

## BIO-DATA

1. Name : **Dr. GINJINDER KAUR**  
 2. Designation : **ASSISTANT PROFESSOR**



3. Department : **HUMAN GENETICS**  
 4. Date of Birth : **20 – 12 - 1976**  
 5. Address for Correspondence : **Department of Human Genetics  
 Punjabi University  
 Patiala.**  
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 ginjinder\_hg@pbi.ac.in**  
 6 Areas of Specialisation : **Human Molecular Genetics, Human Growth**

**7. Academic Qualifications:**

Sr. No.	Degree Held	Year	Board/ Univ/ Inst	% of marks	Div./ Rank	Subjects Taken
1.	B.Sc. (Medical)	1999	Panjab University, Chandigarh	1306/2000 (65.3%)	First	Chemistry Botany Zoology English Punjabi
2.	M.Sc. (Human Biology)	2002	Punjabi University, Patiala	572/800 (71.5%)	First	Growth, Genetics, Evolution Anatomy Ecology etc.
3.	Ph.D. (Life Sciences)	2006	Punjabi University, Patiala	Degree awarded		

**8. Membership of Professional Bodies/Organisations**

- i) Life Member Indian Science Congress  
 ii) .....

**9. Medals/Awards/Honours/Received**

- i) .....  
 ii) .....

**10. Scholarships:**

- i) .....

ii) .....

**11. Details of Experience:**

S. No.	Name of the Inst./Employer	Position Held	Duration	Major Job Responsibilities and Nature of Experience
1.	Punjabi University, Patiala	Assistant Professor	August, 2009 (Ad - hoc) to May, 2011	Research & Teaching
2.	Punjabi University, Patiala	Assistant Professor	May, 2011 (Regular)	Research & Teaching

**12. Published Work (Please specify numbers only) :**

a. Research Papers i) National - 12

ii) International - 15

b. Conference/Seminar Presentation - 10

c. Books

i) Original :

ii) Edited :

(Please attach the list)

**11. R & D Projects**

i) To find out the effect of intensive lifestyle modifications on Patients with type 2 diabetes mellitus- A follow up study, **UGC New Delhi.**

ii) Anthropometric and biochemical assessment of adults with Down's syndrome, **UGC New Delhi.**

**12. Invited Talks/Articles**

i) Talks on radio on various issues

ii) Talk on Doordarshan on harmful effects of mobile usage

**13. Ph.D. Students guided/under guidance (Details) :**

S. No.	Name of the Student	Title of Thesis	Year of Completion
1.	SEEMA RANI	EFFECT OF MEDICATION ON THYROID STIMULATING HORMONE AND LIPID PROFILE IN THYROID PATIENTS OF PUNJAB.	2017
2.	RAMANDEEP KAUR	A STUDY OF REPRODUCTIVE HEALTH OF WOMEN IN PUNJAB.	2017
3.	SATINDER KAUR	BODY COMPOSITION OF YOUNG PUNJABI ADULTS: ANTHROPOMETRIC AND BIOELECTRICAL IMPEDANCE	2017

		PERSPECTIVES.	
4.	RAJNI GOYAL	STUDY OF METABOLIC SYNDROME AS A RISK FOR CARDIOVASCULAR DISEASES IN POSTMENOPAUSAL WOMEN OF PUNJAB.	On Going
5.	AMIT KAUSHAL	A STUDY OF LONG TERM POLLUTION EXPOSURE ON TEETH AND PHYSIQUE IN PUNJABI ADULTS.	On Going
6.	KULVIR SINGH	AGEING AMONG ELDERLY: MORPHOLOGICAL, PHYSIOLOGICAL AND PSYCHOLOGICAL PERSPECTIVES.	On Going
7.	NEHA SUDHERA	TELOMERE SHORTENING AND OXIDATIVE STRESS IN PATIENTS WITH TYPE 2 DIABETES.	On Going
8.	PUPINDER KAUR	A STUDY OF THROMBOMODULIN AND PROTHROMBIN GENE VARIANTS WITH SUSCEPTIBILITY TO CORONARY HEART DISEASE IN THE POPULATION OF MALWA REGION OF PUNJAB.	On Going
9.	DEEP KIRAN BASSI	AN ANALYSIS OF FTO, HHEX, ACE AND VEGF GENE POLYMORPHISMS IN HYPERTENSIVE TYPE 2 DIABETES PATIENTS	On Going

**14. M.Phil./M.Tech Students guided :**

S. No.	Name of the Student	Title of Thesis	Year of Completion

**15. List of Papers/Courses taught at P.G. and U.G. Level**

S. No.	Paper	Class
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1.	Theory Paper HGL-102: Human Anatomy	M.Sc. I ( Semester I)
2.	Practical Paper HGP-104: Human Anatomy	M.Sc. I ( Semester I)
3.	Practical Paper HGP-105 Human Physiology	M.Sc. I ( Semester I)
4.	Theory Paper HGL-201: Introduction to Cell and Molecular Biology	M.Sc. I ( Semester II)
5.	Theory Paper HGL-206: Genetics of Human Growth	M.Sc. I ( Semester II)
6.	Practical Paper HGP-204: Serological and Biochemical traits, Pedigree analysis	M.Sc. I ( Semester II)
7.	Theory Paper HGL- 301 : Research design and Methodology	M.Sc. II ( Semester III)
8.	Theory Paper HGL-307: Human Biochemical Genetics and Immunogenetics	M.Sc. II ( Semester III)
9.	Theory Paper HGL -403: Medical Genomics	M.Sc. II ( Semester IV)
10.	Recent Advances in Human Genetics-II	Ph.D (Course Work)
11.	Practical/Seminar	Ph.D (Course Work)

## 16. Technical Proficiency

- ❖ Expertise in molecular genetics
- ❖ Experience in carrying out extensive field work and conducting surveys
- ❖ Execution of research design, sampling techniques, data analysis and interpretation
- ❖ Expertise in carrying out physiological and biochemical tests
- ❖ Knowledge of tools like anthropometry, health profiles, various indicators of health, malnutrition and obesity
- ❖ Groups on which I can work
  - Children – infants to adolescents especially girls; emotionally deprived
  - Women
  - Patients with type 2 diabetes mellitus
  - Individuals affected with Down syndrome

## 17. List of Papers Published

1. Gijinder Kaur, Neha Sudhera, Kulvir Singh, Gurinder Singh and Deep Kiran Bassi 2017. Effect of Fasting Blood Glucose (FBG) on Lipid Metabolism and Gender Differences in the Pattern of Dyslipidemia in Adults with Type 2 Diabetes in Northern India. *Studies on Ethno Medicine*, **11**(3), 209-215.
2. Seema Rani, Promila Mehta and Gijinder Kaur 2017. Association of Thyroid stimulating hormone with lipid profile in hypothyroid females of Mansa District of Punjab (India). *Human Biology Review*, **6**(1), 10-19.
3. Gijinder Kaur, Neha Sudhera, Deepkiran Bassi, Kulvir Singh and Gurinder Singh 2016. Assessment of glucose levels and lipid profiles in adults with Down syndrome in Punjab (India). *Human Biology Review*, **5** (4), 443-455.

4. Ramandeep Kaur, Promila Mehta and Ginjinder Kaur 2016. Prevalence of overweight among urban and rural areas of Punjab. *Indian Journal of Basic and Applied Medical Research*, **5**(4), 542-548.
5. Gurinder Singh, Deepak Kumar, Dr. Suresh Kumar, Dr. Promila Mehta and Dr. Ginjinder Kaur 2016. Estimation of total phenols and flavonoids in Jwarnashak Panch Kashya and its antioxidant activity. *Journal of Pharmacognosy and Phytochemistry*, **5** (4), 136-138.
6. Satinder Kaur, S.P Singh and Ginjinder Kaur 2016. Principal Component Analysis of the physique in young adults of Punjab. *Human Biology Review*, **5** (2), 117-127.
7. Ginjinder Kaur and Neha Sudhera. 2016. Duration of onset of NIDDM and central obesity in males of Malwa region of Punjab. *Human Biology Review*, **5** (1), 53-64.
8. Rajni Goyal, Promila Mehta and Ginjinder Kaur 2015. Metabolic Syndrome among postmenopausal Females of Punjab by the International Diabetes Federation Guidelines. *Journal Punjab Academy of Sciences*, **1&2** (15-16), 16-18.
9. Satinder Kaur, S.P. Singh and Ginjinder Kaur 2015. Correlation between Adiposity and Body mass Index in Young Punjabi Adults. *Journal Punjab Academy of Sciences*, **1&2** (15-16), 13-15.
10. Ginjinder Kaur and S.P. Singh 2015. Impact of Emotional deprivation on body composition among adolescents of North-West India. In Premananda Bharati, S.P. Singh, Jaspreet Kaur and Dipak. K. Adak (eds.) *Health, Nutrition and Physical Growth in Developing Nations*. 1st edn, Mittal Publications, New Delhi, Pp. 43-50. ISBN-81-8324-546-3.
11. Ramandeep Kaur, Promila Mehta and Ginjinder Kaur. 2015. Adiposity in menstruating and non-menstruating school girls of Punjab. *International Journal of Science and Research*, **4** (5): 2196-2199.
12. Ramandeep Kaur, Promila Mehta and Ginjinder Kaur. 2015. Growth status and menarcheal age among adolescent school girls of Punjab. *International Journal of Recent Scientific Research*, **6** (7): 5150-5153.
13. Ginjinder Kaur, Rubeena Sharma and Navpreet Kaur. 2015. Auxological profile of pre-school children of Punjab. *Human Biology Review* **4**(1): 115-121.
14. Seema Rani, Pushpa Singal, Promila Mehta and Ginjinder Kaur 2014. Anthropometric assessment of adolescent girls living in urban and rural areas of

- Punjab. *International Journal of Biology, Pharmacy and Allied Sciences*, 3(8), 1896-1903.
15. Satinder Kaur, Promila Mehta and Gijnder Kaur. 2014. Anthropometric profile and menopausal age of 40 to 80 year old women of Punjab: A Study. *Journal of Life Sciences* **6**(1, 2): 1-5.
  16. Rajni Goyal, Promila Mehta and Gijnder Kaur. 2012. Nutritional status and menarche in adolescents of Punjab. *Journal of Life Sciences* **4**(1): 63-66.
  17. Gijnder Kaur. 2012. Impact of institutionalization on IQ in adolescents of North-West India. *Human Biology Review* **1**(1): 57-67.
  18. Gijnder Kaur Lamba and S.P. Singh. 2011. Effect of emotional deprivation on physical development. *Indian Journal of Physical Anthropology and Human Genetics* **30** (1, 2): 89-102.
  19. Gijnder Kaur and S.P. Singh. 2011. Effect of institutionalization on intelligence among adolescents. *Indian Journal of Sports Science and Physical Education* **20** (1,2): 13-24.
  20. Gijnder Kaur Lamba and S.P. Singh 2010. Menarcheal status and institutionalization. *Indian Journal of Sports Science and Physical Education* **19**(1): 65-76.
  21. Gijnder Kaur and S.P. Singh. 2009. Somatotypic Variations with Age in institutionalized and control adolescents. *The Internet Journal of Biological Anthropology* **3**(1) (Online publication).
  22. Gijnder Kaur Lamba and S.P. Singh 2009. Impact of institutionalization on somatotype among adolescents. *Journal of Life Sciences* **1**(1): 15-19.
  23. Gijnder Kaur and S.P. Singh. 2009. Impact of Emotional Deprivation on growth of circumferences in adolescents. *Folia Anthropologica* **8**(3):35-40.
  24. Harmander Singh Kang, Gijnder Kaur, Pushpa Singal and S.P. Singh. 2005. Nutritional status of Punjabi children: mid-upper arm circumference-for-age and BMI-for-age as screening indicators. In 'Auxology'. Eds. G.A. Toth. Savaria University Press, Szombathely, pp.73-78.
  25. Gijnder Kaur, Harmander Singh Kang, Pushpa Singal and S.P. Singh.2005. Nutritional Status: Anthropometric Perspective of Pre-School Children. *The Anthropologist* **7** (2): 99-103.

26. Gijinder Kaur and S. P. Singh. 2005. Emotional deprivation and physical growth among adolescents of North West India. *Indian Journal of Physical Anthropology and Human Genetics* **24**(2): 187-197.
27. Gijinder Kaur and S. P. Singh. 2003. Growth and Malnutrition in 1 – 5 year old Punjabi boys. . In: *Understanding People of India: Anthropological Insight*. Proceedings of P. C. Biswas Centenary National Seminar on Peoples of India: An Anthropological Perspective. Eds. A.K. Kalla and D.K. Bhattacharya. Delhi University, Delhi, pp. 72-77.

**Date:** \_\_/\_\_/\_\_\_\_

**(Signature of the Teacher)**