



Dr. B. R. Ambedkar University – Srikakulam
Etcherla – (A.P)-532410

1. Name (in Block Letters) : Dr. S. Uday Bhaskar
2. Department : Biotechnology
3. Current Designation & Grade Pay : Assistant Professor (Grade Pay: 6000)
4. Date and Place of Birth : 2nd July, 1979 / Place: Jandrapeta (Chirala Mandal)
5. Sex : Male
6. Marital status : Married
7. Nationality : Indian
8. Address for correspondence : Dr. S. Uday Bhaskar, Assistant Professor, Department of Biotechnology, Srikakulam, Etcherla – 532410
9. Permanent Address : Dr. S. Uday Bhaskar, S/O S.K.Sundara Rao, 14-20-677/525, New Vivekananda Nagar, Borabanda, Hyderabad – 500018 (Telephone No: 9652457373 / Email: udaybsajja@gmail.com)

10. Academic Qualifications (Matric till Post Graduation):

High School	Board of Secondary Education	1994	81.4
Intermediate	Board of Intermediate Education	1996	73.2
BSc (Ag)	Acharya NG Ranga Agriculture University	2001	78.0
MSc (Biotechnology)	Tamil Nadu Agriculture University	2003	91.0

11. Research Degree:

Degree	Title	Date of Award	University
Ph.D	Plant Sciences Molecular characterization of HUA2, a putative pre-mRNA processing factor	June, 2009	University of Western Ontario, Canada

S.No	Name of Award	Awarding Agency	Year
1	Visiting Student	Max Plank Institute for Developmental Biology, Tubingen, Germany (Detlef Weigel's Laboratory)	2005
2	CSIR-UGC–Junior Research Fellowship (JRF) & LS	UGC	2002
3	Department of Biotechnology, nominee for MSc.	GOI	2001-2003
4	CSIR NET.	CSIR	2003
5	Senior Research Fellowship	UGC	2003
6	International Graduate Student Scholarship		2004-2006

7	Special University Scholarship		2004-2006
8	Western Graduate Science Scholarship		2007-2008
9	Graduate Research Assistantship,		2004-2008
10	Graduate Teaching Assistantship, (Fall and Winter)		2004-2008

12. Period of Teaching experience: P.G. Classes in Years – 8 Years

U.G. Classes in Years - NIL

13. Research Experience excluding years spent in Ph.D. (in years) – 8 Years

14. Field of Specialisation under the Subject/Discipline

(a) Plant Biotechnology

15. Academic Staff college Orientation/refresher Course attended:

Name of the Course/Summer School	Place	Duration	Sponsoring Agency
37 th Orientation Course	UGC ASC JNTU-Hyderabad	4 weeks	UGC
Summer School / Refresher course on Strategies for Research Oriented Teaching	UGC ASC JNTU-Hyderabad	3 weeks	UGC

16. Papers Teaching for M.Sc Biotechnology Students

(i) Lectures, Seminars, Tutorials, Practical's, Contact Hours (Give semester wise details, where necessary)

SEMESTER I and III

S.NO	Course/Paper	Level	Mode of teaching	Hours per week allotted
1	BT 1.1 Cell Biology	PG	Power point presentations and chalk & Board	4 (Lectures)
2	BT 1.5 Cell Biology and Microbiology LAB	PG	Chalk & Board Demonstration	3 (Practical's)
3	BT 3.2 Plant Biotechnology	PG	Power point presentations and chalk & Board	4 (Lectures)
4	BT 3.5 Plant tissue culture Techniques Lab	PG	Chalk & Board Demonstration	6 (Practical's)
5	Seminars	PG	Evaluation and Guidance	3 (Seminars)

SEMESTER II AND IV

S.NO	Course/Paper	Level	Mode of teaching	Hours per week allotted
1	BT 2.2 Molecular Biology	PG	Power point presentations and chalk & Board	5 (Lectures)
2	BT 2.5 Molecular Biology and Genetic Engineering Lab	PG	Chalk & Board Demonstration	6 (Practical's)
3	BT 4.1 Heterologous expression and downstream processing	PG	Power point presentations and chalk & Board	2 (Lectures)
4	BT 4.3 Industrial biotechnology and Bioinformatics lab	PG	Chalk & Board Demonstration	3 (Practical's)
5	Seminars	PG	Evaluation and Guidance	3 (Seminars)

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(ii) Reading / Instructional material consulted and additional knowledge resources provided to students

S. No	Course / Paper	Consulted
1	BT 1.1 Cell Biology	Molecular biology of the cell – B. Alberts et al Molecular cell biology by Karp
2	BT 3.2 Plant Biotechnology	Plant Biotechnology By Slater
3	BT 2.2 Molecular Biology	Biochemistry by Lehninger Biochemistry by Stryer Molecular Biology By David Freifelder
4	BT 4.3 Industrial biotechnology and Bioinformatics lab	A Manual of Industrial Microbiology by Demain AL
5	BT 3.5 Plant tissue culture Techniques Lab	Plant Cell Culture – Theory and practices by Bhojwani SS
6	BT 2.5 Molecular Biology and Genetic Engineering Lab	Biotechnology: A Laboratory manual Becker J M

(iii) Use of participatory and Innovative Teaching – Learning methodologies, updating of subject content, course improvement etc.

S. NO	Short Description
1	Use of computer aided methods like power point/software 1. All theory classes are taken using PPT lectures Cell Biology / Molecular Biology 2. DNA MAN software is used to teach Bioinformatics practical's
2	Development and impartment of Soft skills Two periods per week were allotted to develop and improve soft skills and communication skills to the students

(iv) Examination duties assigned and performed

S No	Type of Examination duties	Duties Assigned
1	Evaluation of answer scripts	Semester end PG Paper valuation
2	Invigilation	BRAURSET invigilation
3	Exams Coordination	Assistant Chief superintendent PG Semester exams Chief Superintendent PG Exams
4	Flying squad duty	Flying squad for UG Examinations

CATEGORY II: CO-CURRICULAR, EXTENSION, PROFESSIONAL DEVELOPMENT RELATED ACTIVITIES

1	Coordinator, cultural and literary competitions for Annual day functions for university campus college students
2	Member purchase committee
3	Skill counselling and placement officer
4	Nodal Officer inter University research forum
5	NSS programme officer
6	Coordinator, EDCET Counselling 2013
7	Coordinator, EAMCET Counselling 2014
8	i/c Head of the Department
9	Asst. Principal, University College

10	Asst. Principal, Science College
11	Co-Convener, Dr.BRAUSKLMCET - 2018

CATEGORY III: RESEARCH, PUBLICATIONS AND ACADEMIC CONTRIBUTIONS

- A) Published papers in Journals
- B) Articles/chapters published in Books/Full papers conference proceedings/Books published
- C) Ongoing and completed research projects and consultancies

D) Research Guidance

S.No	Number Enrolled	Thesis Submitted	Degree Awarded	API Score
Ph.D or Equivalent	2			

- E) Training courses, Teacher Learning Evaluation technology programmes, Faculty Development Programmes (Not Less than one week duration)
- F) Papers Presented in Conferences, Seminars, Workshops etc

As Organizing Member

1. Organizing secretary – APSICHE Sponsored Two day National Seminar on “Recent Advances in Biopharmaceuticals and Health Care, 2016
2. Academic Consultant – Two day National Workshop on “Emerging Fields in Biology and Biotechnology”, 2014
3. Academic Consultant – Two day National Seminar on “Biodiversity and Conservation of Medicinal Plants”, 2013
4. Co Convenor – One day Workshop on Current Trends in Drug Development, 2012
5. Co Convenor – One day workshop on _____, 2011

As Resource Person

6. National Seminar on “Changing Horizons of Applied Biology”, 2010
7. Regional SAT-2012 Programme, 2012
8. UGC Sponsored Regional Workshop on “Molecular Biology Techniques”, 2013
9. UGC Sponsored National Seminar Cum Workshop “Emerging Fields in Biology and Biotechnology”, 2014.”
10. DBT Sponsored National Seminar & Workshop “Uplifting the Society through Biotechnology, 2015
11. DBT Sponsored popular lectures, 2015

As a Participant

12. Two Day workshop on “Introducing Climate Education Projects & Crowd Management to NSS Officers” MRC HRD, HYD, 2016
13. Four Day workshop on “Open Educational Resources for Development”, 2015

14. Three Day Global Summit on “Science and Technology Impact on Environment and Human Health”, 2014
15. G Gopaldaswamy, R Raghu, Uday Bhaskar Sajja, Soumya Paul and V Udayasuriyan. Cloning of genes of phycocyanin sub-unit and linker polypeptides from *Spirulina platensis*. The 10th International conference on Applied Phycology. Kunming, China. 24-28th July, 2005.
16. Sajja U and Grbic V. HUA2 interacts with FCA and is required for the accumulation of FCA γ transcript. 49th Canadian Society of Plant Physiology conference, London, Ontario CANADA. December 2007.
17. Sajja U and Grbic V. HUA2 interacts with FCA and is required for accumulation of FCA γ transcript and FLC primary transcript. In 19th International conference on Arabidopsis research, Montreal, CANADA. July 23-27, 2008

G) Invited Lectures and chairmanships at national or international conferences/seminars etc.

S. No	Title of the Lecture	Title of the Conference/seminar etc	Organised by	Whether international/national
1	Studies on Arabidopsis Natural Accessions	Changing Horizons of Applied Biology	Dept. of Biotechnology Maharajah's Post Graduate College	National
2	Biofertilizers & Chemical Fertilizers	SAT 2012 Three day programme	Govt. College for Women, Srikakulam	National
3	Online Analysis tools in Bioinformatics	National Workshop on Emerging fields in Biology and Biotechnology	Govt. Degree College, Men Srikakulam	National

S.No.	Author(s)	Title	Name of Journal	Volum e	Page	Year
1	Sajja, U., Janakiram P., Wang Q., Grbic, V	HUA2 interacts with FCA and is required for the expression of FCA γ	Under preparation for Plant Physiology	4(4)	518-526.	2013.
2	Uday Sajja., Tushar, Bishun Deo Prasad	Protoplast isolation and Fusion. Plant Biotechnology – Principles, Techniques and Applications	Apple Academic Press. Hard ISBN: 9781771885805			2017
3	Wang, Q., Sajja, U., Rosloski, S., Humphrey, T., Kim, M.C., Bomblies, K., Wiegel, D., and Grbic, V.	HUA2 caused natural variation in shoot morphology of <i>A. thaliana</i> .	Current Biology	17	1513-1519	2007

4	Uday Bhaskar Saja. , Gopaldaswamy Ganesan., Raghu Rajasekharan	A simple method for efficient extraction and purification of C-phycoerythrin from <i>Spirulina platensis</i> Geitler.	Indian Journal of Experimental Biology	43	277- 279	2005
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