

# **Curriculum vitae**



## **CURRENT APPOINTMENT**

### **Dr Anil Kumar Pandey**

Professor & Head; Department of Physiology,  
ESIC Medical College & Hospital,  
NH-3,NIT, Faridabad,Haryana

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## **PERSONAL**

Place of Birth Ballia, Uttar Pradesh, India

Date of Birth July 15, 1972

Immigration Status Indian Citizen

Passport No. J1285319

Marital Status Married to Dr. Chetana Pandey on  
March 13, 2000 at Varanasi, India

Children

Vishruti Pandey (F) Born on

August 1, 2003 at Surat, Gujarat.

Sandarsh Pandey (M) born on Oct.16, 2006 at  
Ahmedabad, Gujarat.

## **EDUCATION**

1986	High School (KNKSUMV, Ballia,UP,India)
1988	LD Inter College, Ballia, UP, India
1991 - 1996	MBBS from J.L.N.M.C.H. Bhagalpur, Bihar (T.M. Bhagalpur University)
1996 – 1997	Internship, JLNCH, Bhagalpur.
2001 - 2004	MD (Physiology), Govt. Medical College & New Civil Hospital, Surat.
Completed MD (Physiology) in April 2004.	

## **TEACHING EXPERIENCE**

02.05.1998 to 28.11.2000	Tutor in `Physiology, Govt. Medical College Rajkot. (now changed to PDU Medical College, Rajkot)
28.11.2000 to 08.12.2004	Tutor in Physiology, Govt. Medical College, Surat

08.12.2004 to 04.04.2005	Assistant Professor in Physiology, PDU Medical College, Rajkot
05.04.2005 to 31.01.2007	Assistant Professor, Dept. of Physiology, Kesar SAL Medical College & Research Institute, Bhadaj, Ahmedabad, Gujarat.
02.02.2007 to 31.08. 2009	Assistant Professor, Department of Physiology, GSL Medical College & General Hospital, NH-5, Rajahmundry
01.09. 2009 to 31.01. 2012	Associate Professor, Department of Physiology, GSL Medical College & General Hospital, NH-5, Rajahmundry
03.02. 2012 to 27.06.2014	Associate Professor, Department of Physiology, BPS Govt. Medical College for women, Khanpur kalan, sonapat, Haryana
30.06.2014 to till date	Professor & Head, Physiology, ESIC Medical College & Hospital, NH-3, NIT, Faridabad

### **MEMBERSHIPS**

- Regular member of American Physiological Society .
- Life member of Association of Physiologists and pharmacologists of India.
- Editorial assistance- Year book journal of Association of Physiologists and Pharmacologists of India, Gujarat State Chapter.
- Executive council member of Indian Society of Hypertension.
- Member secretary Institutional ethics committee of BPS Govt. Medical College for women, Khanpur kalan, Sonapat, Haryana.
- Member secretary Medical Education Unit of BPS Govt. Medical College for women, Khanpur kalan, Sonapat, Haryana.
- Joint Secretary, Indian Society of hypertension.

**Total Teaching Experience: 14 years.**

**Teaching Experience after MD: 10 years**

Registered PhD guide under NTRUHS, Vijayawada, A.P. letter no Lr.No.803/A1 (PhD)/08) by the Dr.NTR University of Health Sciences.

Authored 2 books Book ISBN No: 978-3-659-43873-8 (Lambert Academic Publication) Research Monograph; Title: Echocardiographic Evaluation of Left Ventricular Structure and Function in Essential Hypertension & Book ISBN No:978-3-659-51769-3(Lambert Academic Publication) Research Monograph; Title: PHYSIOLOGICAL CHANGES IN RETINAL SENSITIVITY WITH AGEING.

**Conducted Symposium: “Physiology from Laboratory to bedside” at APPICON 2014 from 19-22rd November 2014 at Puri**

**Guest speaker : at BPCON 2014, Ahmedabad (Sept 2014)**

**At APPICON 2014, Puri (19-22 Nov 2014)**

### **Received National Awards**

1. **Prof R.C Shukla Oration award** for best paper in cardiovascular physiology by APPI at APPICON 2006.
2. **Prof S S Annamalaisamy Award** for best original research paper by Indian society of hypertension at BPCON November, 2010, Madurai, Tamilnadu
3. **Prof Verma, Singh Award** for best original research paper by Indian society of hypertension at BPCON september, 2011, Chidambaram, Tamilnadu
4. **Professor BK Anand Award** for for best paper in Physiology by APPI at APPICON 2014, Puri.

Research Papers published / Accepted ( Total 20 papers; 11 paper as first author, 9 as co-author)

**International Journal** (7 paper; 4 as first author, 3 as co-author)

1. **Pandey A K**, Asim Das, C. Srinivas, et al. Maternal Myocardial Performance in various stages of pregnancy and post-partum. Research journal of cardiology, 2010, ISSN 1819-3404 , 3(1);9-16.
2. **Pandey A K**, Asim Das, M Sreehari B, et al. Application of signal Averaged Electrocardiography and Ejection Fraction for Prediction of cardiovascular Arrhythmic events. Research journal of cardiology, 2010, ISSN 1819-3404, 3(1);17-24.
3. **Pandey AK**, Asim Das, G. Bhavani and Shailendra K. Vajpeyee. Echocardiographic Evaluation of Left Ventricular Performance in Essential Hypertension. World heart journal 2009, ISSN 1556-4002;2(1)1-8
4. Ashutosh Kumar, Bhawani G and **Pandey A K** et al. A case of complete heart block in a patient with HIV and leptospirosis: Kardiol Pol 2010;68(5): 562–563.

5. **Pandey AK**, das A, Bhawani G et al. Echocardiographic Evaluation of Left Ventricular Performance in Essential Hypertension. whj 2010;3(2):
6. M. Sriharibabu, Y.himabindu and **A K Pandey** et al:Renal artery stenosis in different age groups undergoing coronary intervention: accepted for publication in Indian journal of public health research & Development; No2833/IJPHRD/2012.

#### National/index journal

7. **Pandey A K**, Asim Das, Amal Kumar Bhattacharya. A comparative study of Lipid Profilr and signal averaged electrocardiography at menopause. biomedicine 2009; 29(4):349-352.
8. **Pandey A K**, Asim Das, Ashutosh Kumar et al. Evaluation Of Maternal Myocardial Performance During Normal Pregnancy. Indian H journal 2010;62(1): 64-67.
9. **Pandey A K**, Das A, Singwala Asish, Bhatt KN. Prediction and stratification of the future cardiovascular arrhythmic events: Signal averaged electrocardiography versus ejection fraction. Indian J of Physiol pharmacol. 2010;(54)2:123-132
10. Sreeharry B, **Pandey A K**, et al: VO2 Max at various age groups in sedentary individuals. Biomedicine 2010;30(2):203.
11. Bhatt Janardan V., **Pandey AK**. Impact of asymptomatic hypertension on Left Ventricular function. IJPP,2003: 47(2),171-178.
12. **Pandey AK**, Das A, Sreehari BM et al. Myocardial Performance in New diagnosed Asymptomatic Essential Hypertension. Indian J of Physiol pharmacol. 2011; 55(2):110-118.
13. **Pandey A K**, Das Asim, et al : Clinico-Biochemical spectrum of hypokalemia. Biomedicine 2011; 31(1): 69-73.
14. Himabindu Y, Sreehari BM and **Pandey A K** et al: AMH and AFC as predictor of ovarian response. accepted for publication in journal of Obs and Gynae (JOGY).
15. Sunita Bisht nene, **Pandey AK**, A Raja suman dutta et al: Circadian rhythmicity of Pressure-pulse-product in young healthy individuals accepted for publication in biosciences.
16. M. Sriharibabu, Y.himabindu and **A K Pandey** et al: Association of day 3 Antimullerian Hormone (AMH) with oocyte quality,fertilization rates and grade 1 embryos. Biomedicine 2012; 32(1): 61-66.
17. Y.Himabindu , M. Sriharibabu, and **A K Pandey** et al :Correlation of Age and Antimullerian Hormone in assisted reproductive technology program outcome. Indian J Physiol Pharmacol 2013; 57(1) : 9–15
18. **Pandey AK**, Das A, Sreehari BM et al. Assessment of Myocardial Mechanics in overweight and Obesity. Indian J Physiol Pharmacol 2013; 57(2) : 95–103.
19. Surekha T, Himabindu Y, Sriharibabu M, **Pandey AK et al**. Impact of Physical Activity on Ovarian Reserve Markers in Normal, Overweight and Obese Reproductive Age Women. Indian J Physiol Pharmacol 2014; 58(2) : 162–165.
20. **Pandey AK**, Sunita Siwach, Vijayata Sangwan, Das A et al. Assessment of maternal vascular stiffness indices in three trimesters of normal pregnancy. Indian J Physiol Pharmacol 2014; 58(3) : 196–204.

## Completed ICMR project

- Prediction and stratification of future Cardiovascular arrhythmic events, EF% Vs SAECG
- Comparative Lipid Profile and Late Potential studies at Menopause.
- Study of Thyroid Profile in Last Trimester to Pregnancy outcome.
- Cardiac Performance in newly diagnosed Asymptomatic Essential Hypertension.
- Maternal myocardial performance at various stages of pregnancy and post-partum.
- Circadian rhythmicity of Pressure-pulse-product in young healthy individuals (STS project as supervisor).
- Determination of susceptibility of hypertension by cold pressure test (STS project as supervisor).

## Completed Non-ICMR project

- Impact of various anthropometric profiles on mean cardiac axis in young healthy individuals.
- Left ventricular geometry in renal artery stenosis.
- Understanding of left ventricular geometry & its impact in obesity.

### RESEARCH PROJECT GOING ON/ IN HAND

- Inflammatory risk markers in asymptomatic, untreated essential hypertension.
- Left ventricular geometry in renal artery stenosis.
- Effect of *Convolvulus Pluricaulis* standardized extract on rat central nervous system: A behavioral and morphological study

## Presented Papers as Presenting Author.

1. XLVII Annual National conference of Association of Physiologists & Pharmacologists of India, 21-24 Dec. 2001, AFMC, Pune, Maharashtra, India (APPICON 2001).

**Paper: "A study of some Physiological Parameters in medical Students of Surat City".**

2. XLVIII Annual National conference of Association of Physiologists & Pharmacologists of India, 17-20 Dec. 2002, KGMC, Lucknow U.P. India (APPICON 2002). IJPPAZ 46(5) 2002, ISSN 0020-5500, Vol.46.no.5.

**Paper: "Echocardiography in Essential Hypertension".**

First National Interdisciplinary Conference on Nutrition in Health & diseases (ICNHD), 13-15 Feb. 2004, Govt. Medical College, Surat Gujarat, India, January.

**Paper: "Influence of left ventricular geometry on diastolic function in patients with Essential Hypertension".**

3. First Inaugural Annual Conference Gujarat State Chapter, Association of Physiologists & Pharmacologists of India 23<sup>rd</sup>-24<sup>th</sup> Feb.2003, Govt. Medical College, Surat Gujarat, India.

**Paper: "Comparative Evaluation of Left Ventricular Performance in Hypertensive and Normotensive: A study by 2D and Doppler Echocardiography".**

**Adjudged the Best Presentation award.**

4. Second Annual Conference of the Gujarat State Chapter, Association of Physiologists & Pharmacologists of India 29<sup>th</sup> Feb.2004, Department of Physiology & Pharmacology, Pramukh Swami Medical College, Karamsad , Gujarat, India.

**Paper: "A Comparative Lipid Profile and Late Potential studies at Menopause".**

**Adjudged the Best Presentation Award.**

5. ICHAC-2004: 3<sup>rd</sup> International Conference on Hypertension, Atherosclerosis and Coronary Artery Disease. Nov. 7-8, 2004 at IMS, BHU, Varanasi.

**Paper: "Adiposity Determinants WHICH IS THE BETTER ONE- BMI Vs WHR for Left Ventricular Dysfunction?"**

6. Golden Jubilee Conference of The Association of Physiologists & Pharmacologists of India, 19-22 Dec. 2004, National Institute of Mental Health and Neuro Sciences(NIMHANS), Bangalore, India ( Golden APPICON 2004). IJPPAZ 48(5) 2004, ISSN 0019-5499, Vol.48.no.5.

**Paper: "Utility of Left Ventricular Functions in the Elderly".**

7. Joint International Conference 2005 (JIC-2005) 31<sup>st</sup> Dec.2004 to 2<sup>nd</sup> Jan.2005 at Ahmedabad.

**Paper: "Haemodynamic Patterns in Asymptomatic Essential Hypertension".**

8. 4<sup>th</sup> Asian-Pacific Congress of Hypertension in conjunction with 14<sup>th</sup> Annual Meeting of the Korean Society of Hypertension, June 1-4, 2005, Seoul, Korea.

**Paper: Comparative Lipid Profile and Left Ventricular Function Studies at Menopause.**

9. 4<sup>th</sup> Annual Conference of the Gujarat State Chapter, Association of Physiologists & Pharmacologists of India 3<sup>rd</sup> Feb.2006, Department of Physiology & Pharmacology, M.P. Shah Medical College, Jamnagar , Gujarat, India.

**Paper: Myocardial Mechanics in Subjects with Normal & Prehypertension.**

10. 51<sup>st</sup> Annual Conference of The Association of Physiologists & Pharmacologists of India, 11-25 Dec. 2005, JIPMER, Pondicherry, India . IJPP 2005; ISSN 0019-5499, Vol.49.no.5.

**Paper: Lipid Profile and Echocardiographic indices of Left Ventricular Function in post-menopausal women.**

11. 3-C Con 2006 international conference of Cardiology, at Nirma University, S.G. Highway, Ahmedabad, Gujarat, India.

**Paper: Evaluation of Left Ventricular Performance in the Elderly**

**13. IJPP52 (5)2006, ISSN0019-5499,VOLUME52—NUMBER5,SUPPLEMENT 2006.**

**Prediction & stratification of the Future Cardiovascular Arrhythmic Events: SAECG vs. Ejection Fraction.**

**Selected for Prof. R.C. Shukla Oration Award for best paper in the Cardiovascular Physiology.**

14. IJPP2007; 51 (5) ISSN0019-5499, Volume51.number 5, suppl.**2007**  
Left Ventricular function in different patterns of L.V. hypertrophy in patients with hypertension.
15. Left ventricular performance in asymptomatic untreated essential hypertension. (57<sup>th</sup> Annual Conference of The Association of Physiologists & Pharmacologists of India, 13-17 Dec APPICON 2011,AIIMS, New delhi)
15. **Study of some Physiological Parameters and its impact on Menarche**  
(51<sup>st</sup> Annual Conference of The Association of Physiologists & Pharmacologists of India, 11-25 Dec. 2005, JIPMER, Pondicherry, India . IJPP 2005; ISSN 0019-5499, Vol.49.no.5.)
16. **Study of the Relationship between BMI & Blood Pressure in The Medical Students Of Kesar Sal Medical College & Research Institute, Ahmedabad.**  
(3-C Con 2006 international conference of Cardiology, at Nirma University, S.G. Highway, Ahmedabad, Gujarat, India).
17. **Understanding Cardiovascular Responses To “Static Exercise” In The Students Of Kesar Sal Medical College & Research Institute, Ahmedabad.**  
(3-C Con 2006 international conference of Cardiology, at Nirma University, S.G. Highway, Ahmedabad, Gujarat, India).
18. **Types Of Obesity And Its Impact On Lipid Profile In The Students Of Kesar Sal Medical College & Research Institute Ahmedabad.**  
(3-C Con 2006 international conference of Cardiology, at Nirma University, S.G. Highway, Ahmedabad, Gujarat, India).
19. **Haemodynamic patterns in asymptomatic untreated essential hypertension**  
(53rd Annual Conference of The Association of Physiologists & Pharmacologists of India, 27-29<sup>th</sup> Dec APPICON 2007, Andhra Medical College, Visakhapatnam . IJPP 2007; 51, (5)472-473, ISSN 0019-5499.
20. QTc as a prognostic indicator in type 2 Diabetes mellitus  
(53rd Annual Conference of The Association of Physiologists & Pharmacologists of India, 27-29<sup>th</sup> Dec APPICON 2007, Andhra Medical College, Visakhapatnam . IJPP 2007; 51, (5) 473, ISSN 0019-5499.
21. Study of the relationship between BMI and Waist-Hip ratio to blood pressure profile in the medical students of GSL Medical College and general hospital, rajahmundry.  
(53rd Annual Conference of The Association of Physiologists & Pharmacologists of India, 27-29<sup>th</sup> Dec APPICON 2007, Andhra Medical College, Visakhapatnam . IJPP 2007; 51, (5) 474, ISSN 0019-5499.
22. Maternal Myocardial performance at various stages of pregnancy and post –partum. (Received best paper presentation at BPCON November, 2010, Madurai).
23. Maternal Myocardial performance at mid term pregnancy and post –partum.  
(56th Annual Conference of The Association of Physiologists & Pharmacologists of India, 22-24 Dec APPICON 2010, Datta Meghe institute of medical Sciences, Sawangi, Wardha, Maharastra.



24. C-reactive protein as risk markers in various age groups.  
(56th Annual Conference of The Association of Physiologists & Pharmacologists of India, 22-24 Dec APPICON 2010, Datta Meghe institute of medical Sciences, Sawangi, Wardha, Maharashtra.
25. Myocardial mechanics in obesity (Physicon 2011, NRI Medical College, Vijayawada, A.P.).
26. Left Ventricular performance in asymptomatic untreated essential hypertension. (57th Annual Conference of The Association of Physiologists & Pharmacologists of India, 13-17 Dec APPICON 2011, AIIMS, New Delhi.
27. Inflammatory risk markers in untreated essential hypertension IJPPAZ 56(5) ISSN 0019-5499 (58<sup>th</sup> Annual Conference of The Association of Physiologists & Pharmacologists of India, APPICON 2012 held at Subharti Medical College Meerut)
28. Cardiovascular risk assessment at menopause. IJPPAZ 57(5) ISSN 0019-5499 (59<sup>th</sup> Annual Conference of The Association of Physiologists & Pharmacologists of India, APPICON 2013 held at NIMHANS, Bangalore
29. Understanding cardiovascular adaptation at first and second trimester of normal pregnancy. IJPPAZ 57(5) ISSN 0019-5499 (59<sup>th</sup> Annual Conference of The Association of Physiologists & Pharmacologists of India, APPICON 2013 held at NIMHANS, Bangalore
30. Arterial stiffness and pulse wave velocity in normotensive and pre-eclamptic pregnancies. BPCON November, 2013, KGMC Lucknow).
31. Assessment of Cardiovascular Risk in Surgical & Natural Menopause. IJPPAZ 58(5) ISSN 0019-5499 (60<sup>th</sup> Annual Conference of The Association of Physiologists & Pharmacologists of India, APPICON 2014 held at Puri, Odisha)

**Attended and Participated in Conference, CME and Workshops**

- 6<sup>th</sup> National Convention of FFPAI (A Conference of Family Physicians' associations of India.), 8-10 Jan. 1999. at Rajkot, Gujarat, India.
- Workshop on Physiology teaching in Medical Colleges of Gujarat. Department of physiology, Pramukh Swami Medical College, Karamsad, 18<sup>th</sup> Jan. 2002.
- CME on Bioinformatics, 17<sup>th</sup> Dec. 2002, KGMC Lucknow, U.P., India. XXIV Annual Conference of Physicians of Gujarat; Surat, Gujarat, India, January-2003.
- Pre-conference Workshop on skills enhancement clinics, 3rd Jan. 2003 Surat, Gujarat, India.
- Workshop on Iodine Deficiency Disorder, Mahavir Cardiac Hospital, Surat Gujarat, India.
- Workshop on Pranayam: Techniques, Physiological basis & Therapeutic potential 11<sup>th</sup> Dec. 2005 at JIPMER, Pondichery, India.
- Attended workshop on application of SPSS package as resource person, delivered guest lecture & coordinated the session held at GSL medical College, Rajahmundry.
- Workshop on teachers training program at GSL medical college, Rajahmundry.
- Organized teachers training program at BPS Govt. Medical College for women as organizing secretary, 2013.

I declare that the information given above is true to the best of my knowledge and belief.

**Dr Anil Kumar Pandey**