

## **PANJAB UNIVERSITY, CHANDIGARH**

From  The Assistant Registrar, R&S Branch Panjab University, Chandigarh.	To,  The Director/Chairperson/Coordinator, of all concerned Departments/Centres of the Panjab University, Chandigarh.
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No.285/ R&S

Dated:21.01.2021

**Through E-mail**

**Subject:- Supply of information for inclusion in the Annual Report for the period July 1, 2019 to June 30, 2020.**

Dear Sir/ Madam,

You are requested to supply the requisite information of your Department/Centre/Institute for the period **July 1, 2019 to June 30, 2020** for inclusion in the Annual Report of the University. Kindly note that the information should reach this office by **31.01.2021**, positively.

1. The **soft copy** of the report be sent at the following e-mail address: **arrrs@pu.ac.in**
2. The **hard copy** of the report must be sent to the R&S Branch.
3. The Report must be **typed strictly in the order and style as per enclosed Pro-forma/s I to XI.**
4. **Each Pro-forma should be typed on a separate sheet and signed by the Chairperson and stamped.**
5. Wherever required, please furnish dates, places and other details **uniformly** failing which the office would be constrained to ignore the entries.
6. The Report should be brief and to the point, unnecessary details and repetition of any event must be avoided. Please do not include the material which does not fall within the period of report i.e. **01-07-2019 to 30-06-2020.**

**Last year, it has been seen that due attention was not given to the Performa/s sent by the office to the departments according to which the manuscript was to be supplied. Incomplete information would not be published in the Annual Report.**

Yours faithfully,

Sd/-

Assistant Registrar (R&S)

Enclosure:-

- (i) Performa/s I to XI

# PROFORMA-I

## ACHIEVEMENTS OF THE FACULTY

July 1, 2019 to June 30, 2020

### *Illustration to Follow:*

Name of the Department ( Department Name )

Prof O P Katare: Expert on the Scientific Board at International Phospholipid Research Center, Heidelberg, Germany. Commercial Launch of PSORISOMETM, Lipotar™ S and Lipotar™ SS - the technologies have been transferred to M/s. Lifecare Innovations Pvt. Ltd., Gurgaon, Haryana, India. OPPI Scientist Award 2011 by Andrew Witty, CEO GlaxoSmithKline, at Hotel Taj Mahal Palace, Mumbai on 27th September 2011.

Prof. B S Bhoop: Chitkara Pharma Innovation & Excellence Award in 2016 for innovative research in nanostructured drug delivery systems, Name in Science Award (EBA, Oxford UK) 2016, Innovative Healthcare Researcher Award 2016 (WWA) 2016.

Signature of the Chairperson  
with stamp

### *Note (For information and not to be printed):*

1. Follow the format and example given above
2. Names are to be arranged in order of seniority.
3. All achievements of faculty members are to be put together in one paragraph.

# PROFORMA-II

## LECTURES DELIVERED BY VISITING SCHOLARS

July 1, 2019 to June 30, 2020

### BIOCHEMISTRY

Name and Address	Topic & Date
Dr. Deep C. Kaushal, Scientist, Division of Microbiology Central Drug Research Institute P.O. Box No. 173, Lucknow.	Recent approaches to Malaria Diagnosis (26.10.2017 )
Dr. K.K.Kohli, Department of Biochemistry, PGIMER, Chandigarh.	Genetic Polymorphism of Cytochrome (26.10.2017)

Signature of the Chairperson  
with stamp

***Note (For information and not to be printed):***

1. Follow the format and example given above

# PROFORMA-III

EXTENSION LECTURES  
July 1, 2019 to June 30, 2020

(Details of Lectures delivered by the members of the teaching department at Affiliated Colleges and other Institutions)

## ANCIENT INDIAN HISTORY, CULTURE & ARCHEOLOGY

Name	Topic of Lecture	Institution	Date(s)	Number of participants
Dr. Ashvini Aggarwal	Post Gupta Coinage of Bengal & Orissa	Institute of Archeology, Archaeological Survey of India, New Delhi.	26.10.2017	50
	Coinage of the Post Gupta Dynasties-The Mukharis, Pushyabutis & the Huna	-do-	06.09.2017	68

Signature of the Chairperson  
with stamp

**Note (For information and not to be printed):**

1. Follow the format and example given above.
2. Place and Date of Lectures delivered must be mentioned otherwise it will not be published.

# PROFORMA-IV

## FACULTY POSITIONS

July 1, 2019 to June 30, 2020

### ANCIENT INDIAN HISTORY, CULTURE & ARCHAEOLOGY

Chairperson		S.Kumar
<b>FACULTY</b>		
Professors	:	S.Kumar, Ph.D., A. Aggarwal, Ph.D.
Re-employed	:	Prof. S.N. Chopra, Ph.D.
Emeritus Professors	:	Ashok Sahni, Ph.D., S.B. Bhatia, Ph.D.
Associate Professors	:	Indu Chhabra, Ph.D.; Sonal Chawla, Ph.D.
Assistant Professors	:	Pooja Jain, MCA
Guest Faculty	:	.....
Research Fellows	:	Naveen Dalal; Sushil Narang; Indu Arora.

Signature of the Chairperson  
with stamp

***Note (For information and not to be printed):***

1. Follow the format and example given above.
2. **Only highest academic qualification** be shown against the name. Membership of any society/association may not be added.
3. This is a sample only. Please send the list of faculty **seniority wise** in this format.

# PERFORMA-V

July 1, 2019 to June 30, 2020

## STUDENTS ENROLMENT (2019-20)

	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	M.A.Part-I	3	2	4	-	2	2	3	-	7	1	--	2	--	--	19
M.A.Part-II	5	3	2	4	3	-	5	2	1	9	--	1	3	2	19	21
M.Phil.	2	3	1	2	2	2	1	-	2	4	3	-	-	-	11	11
Ph.D.	3	2	4	-	2	2	3	-	7	1	--	2	--	--	19	07

Please mention the details of Transgender (If any): .....

**DO NOT USE TABLES**

Signature of the Chairperson  
with stamp

*Note (For information and not to be printed):*

1. Follow the format and example given above
2. **Please send the matter in this format with** details of each class so that fresh entrants as well as passing out students can be counted.
3. **The enrolment of Students should be for the year 2019-2020**

# PROFORMA-VI

July 1, 2019 to June 30, 2020

## ZOOLOGY

*(Note: Brief Introduction of the Department (should be Precise, short & Informative in 75-100 words)*

The Department of Zoology, established in 1902, is known nationally and internationally for its academic and research activities. The Department runs under-graduate and post graduate courses in Zoology (Hons. School). It has well maintained museums and instrumentation labs with state-of-the-art equipments for research. Based on the valuable contributions of the faculty, the Department was funded by UGC under Special Assistance Programme in 1985 (three terms), COSIST (1996-2001) and Centre of Advanced Studies (2007-2012). In 2012, the department was sanctioned a grant of 1.10 crores for 5 years under DST-FIST programme.

## PUBLICATIONS

### BOOKS / REFERENCE GENERAL

Vashisht, R.M

Banarjee, B.G. Pathak, R.K. and Edwin, C.J. (Editors), Anthropology at the turn of the Century. Publications of the Department of Anthropology Panjab University, Chandigarh (2011).

Sinha, A.K.

Anthropology of Sweetmeats, New Delhi, Gavan Publishing House (2000).

### RESEARCH PAPERS IN REFERERD JOURNAL

Kaul, S., Kumar, M. & Karir, B.S. Stature and weight in Punjabi-speaking adolescent children of north-western India Longitudinal observations over a one-year period Journal of the Indian Anthropological society 34(5): 227-283 (2012).

Beri, S., Singh, J.B., Kaur, M., & Bhatnagar, V..... (CMS Collaboration), CMS Tracking Performance Results from early LHC Operation. Eur.Phys.J.C70:1165-1192(2011)

## PAPERS PUBLISHED IN PROCEEDINGS OF CONFERENCES

### ABSTRACTS

Garg, Neera. Role of arbuscular mycorrhizal fungi in the development of salt tolerance in *Cajanus cajan* (L.) Millsp. Under salinity stress in VI International Conference on legume genetics and genomics (October, 2-7, 2012) ICRISAT, Hyderabad

Garg, Neera. Contribution of different AM species to nutrient acquisition and mitigation of ionic imbalance and antioxidant defense in salt-stressed *Cajanus cajan* (L.) Millsp. Plants presented at Seventh International conference on Mycorrhiza (ICOM 7), (January, 6-12, 2013), TERI, New Delhi

### ARTICLES PUBLISHED IN NEWS PAPERS

Prof. B.S. Ghuman, Limit Power Subsidy to the needy; 15-10-2017 (The Tribune)

### SUMMARY OF RESEARCH PUBLICATIONS (July 1, 2019 to June 30, 2020)

No. of Publications	International Level	National Level	Others	Total
Peer Review Journals	5	3	2	10
Non-Peer Review Journals	-	-	1	01
e-Journals	1	-	-	01
Conference Proceedings	-	-	-	-

Books with ISBN Number:

Books without ISBN Number:

Chapters in Edited Books:

Articles published in Newspapers:

**DO NOT USE TABLES**

Signature of the Chairperson  
with stamp

### *Note (For information and not to be printed):*

1. Please follow the citation style consistently.
2. Kindly avoid abbreviating the names of journals.
3. Only those Books/Monographs be mentioned which are published between **July 1, 2019 to June 30, 2020.**
4. Matter "ACCEPTED" OR 'IN PRESS' etc., should not to be mentioned.



# PROFORMA-VII

July 1, 2019 to June 30, 2020

## RESEARCH SCHEMES

Sponsor	Title	Funds Sanctioned	Funds Received	Type (major/minor)	Duration	Principal Investigator and Research Team
U.G.C.	Molecular action of zinc on glucose transporter	10.00 lacs	07.00 lacs	Major	July, 2017- November, 2020	Dr. Ashima Pathak, PI
-do-						
BIRAC	Cluster Innovation Centre in Biotechnology (CIC-B)	259.00Lac	29.80 Lac	Major	2015-2022	Dr. Rohit Sharma (Chief Coordinator)
C.S.I.R.						
-do-						
-do-						
I.C.M.R.						
-do-						
-do-						
D.S.T.						
-do-						

Signature of the Chairperson  
with stamp

**Note (For information and not to be printed):**

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# PROFORMA-VIII

July 1, 2019 to June 30, 2020

## SEMINARS/CONFERENCE/SYMPOSIA/ WORKSHOP

(Organized by the Department)

<b>Title of the Seminar/Conference</b>	<b>Place and Date(s)</b>	<b>Participating faculty</b>	<b>Name of the Coordinator/Convener</b>
Refresher Course On Life Science (Botany)	Department of Botany, Panjab University Chandigarh December 29,2017	<b>Prof. Garima Kapoor</b> <b>Prof. S.K.Vij</b>	Prof. S.P.Vij
Man and Forest	Geology Department Panjab University Chandigarh February 18-19, 2017	<b>Prof. V.K.Nair</b> <b>Prof. S.Patnaik</b>	Prof. S.P.Vij

Signature of the Chairperson  
with stamp

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The dates must be mentioned.

# PROFORMA-IX

July 1, 2019 to June 30, 2020

## CONFERENCE / SYMPOSIA / WORKSHOP (Attended by the faculty)

Name	Topic	Place	Date
Prof. Rajan Gaur	Biotechnica Chandigarh	Panjab University, Chandigarh	16-18.11.2017
Dr. Sonal Chawla	E.Learning using Open Source Software for Digital Content	MCM DAV College for Women, Chandigarh	13.09.2017

**DO NOT USE TABLES**

Signature of the Chairperson  
with stamp

*Note (For information and not to be printed):*

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# PROFORMA-X

July 1, 2019 to June 30, 2020

## Ph.D. Awards

<b>Sr. No.</b>	<b>Candidate</b>	<b>Title of the Thesis</b>	<b>Supervisor/s</b>
1	Bhilasha Dhiman	Germination, regeneration and related morphogenetic changes in some orchids-A study in vitro	Prof. S.P.Vij

Signature of the Chairperson  
with stamp

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# **PROFORMA-XI**

**MISCELLANEOUS  
July 1, 2019 to June 30, 2020**

**Any other noteworthy achievement of the Department**