

**DETAILED PROFILE**



1. Name (In Capital) Dr.U.Vijaya Usha Sree
2. Date of Birth(DD/MM/YYYY) 01/07/79 Age (in years) :43 years
3. Address:Dr.BRAOU .,Phone/Mobil 8008835095

Qualification MSc, M.Ed ,Phd (in Physics)

4. Areas of Interest / Specialization: Spectroscopy
5. Area of Specialization : Spectroscopy (Bio Physics)
6. Date of Appointment i. *In the Institution* :Dr.BRAOU : 9<sup>th</sup> JAN 2017  
ii. *Present Position* :Assistant Profecer(c)

7. Awards / Recognitions :

8. Details of Contribution in the Subjects / Faculty

a. Design of Curriculum i. *Theory* :

ii. *Practical* :

i. *Direct / offline* : *Direct/Offline 1,2,3,4,5,6 SEMESTERS*

ii. *Online* : *Sem-3,Sem-5 theory clases*

iii. *Audio lessons* : 7

iv. *Video lessons* 1

c. Preparation of Course Material / Lab Manuals (please enclose the list)

i. Course Writing

Theory			
S. No.	Programme	Title of the Course	Title of the unit(s)
	Semester – 2	Waves and Oscillations	Ultrasonics

Practical			
S. No.	Programme	Title of the Course	Title of the unit(s)
1.	Semestre-2	Waves and Oscillations	Study of oscillations of mass under different combinations of springs series and parallel
2.	Semestre-2	Waves and Oscillations	Volume resonator
3.	Semestre-3	Thermodynamics	Boyle's Law
4.	Semestre-3	Thermodynamics	Heating efficiency of electrical kettle with varying voltage

ii. Course Editing

Theory			
S. No.	Programme	Title of the Course	Title of the unit(s)
	NIL	NIL	NIL
	NIL	NIL	NIL

Practical			
S. No.	Programme	Title of the Course	Title of the unit(s)
	NIL	NIL	NIL
	NIL	NIL	NIL

iii. Course Co-Ordination

S. No.	Programme	Title of the Course
	Semestre -1	Mechanics
	Semestre-2	Waves and Oscillation
	Semestre-3	Thermodynamics
	Semestre-4	Optics
	Semestre-5	Electromagnetism
	Semestre-5	Basic Electronics (DSE-A)
	Semestre-5	Material Science (DSE-B)
	Semestre-6	Modern Physics
	Semestre-6	Digital Electronics and Communications(DSE-C)
	Semestre-6	Physic of Nanomaterials(DSE-D)

**d. e-Content Lessons/ Courses / Editing**

S. No.	Programme	Title of the Lessons / Course / Editing	E-Content Source

**e. Radio/ Video/ Teleconferencing/ Web Conferencing/ Webinar (please enclose the list)**

S. No.	Programme	Course No. & Title	Title of the Lesson	Mode of the Lesson
1	Semestre-4	Optics	Polarization	Radio
2.	Semester -5	Electromagnetism	Spontaneous magnetization	Radio
3.	M.Sc-1	Quantum mechanics and Statistical mechanics	Postulates of quantum mechanics and statistical mechanics	Radio
4	Semester -4	Optics	Applications of Lasers	Radio
5.	Semester -2	Waves and Oscillations	Doppler Effect	Radio
6.	Semester -5	Basic electronics	Types of Semiconductors	Radio
7.	Semester-5(core)	Modern physics	Kirchaff's Laws	Radio
8.	Semester-2	Waves and Oscillations	Ultrasonics and its applications	Video
9.	Semester-2	Waves and Oscillations	Fundamental of Vibrations and Oscillations	Teleconferenc e
10.	Semester-2	Waves and Oscillations	Ultrasonics and its applications	Teleconferenc e
11.	Semester-1	Science and Technology	Health, Disease and its management	Teleconferenc e

**9. Teaching .**

**a. Counselling / Teaching (Details may be enclosed)**

S.No.	Programme	Theory			Practical			
		Course No.	Course Title	No. of Hours	Course No.	Course Title	No. of Hours per Batch	No. of Batches
1.					Semester-1	Mechanics	24	1
2.					Semester-2	Waves and Oscillations	24	1
3.					Semester-3	Thermodynamics	24	1
4					Semster-4	Optics	24	1

					Semester -5	Basic electronics	24	1
					Semester-5	Material science	24	1
					Semester-6	Modern physics	24	1
					Semester-6	Nanomaterials	24	-

**Total Number of Hours Theory Counseling**

*i. Direct / offline* \_\_\_\_\_

*ii. Online* \_\_\_\_\_

*iii. Audio lessons* \_2\_\_\_\_\_

*iv. Video lessons* \_\_1\_\_\_\_\_

**Total number of Hours Practicals Counselling**

*i. Direct / offline :for batch* 24 hours

*ii. Online* :NIL

*iii. Audio lessons* :NIL

*iv. Video lessons* :5

**10. Course wise Teaching Plan to Counsellors to be implemented at all Study Centers in stipulated No. of Hours (Course wise details may be enclosed)**

S.No	Programme	Course Number & Title	No of Hours per Block	Remarks
.	NIL	NIL	NIL	NIL

**11. Summer / Winter Schools Conducted (Details may be enclosed)**

S.No	Course Number & Title	No. of unit(s)	No. of. Hours
	NIL	NIL	NIL

**12. Details of Participation in the following**

**a. University examination evaluation**

i. UG :All paper in UG (CBCS)

ii. PG : Nil

iii. M.Phil & Ph.D :NIL

iii. Diploma /PG Diploma :NIL

iv. Certificate Courses :NIL

**b. Paper Setting**

i. UG :Sem -1,Sem-2,Sem-3,Sem-4,Sem-5,Sem-6,

- ii. PG :NIL
- iii. M.Phil & Ph.D :NIL
- iV. Diploma /PG Diploma :NIL
- v. Certificate Courses :NIL

**c. Preparation & Evaluation of Assignments**

- i. PG 1<sup>st</sup> year and 2<sup>nd</sup> years & Course 1, Course 2, Course-5, Course-6

**d. Examinations Conducted :UG and PG Practical examinations**

**e. Evaluation of Thesis / Dissertations :NIL**

*(Enclose the list of evaluated Thesis / Dissertation titles)*

**13. Research Projects**

**i) Completed**

S. No.	Title of the Project	Funding Agency (UGC/DEC/CSIR/DST etc)	Amount Sanctioned	Year (From-To)
	NIL	NIL	NIL	NIL

**ii) On-going**

S. No.	Title of the Project	Funding Agency (UGC/DEC/CSIR/DST etc)	Amount Sanctioned	Date of Commencement	Expected date of Submission
	NIL	NIL	NIL	NIL	NIL

**14. \*Number of Ph.D. Candidates Awarded :NIL**

**15. \*Number of Ph.D. Candidates Currently Working :NIL**

**16. \*Number of M.Phil. Candidates Awarded : NIL**

**17. \*Number of M.Phil. Candidates Currently Working : NIL**

*(\*please enclose the list of candidate names, registered year and title of work)*

**18. Research fellowship**

S.No.	No. of Research Scholar	Funding Body
	NIL	NIL

**19. Publications**

**i) Books (please enclose the list)**

S. No.	Author(s)/ Editor (s)	Title	Publisher	Year of Publication	Page No.(s)
	NIL	NIL	NIL	NIL	NIL

**ii) Articles / Papers Published in Books (please enclose the list)**

S. No.	Title of Article/ Paper	Title of the Book	Editor(s) Name	Publisher with ISBN/ISSN	Year of Publicatio n	Page No. (s)
	NIL	NIL	NIL	NIL	NIL	NIL

**iii) Articles Published in Journals (please enclose the list)**

Sl. No.	Title of Article	Journal with ISBN/ISSN	Year/Month
1	A Study on Infrared Spectroscopy of Human blood of Patients suffering from Diabetes Mellitus	http://www.ijisr.com, 2456-2165, vol -6 issue 6	June 2017
2	A Study on Infrared Spectroscopy of Human blood	http://www.ijset.net, 2277-663x(p);2278-3687(o);Vol-5 issue3	June 2016
3	FTIR Spectroscopic Analysis on Human blood groups	2277-663x(p);2278-3687(o);Vol-6 issue 2, http://www.ijset.net	June 2017
4	A FTIR Spectroscopic Study on Quantitation of Glucose in Human blood serum	2319-8753(o),2347-6710(p);Vol-6 Issue 4, http://www.ijirset.com:an ISO 3297:2007 certified	April2017
5	A FTIR Spectroscopic Study on Quantitation of Albumin in Human blood serum	2319-8753(o),2347-6710(p);Vol-6 Issue 11, http://www.ijirset.com:an ISO 3297:2007 certified	Nov 2017
6	A FTIR Spectroscopic Study on Quantitation of Billirubin in Human blood serum	2456-6683;Vol-2,issue 9, <a href="http://www.ijrcs.org.ugc">www.ijrcs.org.ugc</a> care journal no:64291;DOIS:2017, <a href="http://www.ijrcs.org.ugc">www.ijrcs.org.ugc</a> care journal no:64291;DOI:2017	Sep2018
7	Infrared Spectroscopic Study on Human blood of Patients Suffering from Renal Failur	2456-6683;Vol-2,issue 3, <a href="http://www.ijrcs.org.ugc">www.ijrcs.org.ugc</a> care journal no:64291;DOI:2017	Mar 2018

8	A FTIR Spectroscopic Study on Quantitation on Urea in Human blood serum	2456-6683;Vol-8 <a href="http://www.ijrcs.org.ugc">www.ijrcs.org.ugc</a> care journal(special issue in RAANAM)	Feb2018
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**iv). Papers Presented in Conferences/Seminars/Workshops (please enclose the list)**

Sl. No.	Title of the paper	Title of Conferences/Seminars/Workshops	Presented Place and date(s)	Publisher & Year of publication
	Innovation in Science	Saifabad university collage	29 <sup>th</sup> & 30 <sup>th</sup> NOV 2017 International conferences	Innovation in Science
	Advances in Nano and Functional Material	Nizam collage	30 <sup>th</sup> & 31 <sup>st</sup> JAN 2019 National conference	Advances in Nano and Functional Material
	Recent advances in applied Nano materials	Osmania university	First National conference 4 <sup>th</sup> & 5 <sup>TH</sup> MAR2016	Recent advances in applied Nano materials
	Recent advances in applied Nano materials	Osmania university	Second National conference 16 <sup>th</sup> and 17 <sup>th</sup> FEB2018	Recent advances in applied Nano materials
	Charectrisatio n of trace elements in natural compounds by spectroscopic methods	Nizam collage	18 <sup>th</sup> & 19 <sup>th</sup> DEC2009 National seminar	Charectrisatio n of trace elements in natural compounds by spectroscopic methods

**v). Monographs/Reports (if any)** \_\_\_\_\_

**20. Conferences/Seminars/ Workshops Organized (please enclose the list)**

S. No.	Status as Organizer	Title of the Conferences/Seminars	Date(s) of Conferences/Seminars/Workshops
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NIL	NIL	NIL
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**21. Conferences /Seminars/Workshops Chaired (please enclose the list)**

S. No.	Title of the Conferences/Seminars/Workshops	Organized by	Place & Date(s) of the Conferences/Seminars/Workshops
	NIL	NIL	NIL

**22. Conferences/Seminars/ Workshops/ Symposiums/ Refresher Courses/ Orientation Courses participated (please enclose the list)**

S. No.	Title	Organized by	Place & Date(s)
1.	Proficinal development program on online teaching ,learning and assessment using OER's education technology tools and moodle MOOC platform.	CSTD(Dr. BRAOU)	Dr,BRAOU 8 <sup>th</sup> to 10 <sup>th</sup> FEB2018 Workshop
2.	Translation for Telegu to English	CSTD(Dr.BRAOU)	Dr.BRAOU 10 <sup>th</sup> &11 <sup>th</sup> DEC2019 Workshop
3.	Self learning material	GRADE(Dr. BRAOU)	Dr.BRAOU 27 <sup>TH</sup> JAN 2017 to 2 <sup>nd</sup> FEB 2017 Workshop
4.	Innovation in Science	Saifabad university collage	29 <sup>th</sup> &30 <sup>th</sup> NOV 2017 International conferences
5	Advances in Nano and Functional Material	Nizam collage	30 <sup>th</sup> &31 <sup>st</sup> JAN 2019 National conference
6.	Recent advances in applied Nano materials	Osmania university	First National conference 4 <sup>th</sup> &5 <sup>TH</sup> MAR2016
7	Recent advances in applied Nano materials	Osmania university	Second National conference 16 <sup>th</sup> and 17 <sup>th</sup> FEB2018
8.	Equiping the Unequipped empowerment through knowledge, technology &Skills	Dr.BRAOU	10 <sup>th</sup> to 12 <sup>th</sup> NOV2018 International conference



9.	Charectrisation of trace elements in natural compounds by spectroscopic methods	Nizam collage	18 <sup>th</sup> & 19 <sup>th</sup> DEC2009 National seminar
10.	Teaching and Research bio physics	Nizam collage	28 <sup>th</sup> FEB 2011 National Seminar
11.	Multifunctional material and their applications	Osmania university	29 <sup>th</sup> and 30 <sup>th</sup> MAR2016 National seminar

**23. Chairman/Member of Authority/Committee etc (please enclose the list)**

S. No.	Chairman/Member/Secretary	Committee/Authority	Year (From-To)
	NIL	NIL	NIL

**24. Membership in Professional Organization/Associations (please enclose the list)**

S. No.	Name of the Association/Organizations	Life Member/Ordinary Member
	Science congress	Life membership

**25. Faculty exchange Programme**

S.No.	Title of the Faculty Exchange Programme	Name of the institution and country	Funding body	Duration
	NIL	NIL	NIL	NIL

**26. Foreign Universities Visited for Academic Programme (Details may enclose) :NIL**

**27. Foreign Assignments (Details may enclose):NIL**

**28. Academic / Administrative Positions held**

S.No.	Designation	Institution	Period
	NIL	NIL	NIL

**29. Any other Information :**

**Date:**

**Dr.U.Vijaya Ushasree**

**Place:**

**(SIGNATURE)**

**Forwarded**

**Head**

**Dean**

**Director (Academic)**