

PROFILE



1. Name (In Capital): **Y KUMAR**
2. Date of Birth(DD/MM/YYYY) 03-04-1985 Age (in years) :37years
3. Address: Department of Botany, DR.BRAOU, Jubilee Hills, Hyderabad.
Phone /Mobile No: 9010766775
4. Qualification: M.Sc., B.Ed.AP SET
5. Area of Specialization: Plant reproduction biology & Medicinal botany
6. Date of Appointment i. *In the Institution* 02-01-2017
ii. *Present Position: Contract Assistant Professor in department of Botany*
7. Awards / Recognitions
8. Details of Contribution in the Subjects / Faculty
 - a. Design of Curriculum i. *Theory:*
 - b. Teaching Methods
 - i. *Direct / offline : 208, Study center, Dr.BRAOU Campus
B.Sc. & M.Sc.*
 - ii. *Online : B.Sc. & M.Sc.*
 - iii. *Audio lessons Both B.Sc. & M.Sc*
 - iv. *Video lessons Both B.Sc. & M.Sc*
 - 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)
1	B.Sc.	Pula mukkala pempakam-	Translated 2New Units

	Botany UG-II Year,Sem- IV SEE (T)		Unit-2: prakruthi drushyam mariyu turf(pachika midanala)nirvahana Unit:3: Pula makkala pempakam rakshana: kathirinchabdina/ vidi pushpaala sankathikatha uthppathi
2	UG III Year Sem-V Elective-B :	Plant Tissue Culture and Genetic Engineering	Prepared 1New Unit Unit-9: Methods of Gene Transfer
3	UG III Year Semester-VI CORE	Plant Physiology and Ecology	revised 3New Units Unit-2: Mineral Nutrition Unit-3: Enzymes Unit-6: Translocation of Solutes
4	UG III Year Sem-VI Elective-D	Seed Technology	Prepared 2 New Units Unit-5: Seed Marketing Unit-6: Seed Treatment

Practical			
S. No.	Programme	Title of the Course	Title of the unit(s)
1	B.Sc Botany UG I Year,Sem-II BS213BOT- ELM & BS213BOT- TLM	Bryophyta,Pteridophyta,Gymnosperms and Paleobotany	Revised 8 units Unit-1:Marchantia, Anthoceros Unit-2: Funaria Unit-3:Lycopodium, Equisetum Unit-4: Marsilea. Unit-5: Pinus Unit-6: Gnetum Unit-7: Lyginopteris Unit-8: Ptilophylam
2	UG –III BS513BOT DSE(B)- ELM&TLM	Plant Tissue Culture and Genetic Engineering	Prepared 1 New Unit Unit-3: Plant micropropagation in carrot
3	UG –III	Semester-VI :Laboratory Manual And Record	Revised 2 units

	BS613BOT-ELM&TLM	Plant Physiology and Ecology	Unit-7: Soil Analysis Unit-8: Determination of Ph of Soil Sample
4	UG –III BS613BOT DSE(D)- ELM&TLM	Elective-D :Seed Technology	Prepared 2 New Unit Unit-1: Testing of Seed Viability Unit-8: Harvesting and Importance of Seeds

ii. Course Editing- Nil

iii. Course Co-Ordination -Nil

S. No.	Programme	Title of the Course
1		

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

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

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

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.	UG I Year	Semester I Microbial Diversity Algae and Fungi	Jeevam Puttuka	Audio
2.	PG I Year	C1- Microbial Diversity Viruses ,Bacteria and Fungi	Economic Importance of Bacteria	Audio
3.	UG I Year	Semester I Microbial Diversity Algae and Fungi	Economic Importance of Fungi	Audio

4.	UG II Year	Semester-III-Plant Anatomy and Taxonomy	Tissue Systems	Audio
5.	PG I Year	Geology	Ecosystem	Audio
6	UG II Year	Sem-IV-Developmental biology and Medicinal Plants	Pharmacognocoy	Audio
7	UG I	Sem-II Bryophyta,Pteridophyta,Gymnosperms and Paleobotany	Pteridophyta general characters	Audio
8.	UG I Year	Semester-II-Bryophyta, Pteridophyta, Gymnosperms and Paleobotany	Bryophyta lo Siddabeejada parinamam	Video
9.	UG I Year	Semester-II- Bryophyta,Pteridophyta,Gymnosperms and Paleobotany	Stelar Evolution in Pteridophyta	Video
10.	UG II Year	Semester-III-Plant Anatomy and Taxonomy	Asangatha dwithiya vrudhi	Video
11.	PG I Year	C4-Biochemistry and Plant Physiology	Photosynthesis-II	Video
12	PG II Year & UG III Year	C5- Cell biology, Genetics, Statistics and Ecology Semester-V: Cell biology and Genetics	Cell Division	Video
13	UG I & PG I Year	Semester-II- Bryophyta,Pteridophyta,Gymnosperms and Paleobotany	Pinus life cycle	Video
14	PG I Year		Biodiversity	Teleconference
15	PG II Year & UG III Year	C5- Cell biology, Genetics, Statistics and Ecology Semester-V: Cell biology and Genetics	Mutations	Teleconference
16	UG I	SemI-Science and Technology	Health Disease and its management	Teleconference

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.	PG I Year				C1	C1- Biology&Div	36	01

						iversityof Viruses ,Bacteria and Fungi		
2.	PG I Year				C2	Algae,Bryop hyta and Pteridophyta	36	01
3.	PG I Year				C4	Biochemistry and Plant Physiology	36	01
4.	PG II Year				C8	Plant Molecular biology and biotechnolog y	36	01
	UG-I Year				Sem-I	Microbial Diversity Algae and Fungi	24	01
	UG-IYear				Sem-II	Bryophyta,Pt eridophyta,G ymnosperms and Paleobotany	24	01
	UG-IIYear				Sem- III	Plant Anatomy and Taxonomy	24	01
	UG-IIYear				Sem- IV	Development al Biology and Medicinal Plnats		01
	UG-IIIYear				Sem-V	Cell Biology and Genetics	24	01
	UG-IIIYear				Sem- VElect ive	Crop Production	24	01
	UG-IIIYear				Sem- VI	Plant Physiology and Ecology	24	01
	UG-IIIYear				Sem- VIElec tive	Plant Disease Management	24	01

Total Number of Hours Theory Counseling

i. Direct / offline

ii. Online nil

iii. Audio lessons 07

iv. Video lessons 6

Total number of Hours Practicals Counselling

i. Direct / offline _____

ii. Online nil

iii. Audio lessons 5

iv. Video lessons 4

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)--NIL

S.No.	Programme	Course Number & Title	No of Hours per Block	Remarks
		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: B.Sc. Botany(All Papers)

ii. PG : M.Sc. Botany

iii. M.Phill & Ph.D. Nil

iii. Diploma /PG Diploma :Nil

iv. Certificate Courses : Nil

b. Paper Setting

i. UG: B.Sc. Botany(All Papers)

ii. PG: M.Sc.Botany (All Papers)

iii. M.Phil & Ph.D.: Nil

iV. Diploma /PG Diploma: Nil

v. Certificate Courses : Nil

c. Preparation & Evaluation of Assignments

PG: M.Sc.Botany I year& II year

d. Examinations Conducted : UG & PG

e. Evaluation of Thesis / Dissertations : No
(Enclose the list of evaluated Thesis / Dissertation titles)

Sl.no	Title of Ph.D thesis	University	Year
	Nil		

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 Writer (please enclose the list)

S.No	Title	No. of unit(s)	ISBN
1	Fundamentals of Microbiology	03	978-93-5625-284-4

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

S. No.	Title of Article/ Paper/Book chapter	Title of the Book	Editor(s) Name	Publisher with ISBN/ISSN	Year of Publication	Page No. (s)
1	PHARMACOGNOSTIC AND HPTLC FINGERPRINTING STUDIES ON LEAVES OF <i>Aerva</i> <i>javanica</i> (Burf.f) JUSS.EX SCHULT	“ROLE OF NANOTECHNOLOGY IN SCIENCE AND ENGINEERING(VOL- 1)”.	Dr.Basara Satyanarayana Authors G.Prabhaker Y Kumar	ISBN: 978- 93-5578- 884-9	2021	128- 143
2.						

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

1.Y Kumar,H Ramakrishna,D.Devender2022.Tricolporate pollen of caesalpiniaceae medicinal plants at kotlavijayabhaskarareddy botanical garden in cyberabad,telangana.*International Journal of Health Sciences/ ISSN 2550-6978*

2..N.Ramakrishna ,Y Kumar,2021 Ethbotany of Stem Barkof Some Medical Plants of Adilabad District,Telangana State,India.Iosr Journal of Pharmacy and Biological Sciences. e-ISSN:2278-3008,p- ISSN:2319-7676, Volume 16, Issue 5 Ser. I (Sep. –Oct. 2021), PP 50-54

3.Kishore Mendam , Yerkala Kumar , Niharika Burgula , Vineela Sai Megavath , Usha Sree Anandas , A. Rajani , A. Kavitha , Thirupathi Padala and Shanthi Kuthadi,**2022**. Bioremediation of hexavalent chromium by using *Cyanobacteria* and its application of the best isotherms. *Xi'an ShiyouDaxueXuebao (ZiranKexue Ban)/Journal of Xi'an Shiyou University, Natural Sciences Edition*. Vol: 65, Issue 03,pp.141-152. **ISSN:1673-064X**. DOI 10.17605/OSF.IO/P4Y6E

4.**Kishore Mendam**, Gajula Prabhakar, Yerkala Kumar, **2022**. Patent publication: The Patent Office Journal No. 12/2022 Dated 25/03/2022.Application No.202241012796 A. Publication Date : 25/03/2022.**Title of the invention:** A Processing Herbal Medicine And Composition From Medicinal Plants For External Skin Applications And Preparation Method Thereof

iv). Papers Presented in Conferences/Seminars/Workshops (please enclose the list)-Nil

9. Conferences/Seminars/Webinar/ Extension lecture/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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1.	<p>1.Prof.G.Pushpa chakrapani Dean Faculty of Science DR B.R Ambedkar open university, Jubileehills,HYD Programme director</p> <p>2.Prof.C.Manohara chary (Rtd) Osmania university,Dept of Botany Key note speaker</p> <p>3.Y kumar Assistant professor(C) Dept of Botany,DR B.R Ambedkar open university, Jubileehills,HYD Programme Convenor</p> <p>Venue: e-classroom, Faculty of science,STML Building,DR BRAOU</p> <p>89 members including Teachers,Students attended for this Webinar</p> <p>Zoom link- https://us02web.zoom.us/j/8196391907 Pass code:1911000</p>	Biology to Biotechnology (Webinar)	12-01-2022 Duration: 1 hour
2.	<p>Prof.G.Pushpa chakrapani Dean Faculty of Science Programme director</p> <p>Dr.A.Sabitharani Osmania university,Dept of Botany Key note speaker</p> <p>Venue: e-classroom, Faculty of science,STML Building,DR BRAOU</p> <p>Dr.N.Ramakrishna Assistant professor(C) Dept of Botany, DR B.R Ambedkar open university, Jubileehills,HYD Programme Convenor</p> <p>Y kumar Assistant professor(C) Dept of Botany, DR B.R Ambedkar open university, Jubileehills,HYD Programme co-ordinator</p> <p>68 members including Teachers,Students attended for this Extension lecture</p>	Genetically Modified Crops-Role in Modern Agriculture(Extension lecture)	15-06-2022 Duration:2hours 30 minutes
3	Organizing Member	National seminar on Science & Technology for Sustainable Development	2-3 September,2022

10. Conferences /Seminars/Workshops Chaired (please enclose the list) -Nil

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

S. No.	Title	Organized by	Place & Date(s)
1.	SELF LEARNING MATERIAL	DR BR AMBEDKER OPEN UNIVERSITY	HYDERABAD 27-1-2017 to 02-02-2017
2.	EQUIPPING THE UNEQUIPPED-EMPOERMENT THROUGH KNOWLEDGE AND SKILLS	DR BR AMBEDKER OPEN UNIVERSITY	HYDERABAD 10-11-2018 to 12-11-2018
3.	RECENT TRENDS IN CHEMICAL BIOLOGY	Dept.of Botany ,OSMANIA UNIVERSITY	HYDERABAD 28-11-2018
4.	TRANSLATION FROM ENGLISH TO TELUGU	DR BR AMBEDKER OPEN UNIVERSITY	HYDERABAD 13-06-2018
5.	EFFECTS OF AGRICULTURAL PESTICIDES ON HUMAN HEALTH	Dept.of Microbiology KAKATHIYA UNIVERSITY	WARAGAL 1-12-2018 to 2-12-2018
6. 7.	Basic and Applied Aspects of Plant taxonomy	Dept.of Botany ,University college for women	Koti,Hyderabad 27th,28th oct,2021
8	Integrative Biology & Applied Genetics	Dept.of Genetics and Biotechnology ,OSMANIA UNIVERSITY	OU,Hyderabd July20-22,2022

12. Chairman/Member of Authority/Committee etc (please enclose the list) -Nil

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

S. No.	Name of the Association/Organizations	Life Member/Ordinary Member
1.	The Indian science congress association(L35036)	Life Member

14. Faculty exchange Programme-Nil

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

15. Foreign Universities Visited for Academic Programme (Details may enclose) NIL

16. Foreign Assignments (Details may enclose) NIL

17. Academic / Administrative Positions held -Nil

Date:

Place:

(SIGNATURE)

Forwarded

Head

Dean

Director (Academic)