naveen College, Samoda (C.G.)
17.	Dr. Malti Solanki Swami Vivekanand Govt. P.G. College, Harda (M.P.)
18.	Dr. Sharmila Chouhan B.S.P.G. College, Jaora (M.P.)
19.	Sitaram Anare Govt. College, Khategaon (M.P.)
20.	Dr. Keshar Sharma Govt. College, Badnawar (M.P.)
21.	Dr. Patil Abhimanyu Narsingrao Vai Dhunda Maharaj Degloorkar Mahavidyalaya, Degloor (M.S.)
22.	Dr. Rajeshwari Markam Govt. Degree College, Bhua-Bichhiya (M.P.)


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23.	Dr. Praveen Kumar Sahu Govt. Nemichand Jain College, Dallirajhara (C.G.)
24.	Dr. Lalchand Sinha Govt. Naveen College, Thelkadih (C.G.)
25.	Dr. Uttam Rajaram Alatekar Prof. Sambhajirao Kadam College, Deur (M.S.)
26.	Dr. Shinde Prakash Bhagwanrao Pansare Mahavidyalaya, Arjapur (M.S.)
27.	Smt. Pratima Chandrakar Chandrapal Dadsena Govt. College, Pithora (C.G.)
28.	Namrata Dhruw N.R.M. Govt. Girls College, Dhamtari (C.G.)
29.	Dr. Jadhav Devidas Bhimrao Pansare Mahavidyalaya Arjapur (M.S.)
30.	Dr. Shashi Bhushan Mishra Govt. Girls P.G.College, Banda (U.P.)
31.	Devanand Borker, Govt. Naveen College Mopka, Nipnia (C.G.)
32.	Dr. Hemant Pal Ghrtilahare Govt. College, Sanawal (Balrampur) (C.G.)
33.	Dr. Mridula Singh Holy Cross Women's College, Ambikapur (C.G.)
34.	Mrs. Sunita Vikram Koshle Govt. SVNS College Biligarh (C.G.)
35.	Piyush Kumar Govt. College, Ramchandrapur (C.G.)
36.	Dr. Jaipal Singh Prajapati Dept. of Hindi, Pt. Sundarlal Sharma (Open) University Chhattisgarh, Bilaspur (C.G.)


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Refresher Course in Teacher Educator (January 03-16, 2020)

Organized by
**UGC - Human Resource Development Centre
Pt. Ravishankar Shukla University, Raipur 492010
Chhattisgarh, India**



Course Coordinator- Prof. C.D. Agashe
(Applications will be received till December 20, 2019)

Objective: A refresher course for teachers as an educator is envisaged with the aim to focus on issues like, Quality and Excellence: Challenges for Higher Education; quality management in higher education; quality education at affordable cost; higher education as service for human development; restructure organization management and culture for quality education; resource management; public private partnership in education; establishing global standard of research; effective curriculum design based on future employment; evaluation process for educational institutions; development of academic infrastructure and labs; incorporating experiential learning in higher education and social issues. The participants of various faculties will be exposed to thematic lectures, group discussion and interaction. They will be assessed through power point presentation, project work, teaching skills and class test.

Raipur and its Surroundings: Raipur is the capital of 26th Indian state, Chhattisgarh. Raipur is a major commercial hub for trade and commerce. It is growing leaps and bounds with a population of ≈ 2 million, spread over ≈ 300 km². It is encircled by Mahanadi in the east, Maikal hills in the north-west, Chota Nagpur Plateau in the north and northeast, and the dense forests of Bastar plateau in the south. Raipur has a tropical wet and dry climate; temperatures remain moderate throughout the year, except from March to June, which is extremely hot. It is well connected by Air, Rail and Road. The details of the University and HRDC can be searched from www.prsu.ac.in

Target Group: All regular faculties of Universities/ Colleges that are included under section 2 (f) of the UGC act. The teachers of the colleges affiliated to the University for at least five years can participate.

Contact Email: hrdcprsu@gmail.com

Contact: 9425503534; 9754233057; 9827159831

Registration fee: Rs. 1000.00 has to be paid through DD payable in favour of The Registrar, Pt. Ravishankar Shukla University, Raipur drawn at State Bank of India, RSU Branch, Raipur.

Participation: Interested and Eligible College/ University teachers can apply through email mentioning their name, designation, subject, Institution etc and requirement of accommodation, if any. However, they will be required to submit the HRDC application form duly forwarded by the Head of institution and produce relieving certificate from their Institution when they come for participation. They will be paid TA as per UGC rules.

**Refresher Course – Teacher Educator
(03/01/2020 to 16/01/2020)**

List of Participants

S. No.	Name of Participants & Name of College/University
01.	Dr. Narikimelli Pramod Kumar Dept. of Education, Mizoram University, Aizowl (Mizoram)
02.	Dr. Shubhangi Dongre P.P. College of Education, Gondia (M.S.)
03.	Dr. Shikha Shrivastava Indira Gandhi Govt. Arts & Commerce College, Vaishali Nagar, Bhilai (C.G.)
04.	Dr. Kiran Ramteke Indira Gandhi Govt. Arts & Commerce College, Vaishali Nagar, Bhilai (C.G.)
05.	Dr. Umesh Balaji Kosurkar Shankarlal Agrawal Science College, Salekasa (M.S.)
06.	Namrata Shrivastava Govt. K.H. College, Abhanpur (C.G.)
07.	Dr. Kirti Shrivastava Govt. K.H. College, Abhanpur (C.G.)
08.	Dr. Ujjwala Dhananjay Sadaphal Swavalambi College of Education, Dhantoli (Wardha) (M.S.)
09.	Dr. Suresh Kumar Patel Govt. Digvijay P.G. Autonomous College, Rajnandgaon (C.G.)
10.	Bhuneshwar Ram Verma Govt. Nagarjuna P.G. College of Science, Raipur (C.G.)
11.	Dr. Arun Kumar Nayak R.M.D. College of Agriculture & Research Station, Ambikapur (C.G.)
12.	Dr. Shailendra Kumar S. o. S. in Anthropology, Pt. Ravishankar Shukla University, Raipur (C.G.)
13.	Dr. Dipti Thakur S. o. S. in Mathematics, Pt. Ravishankar Shukla University, Raipur (C.G.)
14.	Doojram Tandan Govt. Indru Kenwat Girls College, Kanker (C.G.)
15.	Lokesh Kumar Satpathi Govt. Naveen College, Gudhiyari, Raipur (C.G.)
16.	Rakesh Kumar Sonkar Govt. P.G. College, Kurud (C.G.)
17.	Mahendra Gulabrao Thakare Arts, Commerce & Science College, Tukum, Chandrapur (M.S.)
18.	Dr. Chandrashekhar I. Gitte SSPM'S Mahila Mahavidyalaya, Nagpur (M.S.)
19.	Bhuneshwar Rai Govt. D.B.D.K.P.G. College, Balodabazar (C.G.)
20.	Dr. Govind Prasad Sahu Center for Basic Sciences, Pt. Ravishankar Shukla University, Raipur (C.G.)
21.	Srirupa Mahalanabis Barabazar Bikram Tudu Memorial College, Barabazar, Barabhum, Purulia (W.B.)
22.	Nikesh Vitthal Lokhande Shri Govindrao Munghate Arts & Science College, Kurkheda (M.S.)

23.	Bhaskar Vinayak Tupte Shri Govindrao Munghate Arts & Science College, Kurkheda (M.S.)
24.	Pramod Dnyanba Khirade G.N. College of Science, Ballarpur (M.S.)
25.	Soma Lohar Mahatma Gandhi College, Lalpur (W.B.)
26.	Dr. Smita Sharma Center for Basic Sciences, Pt. Ravishankar Shukla University, Raipur (C.G.)
27.	Smt. Soumya Ramteke Govt. Naveen College, Birgaon, Raipur (C.G.)
28.	Dinesh Malviya Govt. J.Y. Chhattisgarh College, Raipur (C.G.)
29.	Suresh Kumar Govt. J.Y. Chhattisgarh College, Raipur (C.G.)


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ORIENTATION PROGRAM

07.01.2020 to 27.01.2020

Organized by

Human Resource Development Centre
Pt. Ravishankar Shukla University, Raipur 492010
Chhattisgarh, India

Course Coordinator: Dr. Arvind Agrawal

Applications will be received till December 20, 2019



Objective: The Orientation program is being organized with the intention to inculcate in the young assistant professors the quality of self-reliance through awareness of the social, intellectual and moral environment as well as to discover the self-potential and confidence. The orientation programs contributes to the teacher awareness of the problems of the Indian society and the role of education pedagogy, higher education leaders and educators in the resolution of these problems to achieve desired goals in national development.

Raipur and its Surroundings: Raipur is the capital of 26th Indian state, Chhattisgarh. Raipur is a major commercial hub for trade and commerce. It is growing leaps and bounds with a population of ≈ 2 million, spread over ≈ 300 km². It is encircled by Mahanadi in the east, Maikal hills in the north-west, Chota Nagpur Plateau in the north and northeast, and the dense forests of Bastar plateau in the south. Raipur has a tropical wet and dry climate; temperatures remain moderate throughout the year, except from March to June, which is extremely hot. It is well connected by Air, Rail and Road. The details of the University and HRDC can be searched from www.prsu.ac.in

Target Group: All regular faculties of Universities/ Colleges that are included under section 2 (f) of the UGC act. The teachers of the colleges affiliated to the University for at least five years can participate.

Contact Email: hrdcprsu@gmail.com; dr.arvind02@gmail.com; brijpandey09@gmail.com

Cell: 9754233057; 9827159831

Registration fee: Rs. 1000.00 has to be paid through DD payable in favour of The Registrar, Pt. Ravishankar Shukla University, Raipur drawn at State Bank of India, RSU Branch, Raipur.


Participation: Interested and Eligible College/ University teachers can apply through email mentioning their name, designation, subject, Institution etc and requirement of accommodation, if any. However, they will be required to submit the application form of HRDC duly forwarded by the Head of institution and produce relieving certificate from their Institution when they come for participation. They will be paid TA as per UGC rules.

**Orientation Program
(07/01/2020 to 27/01/2020)**

List of Participants

S. No.	Name of Participants & Name of College/University
01.	Debobrato Sarkar Ramanand College, Bishnupur, Bankura (West Bengal)
02.	Parnab Chatterjee Ramanand College, Bishnupur, Bankura (West Bengal)
03.	Dr. Rajeeb Samanta Prabhat Kumar College, Contai, Pura Medinipur (West Bengal)
04.	Dr. Roshan Lal Dewangan Kazi Nazrul University, Asansol (West Bengal)
05.	Pintu Mandal Gazole Mahavidyalaya, Gazole (West Bengal)
06.	Daymanta Roy Gazole Mahavidyalaya, Gazole (West Bengal)
07.	Mr. Chitta Ranjan Gogoi Berhampur University, Berhampur (Odisha)
08.	Dr. Pramitre Rej Sarat centenary College Dhaniakhali, Hooghly (West Bengal)
09.	Dr. Dakeshwar Kumar Verma Govt. Digvijay Autonomous, P. G. College, Rajnandgaon (C.G.)
10.	Dr. Nabajit Hazarika Nagaland University, Lumami (Nagaland)
11.	Suman Bothra Govt. Digvijay PG Autonomus College, Rajnandgaon (C.G.)
12.	Nirupa Sahu Virangana Avanti Bai Govt. College, Chhuikhandan (C.G.)
13.	Dr. Nidhi Bhatt Bahnupratap deo Govt. PG College, Kanker (C.G.)
14.	Dr. Mayur Mausoom Phukan Nagaland University, Lumami (Nagaland)
15.	Dr. Snehprabha Rustomrao Gawande S. Chandra Nahila Mahavidyalay, Sakoli (M.S.)
16.	Girish Suryabhan Deshmukh Shankarlal Agrawal Science College, Salekasa (M.S.)
17.	Dr. Chanda rustumaro Gawande S. Chandra Mahila Mahavidhyalaya, Amgaon (M.S.)
18.	Praveen Kumar Sahu College of Horticulture & Research station, Kumhrawand, Jagdalpur (C.G.)
19.	Sadananda Ranjit Ramnagar College, Depal, Purba Medinipur (West Bengal)
20.	Himangshu Barman Ramnagar College, Depal, Purba Medinipur (West Bengal)
21.	Subrata Barman Ramnagar College, Depal, Purba Medinipur (West Bengal)
22.	Dr. Satyabrata Bhattacharya Sarat Centenary College Dhaniakhali, Hooghly (West Bengal)

23.	Mr. Kusha Kumar Naik Berhampur University, Berhampur (Odisha)
24.	Dyuti Samanta Raghunathpur College, Raghunathpur (West Bengal)
25.	Dr. Suvra Kanti Chakraborty Sir Gurudas Mahavidyalaya, Ultadanga, Kolkata (W.B.)
26.	Dr. Vikash Chandra Indira Kala Sangeet Vishwayalaya, Khairagarh
27.	Dr. Venu Joshi Center for Basic Science, Pt. Ravishankar Shukla University, Raipur (C.G.)
28.	Shivram Singh Shyam Govt. College, Pandatarai (C.G.)
29.	Dr. Atula Kumar Pradhan Nimapara Autonomous College, Nimapara (Odisha)
30.	Dipika Swarankar Rajiv Gandhi Govt. PG College, Ambikapur (C.G.)
31.	Dr. Bhanushree Gupta Center for Basic Science, Pt. Ravishankar Shukla University, Raipur (C.G.)
32.	Dr. Laxmi Kant Center for Basic Science, Pt. Ravishankar Shukla University, Raipur (C.G.)
33.	Dr. Bindu Thakur Govt. Arvind College, Kirandul (C.G.)
34.	Tarun Kumar Padamwar CLC Govt College Dhamdha, Durg (C.G.)
35.	Chinmoy Sarkar Kalipada Ghosh Tarai Mahavidyalaya, Bagdogra (West Bengal)


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**Short Term Course - Hands on Experience Programme for Arpit Learners
(03/02/2020 to 08/02/2020)**

List of Participants

S. No.	Name of Participants & Name of College/University
01.	Dr. Vikas Dattu Umare Janata Mahavidyalaya, Chandrapur (M.S.)
02.	Smt. Reena Shukla Vipra Arts, Commerce & Physical Education, Raipur (C.G.)
03.	Dr. Rashmi Saxena Govt. M.H. College of Home Science & Science for Women, Jabalpur (M.P.)
04.	Dr. Vinayak Uddhavrao Patil Shankarrao Jawale Patil Mahavidyalaya, Lohara (M.S.)
05.	Mr. Mote Bhairavnath Babruvan Shankarrao Jawale Patil Mahavidyalaya, Lohara (M.S.)
06.	Dr. Balaji Shivaji Rajole Shankarrao Jawale Patil Mahavidyalaya, Lohara (M.S.)
07.	Dr. Shekhar Verma University College of Pharmacy, Pt. Deendayal Upadhyay Memorial Health Sciences & Ayush University of Chhattisgarh, Raipur (C.G.)
08.	Gaikwad Dnyanoba Dhanraj Vasanttrao Kale Mahavidyalaya, Dhoki (M.S.)
09.	Dr. Rajesh Harishchandra Gaidhani Sharadrao Pawar Arts & Commerce College, Gadchandur (M.S.)
10.	Dr. Maya Bapurao Masram Sharadrao Pawar Arts & Commerce College, Gadchandur (M.S.)
11.	Dr. Madhuri Pramod Bhise Govt. Vidharbha Institute of Science & Humanities, Amravati (M.S.)
12.	Yogeshwar Sahu Govt. Kangla Manjhi College, Dondi (C.G.)
13.	Shahina Bano G.D. Rugnta College of Science & Technology, Bhilai (C.G.)
14.	Asha Manikpuri G.D. Rugnta College of Science & Technology, Bhilai (C.G.)
15.	Dr. Parakh Sharma G.D. Rugnta College of Science & Technology, Bhilai (C.G.)
16.	Monika Tripathi G.D. Rugnta College of Science & Technology, Bhilai (C.G.)
17.	Manjusha Tamrakar G.D. Rungta College of Science & Technology, Bhilai (C.G.)
18.	Deepa Sahu G.D. Rungta College of Science & Technology, Bhilai (C.G.)
19.	Akshdeep Kaur G.D. Rungta College of Science & Technology, Bhilai (C.G.)
20.	Dr. Nagendra Kumar Chandrawanshi S. o. S. in Biotechnology, Pt. Ravishankar Shukla University, Raipur (C.G.)
21.	Mahendra Nath Dwivedi Seth Phool Chand Agrawal Smriti Mahavidyalaya, Nawapara-Rajim (C.G.)
22.	Dr. Arvind Agrawal Human Resource Development Centre, Pt. Ravishankar Shukla University, Raipur (C.G.)

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23.	Dr. Rekha Nagwanshi Govt. Madhav Science College, Ujjain (M.P.)
24.	Dr. Shabnam Khan St. Thomas College, Bhilai (C.G.)
25.	Dr. Jyotsna Gadpayle St. Thomas College, Bhilai (C.G.)
26.	Dr. Sonia Popli St. Thomas College, Bhilai (C.G.)
27.	Dr. Darshan Dubey Institute of Pharmacy, Vikram University, Ujjain (M.P.)
28.	Meeta Jha S. o. S. in Psychology, Pt. Ravishankar Shukla University, Raipur (C.G.)
29.	Dr. Gokula Y. Dhokey S.S. Girls' College, Gondia (M.S.)
30.	Dr. Manale Nanasaheb Panditrao Vasantryao Kale Mahavidyalaya, Dhoki (M.S.)
31.	Dr. Deependra Singh University Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur (C.G.)
32.	Dr. Vishal Jain University Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur (C.G.)
33.	Dr. Manju Singh University Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur (C.G.)
34.	Dr. Amber Vyas University Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur (C.G.)


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Human Resource Development Centre

Orientation Program

07/01/2020 to 27/01/2020

Pt. Ravishankar Shukla University, Raipur



1st row L to R: Mr. P.K. Sahu, Dr. Laxmikant, Dr. Arvind Agrawal, Prof. R.P. Das, Prof. K.L. Verma (Vice Chancellor), Prof. A.K. Gupta (Director, HRDC), Prof. C. D. Agase, Dr. Vikash Chandra, Dr. Mayur Mausoom Phukan

2nd row L to R: Nirupa Sahu, Dipika Swarnkar, Smt. Bindu Thakur, Dr. Nidhi Bhatt, Dr. Snehprabha Gawande, Suma Bothra, Dr. Bhanushree Gupta, Dr. Chanda R. Gawande, Dr. Veenu Joshi, Mr. Daymanta Roy, Mr. Chinmoy Sarkar, Mr. Sadananda Ranjit, Mr. Subrata Barman, Dr. Dakeshwar Kumar Verma

3rd row L to R: Mr. Pranab Chatterjee, Dr. Atula Kumar Pradhan, Mr. Himangshu Barman, Dr. Pramit Rej, Dr. Rajeeb Samanta, Dr. Roshan Lal Dewangan

4th row L to R: Mr. Shivram Singh Shyam, Mr. Chitta Ranjan Gogoi, Dr. Suvra Kanti Chakraborty, Mr. Debobrato Sarkar, Dr. Satyabrata Bhattacharya

5th row L to R: Dr. Girish Deshmukh, Mr. Dyuti Samanta, Mr. Kusha Kumar Naik, Mr. Pintu Mandal, Mr. Tarun Kumar Padamwar, Dr. Nabajit Hazankar

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