

**SRR AND CVR GOVT. DEGREE COLLEGE**  
*Department of biochemistry 2017*

**Guest lecture**

**Activity:** Guest lecture on Understanding "Machines and Fuels in a Nephrologist point of view."

**Date:** 15/12/2017

**Students:** I, II, III BSc. M BC Students

**Resource Person:** Dr. P. Anil Kumar  
Assistant professor in Biochemistry  
Department of Biochemistry  
University of Hyderabad

**Description:** Department of Bio conducted a guest lecture- Biochemistry on 15<sup>th</sup> December 2017 by Dr. P. Anil Kumar, assistant professor Department of Biochemistry, University of Hyderabad. The lecture was delivered on "Understanding Machines and Fuels in a Nephrologist point of view." It was a detailed talk on the structure of the Kidney, its functional units, Nephrons, formation of urine, etc.; the lecture focused on the Podocytes key cells in urine formation, the molecular structure of slit diaphragm of podocytes, also emphasized an overview on obesity-related diabetic nephropathy problems, the importance of diet and motivated students to avoid junk food carbonated beverages, etc. Guided students about the entrance examination for PG at UOH.

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**SRR & CVR GOVT. DEGREE COLLEGE**  
(Autonomous)

NAAC accredited with 'B' Grade

Machavaram, Vijayawada - 520 004, Krishna District.

Cell: 94922 34488 Ph: 0866-2430060 Fax: 0866-2441092 www.srrcvr.org srrmadvr@gmail.com

**Dr. Velaga Joshi, Principal**

M.A., M.A. (Hons.), M.A. (M.C.), B.L., M.Ph., Ph.D.

To,

Anil Kumar Pasupulati Ph.D.

Assistant Professor

Department of Biochemistry

School of Life Sciences

University of Hyderabad

Hyderabad-500046

Respected Sir,

Sub: Invitation to deliver a lecture at S.R.R&C.V.R. Govt (A) DEGREE COLLEGE.

The Department of Biochemistry is proposing to conduct guest lecture on Dec 2017 to motivate and to create awareness among under graduate students on latest trends in biochemistry.

Your expertise and experience in biochemistry will be an excellent resource to our programme and it is honor and pleasure to invite you to deliver a guest lecture of your choice.

On behalf of our life sciences faculty I am requesting you to kindly accept our invitation and I look forward for your positive response.

Thanking You,

Yours sincerely,

Dr. VELAGA JOSHI

SRR & CVR GOVT. DEGREE COLLEGE  
(Autonomous)  
Machavaram, VIJAYAWADA - 520 004

Dr: 13-12-2017.

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*Department of biochemistry 2017*

**Anil Kumar Pasupulati Ph.D.**  
Assistant Professor  
Department of Biochemistry  
University of Hyderabad, Hyderabad, INDIA



• **Office Address:**

Dept. Biochemistry  
School of Life Sciences  
University of Hyderabad  
Gachibowli, Hyderabad, India  
E-mail: pasupulati.anilkumar@gmail.com  
pakumarsl@uohyd.ernet.in  
Tel: +91-40-23134519; +91-9493181349

• **Research Interests:**

Growth hormone signaling in diabetic renal complications, Non-enzymatic glycosylation of renal proteome, Transcription factors in kidney.

• **Education:**

2008 Ph.D. Biochemistry, Osmania University, Hyderabad.  
2002 M.Sc. Biochemistry, Andhra University College of Science, Visakhapatnam.  
2000 B.Sc. Microbiology, Acharya Nagarjuna University, Guntur.

• **Postdoctoral & Fellowship Appointments:**

2012 - 2014: DST-INSPIRE Faculty, National Institute of Nutrition, India.  
2008 - 2011: Post-doctoral fellow, University of Michigan, Ann Arbor, USA.  
2007-2008: Post-doctoral fellow, University of California, Irvine, USA.

• **Awards and recognitions:**

2017. Department of Health Research HRD Fellowship by Govt. of India.  
2016. ERA-EDTA Travel Award to participate, International Podocyte Conference, Israel.  
2014. Wood-Whelan Research Fellowship by IUBMB to visit Univ. Bristol.  
2012. FASEB Travel Award, Snowmass village, CO, USA.  
2012. Wellcome Trust-DBT Early career Awardee (not availed).  
2011. DST-INSPIRE Faculty Fellowship Awardee.  
2010. Endocrine Trainee and Travel Award, ENDO, San Diego, CA.  
2007. K.V. Rao Scientific Research Award in Biological Sciences.  
2002. Junior Research Fellowship Award by CSIR and ICMR

• **Research Grants:**

DST-INSPIRE Faculty Grant (2012-17)  
SERB-Fast track Grant (2013-17)  
UGC-Startup Grant (2014-16)  
SERB-EMR Grant (2016-19)

• **Publication:**

1. K Nakuluri, D Mukhi, R Nishad, MA Saleem, R Menon, **AK Pasupulati**. Hypoxia Induces ZEB2 in Glomerular Podocytes: A Novel Role of HIF1 $\alpha$ -ZEB2 axis in the Pathogenesis of Proteinuria (revised manuscript Communicated to BBA Molecular Basis of Disease).
2. D Mukhi, R Nishad, R Menon, **AK Pasupulati**. Novel actions of Growth Hormone in

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# Guest Lecture

15/12/17

By Dr. P. Anil Kumar  
University of Hyderabad.

Topic - Understanding Machines  
& fuels in a nephrologist  
point of view.

Dr. P. Anil Kumar, Assistant professor from Hyderabad Central University visited our College on 15/12/17 and delivered a lecture on "Understanding Machines & fuels in a nephrologist point of view". It was an excellent way of presentation started with junk food problems, and explained in detail about obesity and related kidney problems. Students are motivated well and raised doubts.

It was an excellent and motivated lecture!

Dr. Anil Kumar.

S. V. Galaseen

G. Kavalika

## Student Signatures

1. K.S. Maharchi	-	K.S. Maharchi	
2. A. Raghunath Reddy	-	A. Raghunath Reddy	
3. M. Md. Shahid Ali	-	Md. Shahid Ali	
4. K. Vishwanathay	-	K. Vishwanathay	
5. K. Vijay Krishna	-	K. Vijay Krishna	
6. T. Suresha	-	T. Suresha	
7. G. Latha	-	G. Latha	
8. K. Keela Prasad	-	K. Keela Prasad	
9. M. Durga Prasad	-	M. Durga Prasad	
10. P. Kranthi Kumar	-	P. Kranthi Kumar	III B.2.C (E.M)
11. Sk. Amran Basha	-	Sk. Amran Basha	III B.S.C (E.M)
12. K. Anu Santhosh	-	K. Anu Santhosh	I.B.S.C (E.M)
13. G. Manoj Kumar	-	G. Manoj Kumar	I.B.S.C (E.M)
14. D. Manasa	-	D. Manasa	21
15. M. Ratna Kumari	-	M. Ratna Kumari	
16. L. Lalitha Bhargavi	-	L. Lalitha Bhargavi	2 <sup>nd</sup> MBC.
17. T. Yasaswini Sri Sai	-	T. Yasaswini Sri Sai	2 <sup>nd</sup> MBC
18. K. Bhavani	-	K. Bhavani	2 <sup>nd</sup> MBC
19. M. Sravani	-	M. Sravani	III <sup>rd</sup> MBC
20. P. Aruna Kumari	-	P. Aruna Kumari	I <sup>st</sup> MBC.
21. K. Durga	-	K. Durga	2 <sup>nd</sup> MBC.
22. K. Lakshmi Prasanna	-	K. Lakshmi Prasanna	I <sup>st</sup> MBC
23. A. Jyothika	-	A. Jyothika	I <sup>st</sup> MBC
24. K. Sravan Kumar	-	K. Sravan Kumar	I <sup>st</sup> MBC
25. P. Naga Thirupathana	-	P. Naga Thirupathana	I <sup>st</sup> MBC
26. R. Santhi Jyothi	-	R. Santhi Jyothi	III <sup>rd</sup> MBC.
27. Sd. Gouda	-	Sd. Gouda	III <sup>rd</sup> BSC MBC
28. P. Lavanya	-	P. Lavanya	I <sup>st</sup> MBC.
29. M. Sindhu	-	M. Sindhu	2 <sup>nd</sup> MBC
30. G. Mani	-	G. Mani	I <sup>st</sup> MBC
31. N. Anshu	-	N. Anshu	2 <sup>nd</sup> MBC

31.	N. Meghana	Megha	I <sup>st</sup> MBC.
32.	G. Nag Lakshmi	Nag Lakshmi	II
33.	P. Krupari	Krupari	III BSC MBC
34.	A. NAZMA	A	II BSC MBC.
35.	G. Ganesh	G. Ganesh	I BSC MBC
36.	S. Keerthi	S. Keerthi	I BSC MBC
37.	K. Bhargavi	K. Bhargavi	III BSC (MBC)
38.	G. Santhakumari	G. Santhakumari	II
39.	Ch. Bhargavi	Ch. Bhargavi	II Indya B.S.C
40.	M. Nandini	M. Nandini	III BSC.
41.	R. Dunga Rajewari	R. D. Rajewari	II Indya BSC
42.	P. Nalanda	P	I BSC
43.	Bhasiviswanath	Bhasi	I. BSC. mbe