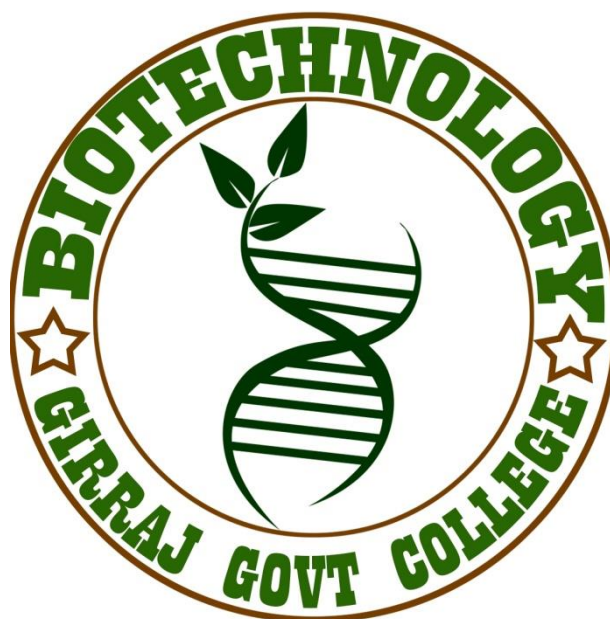


DEPARTMENT OF BIOTECHNOLOGY

**GIRRAJ GOVT. COLLEGE (A)
NIZAMABAD**



DEPARTMENT PROFILE

DEPARTMENT OF BIOTECHNOLOGY

INTRODUCTION

The Biotechnology course for the undergraduate students was introduced in combination with Botany and Chemistry during the academic year 2001-2002, under the guidance of Dr. B. Laxmanamoorthy. He was the first Incharge, who made spade work for the establishment of Biotechnology Laboratory in the college. He submitted a minor research project on “Endangered Medicinal Plants” of the Nizamabad. He made an extensive survey and identified few medicinally important plant species, which are at the verge of disappearance.

After superannuation of Sri B. Laxmann Murthy Garu from his services in 2005, Sri G. Krishna Reddy Garu, Lecturer in Botany took Incharge for Biotechnology Department. Subsequently the charge was handed over to Sri. K. Devender Babu, Lecturer in Botany in 2007, Smt. T. Umakiran, Lecturer in Botany in 2012, Miss. D. Annapurna, Lecturer in Biotechnology in 2013, Smt. P.Latha, Lecturer in Botany in 2018.

During the academic year 2018 – 2019, Biotechnology combination with Zoology and Chemistry was introduced. In 2018, Dr. Ramakrishna D and T. Praveen Kumar joined as guest faculty. Both the lecturers technically assisted the department in conducting theory as well as practicals under the supervision of Smt. P. Latha, Head of the Department during academic year 2018-19.

The department is successful in organising invited Lectures, field trips, community services, student seminars, workshops and Educational tours to enrich the student community academically.

SUCESSION OF HEADS OF DEPARTMENT

S. No.	NAME	PERIOD
1.	Dr. B. Laxmana Murthy	2001-2005
2.	Sri G. Krishna Reddy	2005-2007
3.	Sri K. DevenderBabu	2007-2012
4.	Smt. T. Uma Kiran	2012-2013
5.	Kum. D. Annapurna	2013- 2018
6.	Smt. P. Latha	2018-

LIST AND BIODATA OF PRESENT STAFF

TEACHING STAFF PARTICULARS

S. No	Name & Designation	Qualifications
1.	Dr. Ramakrishna D Faculty	M.sc., Ph.D Biotechnology
2.	T. Praveen Kumar Faculty	M.Sc. Biotechnology, SET

NON TEACHING STAFF

1. D. Uma

5 yrs

PERSONAL PROFILE

1. Name : **P. LATHA**
2. Father`s Name : **P. RAJARAM**
3. Designation : **Lecturer In Botany**
4. Qualifications : **M.Sc., M.Phil., (Ph.D) Botany**
5. Additional qualification :
(NET/SLET/CSIR/M.Phil/Ph.D.)
6. **Teaching Experience** :
 - i) Junior Lecturer : **8Yrs.**
 - ii) Degree Lecturer : **12 Yrs.**
 - iii) P.G. Lecturer : **Nil**
7. **Working profile** :
 - i) Presently working as : **Lecturer in Botany**
 - ii) Heads in the College : **Biotechnology**
 - iii) Board Members in the College : **BOS Member for Biotechnology**
8. **Positions/ Activities in the College:**
 - i) Present : Present :Member of Women Empowerment Cell
 - ii) Present : Research Centre member
9. **Conference/ Seminar/workshop Attended**
 - i) National Seminar, Emerging Trends in Plant Sciences Dept. of Botany, Kakatiya University Warangal held on 9th &10th September, 2018. “Application of Homobrassinolide increase the antioxidative enzymes of Mustard plant Grown in the Semi- Arid Tropics of Nizamabad”.
 - ii) National Seminar, Innovative Aproaches for Conservation of Plant Diversity, Dept. of Botany, Kakatiya University, Warangal. 9-3-2018 to 10-3-2018. “Application of Brassinosteroids enhances the yield of mustard plant grown in the semi-arid tropics of Nizamabad”.
 - iii) National Seminar, Chemistry-the central Science, Dept.of Chemistry at Girraj Govt. College,Nizamabad 15-9-2017. Extraction and estimation of chlorophyll in monocot (rice) and dicot (mustard) plants grown in semi-arid tropics of Nizamabad.
 - iv) Science Academies Lecture Workshop on Advances in cancer Biology. SRNK Govt. Degree ,Banswada on 25th march 2018. (Participation)
 - v) Science Academies Lecture Workshop on Advances in plant Biology & Ecology Dept.of Botany, Telangana University on 9-04-2018 to 10-04-2018
 - vi) Science Academies Lecture Workshop on Silencing :Apotential tool for functional genomics health care and crop improvement at Dept.of Biotechnology, Telangana University on 24-1-2018 to 25-1-2018.
 - vii) Science Academies Lecture Workshop on current trends in Animal sciences current trends in Animal sciences Narendra Degree & PG College, Armoor. On 16-2-2018 to 17-2-2018.

- viii) NPTL workshop in IIT madras at RGUKT-Basar, Telangana state on 29-7-2017.
- ix) National Seminar, Microbial Biodiversity, Dept. of Botany, Telangana University, N22-08-2016 on 22-08-2017.
- x) Academies Lecture Workshop Science Academies Lecture Workshop on Plant Diversity & its Conservation. Narendra Degree & PG College, Armoor on 23-01-2017 & 24-01-2017.
- xi) National Seminar, Microbial Biodiversity at Dept. of Botany, Telangana University, Nizamabad on 22-08-2016.
- xii) National Seminar, Advanced research methods in chemical Sciences, Dept. of Chemistry at MVS Degree & PG college, Mahabhoobnagar on 31-03-2017. "Modulation of Phyto- biosynthesis for Newer Natural Physiologically active ingredients by Chemical feeding".
- xiii) National Seminar, Protection of Consumer rights in digital Economy, Dept. of Commerce at MVS Degree & PG college, Mahabhoobnagar on 28-03-2017. 'e-waste and Impact of Environmental Pollution on life of Plants Animals and Human beings".
- xiv) National Seminar, Bio resources utilization and management, Dept. of Botany, Govt. Degree College, Bichkunda, on 22-12-2016 Ayurvedic uses of turmeric plant (*curcuma longa*) I treatment of multiple diseases from ancient to modern times-A Review".
- xv) Lecture series, Popular Lecture Series on Biotechnology, Department of Botany, Telangana university On 23-11-2015.
- xvi) Science Academies lecture Workshop, Green Revolution to Gene revolution, Department of Botany, Telangana University from 20.08.2015 to 22.08.2015.
- xvii) National Seminar, Medicinal Plants for better Human health, Department of Botany, Telangana university on 28th & 29th, 2015. "Study of Medicinal Values and Health benefits of Mustard Plant".
- xviii) National Seminar, Biodiversity conservation-Role of student youth, Dept. of Botany Girraj Govt. College(A), Nizamabad on 21st & 22nd Dec. 2015. "Increasing Awareness and Pro-active policies of the state in Improving Environment and bio-diversity in Nizamabad District".
- xix) State level seminar, Recent trends and advances in Plant Sciences at K.R.R..Govt.Arts & Science Coll on 23rd & 24th June 2016.ege,Kodad,Nalgonda dist. Quantitative Analysis of Chlorophyll Depletion by Phenolic drugs in *Oryza Sativa*.
- xx) National Seminar, Prospects & Potentials in Medicinal & Aromatic Plants, Dept. of botany Govt. college (UG&PG) Ananthapuram on 19th December-2015. "Effect of Physiologically active organic compounds like drugs on Growth, Development and yield formation of Rice (*Oryza sativa*)".
- xxi) National Symposium, Prospects & Potentials in Medicinal & Aromatic Plants, Dept. of botany Govt. college (UG&PG) Ananthapuram on 19th December-2015. Study of Marigold (*Calendula*) as Medicinal Plant used in Homeopathic Pharmacy.

- xxii) Workshop on Science Academies Lecture workshop on Green Revolution to Gene Revolution, Dept.of Biotechnology, Telangana university, T.S.
- xxiii) National Seminar, Role of Sports and Nutrition Its Impact on Personality Development, Department of Physical education K.V.R.Govt .College for Women, Kurnool ,18th 19th February 2015. Effect of Mustard Plant Compounds on Body building and Performance of Sports Persons: A Review
- xxiv) National Seminar, New Horizons in Biotechnology, Department of Biotechnology, K.V.R.Govt .College for Women, Kurnool, 9th& 10th February, 2015. "Influence of cyanobacteria on rice field".
- xxv) National Seminar, Competency Mapping Among College Teachers: Problems & Prospects GDC,Siddhipet,T.S, on 29th,30th Jan.2014. Life Science Teacher Performance Appraisal Procedures.
- xxvi) Conservation of Nature and Natural resources GDC, Vanaparthi, Mahabubnagar, on 21.01.2015&22.01.2015. Agricultral Practices using Vermicompost for Improved crop production: A case study in Nizamabad district. (TS).
- xxvii) National Seminar, Old and recent trends in chemical science, TARA Degree College Sangareddy 8th & 9th Jan. 2015. Role of Plasmids on Xenobiotic Degredation for environmental Bioremediation.
- xxviii) Science Academic Lecture Workshop, Current trends in Plant Sciences, Department of Botany,Telangana ,University,Nizamabad, on 8-12-2014 to 09-12-2014.
- xxix) District level Seminar & Workshop, Recent Trends in Plant Taxonomy Bio Diversity Conservation, GDC, Kamareddy on 28th. 10.2014.
- xxx) National seminar, Recent Trends in Plant Sciences, Department of Botany, Pingle Govt. College for Women Warangal, Telangana State. 11th& 12th September 2014, "Revival of traditional endangered rice cultivation : A Review".
- xxxii) National Seminar on Current Aspects in Plant Sciences at Department of Botany, Telangana University,Nizamabad. On7th March 2014.
- xxxiii) National Seminar, Democratic decentralisation and women empowerment: Startegies and challenges Dept. of Political science,womens college,Nizamabad, 6th & 7th Feb.2014. Status women in a rural village: A case study of Govindpet village.
- xxxiiii) National Seminar, Pollution Control and Management Department of Chemistry Degree College for Women HuuainiAlam, Hyderabad, Permit Rooms: Source of Avoidable plastic pollution.
- xxxv) National Seminar, Micro finance and its implications for women empowerment, Department of Economics Nehru Memorial Government Degree College,Jogipet,Medak, 18th &19th January 2014, Microfinance and its implications for women empowerment.
- xxxvi) National Seminar, The growth of Non-Farm Sector in India: opportunities and challenges , Department of Economics, GDC ,Khairatabd, Hyd.10th January, 2014,Hyderabad, Non –farm Employment in India.

- xxxvi) National Seminar, Emerging Trends in Microbial Biotechnology, Department of Microbiology, on 8th & 9th January 2014, Application of Microbial Biotechnology in cultivation of crops.
- xxxvii) National Seminar. Evaluation of Inclusive Growth strategies in Rural development, department of Economics, GDC, Armoor, NZB, on 7th & 8th dec.2013, on 'Seed Processing industries and rural development : A case study of Ankapur village in Nizamabad'.
- xxxviii) A.P Science Congress, Innovation in science and technology for emerging knowledge society (ISTEKS), Andhra Pradesh Academic of Science and University of Hyderabad 14th to 16th Nov.2013.
- xxxix) National Seminar, Plastic Pollution – A New Approach, Department of Chemistry, Girraj Govt. College (Autonomous) Nizamabad. Sponsored by UGC (in collaboration with AP Pollution Board, HYD.) on 12-08-2013, Bio – Degradable Plastics – Impact on Environment – A Review.
- xl) National Seminar, Inclusive Growth Strategies in the Rural Development, Government Degree College, Armoor on 7/8/13 and 8/8/13. Seed Processing Industries and Rural Development – A case study in the Ankapur Village in Nizamabad District.

10. Extension Work:

- Delivered a lecture on '**Plant Physiology-Photosynthesis**' for the students and lecturers in District level seminar in S.R.N.K. GDC, Banswada, dist. Nizamabad sponsored by DRC.
- Delivered Extension Lecture on **Women Empowerment** on 24-01-2014 at NSS-IV(Girls) Camp, Govindpet Mdl; Armoor
- Delivered Extension Lecture on **Biodiversity** for IIIyear students on 05-02-2014 at Govt. Degree College, Morthad.
- Delivered Extension Lecture on **Respiration At** Department of Botany, GDC, Morthad on 23.1.2015 Organized under DRC, Nizamabad.
- Delivered Extension Lecture on **Respiration & Protein Synthesis** at Department of Botany, GDC, Bhodhan.
- Delivered Extension Lecturer on **Marsilia (Pteridophyte)** on 20-02-2015 at Department of Botany, Girraj Govt. College, Nizamabad
- Delivered Extension Lecturer on **Seed technology** on 24.02.2016 at Department of Botany, Girraj Govt. College, Nizamabad.

11. Publications

1. *Effect of Brassinolide on the Groth of Mustard Crops Grown in Semi –Arid Tropics of Nizamabad.* International Journal Of Plant & Soil Science, Winger publication. ISSN: 2320-7035, Page no. (1): 1-5, 2016: no. IJPSS.21617
2. *Effect of physiologically active organic compounds like drugs on growth, development and yield formation of rice (Oryza sativa)* International Journal Of Multidisciplinary Advanced Research Trends(IJMART) ISSN : 2349-7408 VOLUME III, ISSUE 1(1), 2016
3. *A Quantitative Analysis of Chlorophyll Depletion by Aspirin and Paracetamol in Oryza sativa* Journal of Pharmacy and Chemistry (J.Pharm.Chem) Online : ISSN 2349-669X Print : ISSN 0973-9874 Volume 9 • Issue 4 • October – December 2015
4. *Impact of ASA (Acetyl Salicylicacid) and APAP (Acetyl Para Aminophenol) on morphological characteristics and yield formation of tomato plant (Solanum lycopersicum l.)* European Journal Of Pharmaceutical And Medical Research (EJPMR) ISSN 2394-3211 *ejpmr*, 2016,3(11), 541-547
5. *Effect of Homobrassinolide on bio- chemical Activities and chlorophyll pigments of mustard plants grown in semi- arid tropics of Nizamabad,* European Journal of Biomedical and Pharmaceutical Sciences [EJBPS] ISSN 2349-8870 4.382 **2017**
6. *Effect of Homobrassinolide on the growth of mustard crops grown in semi-arid tropics of nizamabad* *International Journal of Current Research in Life Sciences* Vol. 07, No. 06, pp.2320-2326 ISSN: 2319-9490 June, 2018

PERSONAL PROFILE

- | | | |
|---|---|---|
| 1. Name | : | Dr. RAMAKRISHNA D |
| 2. Father`s Name | : | LAXMINARAYANA D |
| 3. Designation | : | Faculty in Biotech |
| 4. Qualifications | : | M.Sc. Ph.D Biotechnology |
| 5. Date of Birth | : | 28-01-1987 |
| 6. Additional qualification
(NET/SLET/CSIR/M.Phil/Ph.D.) | : | Ph.D
<u>Teaching Experience</u> |
| i) Junior Lecturer | : | Nil |
| iv) Degree Lecturer | : | 1 Yr. 5 months |
| v) P.G. Lecturer | : | Nil |
| 7. <u>Working profile</u> | : | |
| iv) Presently working as | : | Faculty in Biotechnology |
| v) Heads in the College | : | |
| vi) Board Members in the College | : | |
| 8. <u>Positions/ Activities in the College</u> | : | Nil |

9. Conference/ Seminar/workshop Attended

International

5th – 8th October, 2017 VIII International Scientific Agriculture Symposium
“Agrosym 2017” held at Jahorina mountain, Bosnia and Herzegovia.

21st – 25th August 2017 Summer school Sopron, University of Sopron, Sopron,
Hungary.

28th – 31st January, 2016 International conference, Emerging Biotechnology held at
Department of Biotechnology, Kakatiya University, Warangal, India

30th - 31st January, 2014 International conference, Biodiversity, Bioresource and
Biotechnology held at The Quorum Hotel, Mysore, Karnataka, South India.

7th – 9th February, 2013 International conference, Biotechnology in
Human welfare held at Department of Biotechnology, Kakatiya University,
Warangal, India.

2nd - 4th November, 2010 International conference, Biotechnology: A Global scenario held at Department of Biotechnology, Kakatiya University, Warangal, India.

National

4th – 6th February, 2016 National conference on Plant diversity: Challenges in conservation and sustainable utilization held at Department of Botany, Kakatiya University, Warangal.

12th – 13th February, 2015 Emerging research trends in plant science in 21st century held at Department of Botany, Kakatiya University, Warangal, India.

27th – 28th November, 2014 National seminar on Recent trends in Animal Biotechnology held at Department of Zoology

27th – 28th November, 2014 National seminar on recent trends in Animal Biotechnology held at Department of Zoology, Kakatiya University, Warangal, India

11th – 12th September, 2014 National conference on Recent Trends in Plant Science held at Department of Botany, Pingle govt. college for women, Warangal, India.

11th – 13th August, 2014 National workshop on Medical Diagnostics and Microbiology Analysis of Potable Water & Food held at Kakatiya Government College, Hanmkonda, India.

27th - 28th February, 2013 National conference, Genetically modified crops and food security held at Department of Sociology and Department of Microbiology, University Arts & Science College, Warangal, India.

10. Extension Work: Nil

11. Publications:

- **Ramakrishna Dasari** , Chaitanya Gopu , Suvarchala Vankudoth and Shasthree Taduri (2018) Effect of gamma ray irradiation and ethyl methane sulphonate on *in vitro* mutagenesis of *Citrullus colocynthis* (L.) Schrad. J Plant Biotechnol 44: 55- 62.
- **Ramakrishna** and Shasthree T. (2016). High efficient somatic embryogenesis development from leaf cultures of *Citrullus colocynthis* (L.) Schrad for generating true type clones. Physiol Mol Biol Plants 22(2):279–285
- **Rama krishna Dasari**, Muralikrishna Narra, Raghu Elladula, Srinivas Kota and Shasthree Taduri (2015). Efficient *in vitro* propagation system via multiple shoot induction and assessment of clonal fidelity of regenerants in

Citrullus colosynthis (L.) Schard. Journal of plant cell Biotechnology and Molecular Biology 16(3&4):108–118.

- **Ramakrishna** and Shastree T. (2015). Adventitious Rooting and Proliferation from different explants of *Citrullus colosynthis* L. Schard an Endangered medicinally Important Cucurbit. Asian Journal of Biotechnology 7 (2): 88-95.
- Shastree T, **D Ramakrishna**, MA Imran, Ch. Chandrashekar (2014). Adventitious Shoot Organogenesis and Plant Regeneration from Leaf and Cotyledon Explants of *Citrullus colosynthis*. Journal of Herbs, Spices & Medicinal Plants 20 (3), 235-244.

PERSONAL PROFILE

1. Name : **T. PRAVEEN KUMAR**
2. Father's Name : **T. PRAKASHAM**
3. Designation : **Lecturer in Biotechnology**
4. Qualification : **M.Sc. in Biotechnology**
5. Date of Birth : **04-07-1981**
6. Additional qualification
(NET/SLET/CSIR/ M.Phil/ Ph.D) : **SET**
7. **Teaching Experience**
- i) Junior Lecturer : **Nil**
- ii) Degree Lecturer : **11 yrs**
- iii) P.G. Lecturer : **Nil**
8. **Working Profile**
- iv) Presently working as : **Faculty in Biotechnology**
- v) Heads in the College :
- vi) Board Members in College :
9. **Potions/Activities in the College** : **Nil**
10. **Conference/Seminar/Workshop Attended**

CURRICULUM VITAE



DR. RAMAKRISHNA D

Address for corresponding

Sri Shyamala Textiles
Jawahar road
Nizamabad - 503001

Email: ramkdasari28@gmail.com

Mobile: +91-9490771109

PRESENT POSITION

Guest faculty in Biotechnology, Giriraj Govt. College, Nizamabad, Telangana.

PhD from Kakatiya University, Warangal, India and University of Szeged, Szeged, Hungary.

Title of the doctoral thesis: "**Tissue culture studies and strategies for enhancement of active biomolecules in *Citrullus colocynthis* (L.) schard.**"

PERSONAL DATA

Father's Name : LAXMINARAYANA

Mother's Name : RENUKA

Date of Birth : 28.01.1987

Linguistic Proficiency: English, Hindi, Telugu

Marital Status : Married.

Nationality : Indian

ACADEMIC AND RESEARCH POSITIONS

2012 - 2015 **UGC-MRP Project Fellow**, Department of Biotechnology, Kakatiya University, Warangal, Telangana, India.

2009 - 2011 **Master of Science** in Biotechnology from Department of Biotechnology, Kakatiya University. Warangal, Telangana, India.

2006 - 2009 **Bachelor of Science** (Biotechnology, Microbiology and Chemistry) from SSR Degree College, Nizamabad, Telangana, (Osmania University), India.

2003 - 2005 **Intermediate** (Botany, Zoology and Chemistry) from Sri Kakatiya Junior College, Nizamabad, Telangana, India.

2002-2003 **10th Class** from Jawahar Navodaya Vidyalaya, Nizamsagar, Nizamabad, Telangana, India.

WORK EXPERIENCE

Since

09/2016 – 10/2017: **Biological Research Center, Szeged, Hungary.**

Position: Part time PhD, ITC Trainee

Research Supervisor: Dr. Lazlo Szabados

Project Title: “Functional analysis of HSFA4A phosphorylation in *Arabidopsis thaliana*”

Since

June 2011 – November 2012: **R. D. Women’s Degree & P.G. College**

Position: Lecture in Biotechnology

Since

12/2010 – 05/2011: **Indian Institute of Chemical Technology, Hyderabad.**

Position: Project Fellow

Research Supervisor: Dr.G.Sarala Devi

Project Title: “Paramagnetic Nanomaterials (Fe,Co) Impregnated in silica as A Matrix For Enzyme Immobilization Studies:Synthesis, Characterization and Applications.”

LIST OF PUBLICATIONS

1. **Ramakrishna Dasari** , Chaitanya Gopu , Suvarchala Vankudoth and Shasthree Taduri (2018) Effect of gamma ray irradiation and ethyl methane sulphonate on *in vitro* mutagenesis of *Citrullus colocynthis* (L.) Schrad. J Plant Biotechnol 44: 55- 62.
2. **Rama krishshna** and Shasthree T. (2016). High efficient somatic embryogenesis development from leaf cultures of *Citrullus colocynthis* (L.) Schrad for generating true type clones. Physiol Mol Biol Plants 22(2):279–285
3. **Rama krishshna Dasari**, Muralikrishna Narra, Raghu Elladula, Srinivas Kota and Shasthree Taduri (2015). Efficient *in vitro* propagation system via multiple shoot induction and assessment of clonal fidelity of regenerants in *Citrullus colosynthis* (L.) Schard. Journal of plant cell Biotechnology and Molecular Biology 16(3&4):108–118.
4. **Ramakrishshna** and Shasthree T. (2015). Adventitious Rooting and Proliferation from different explants of *Citrullus colosynthis* L. Schrad an Endangered medicinally Important Cucurbit. Asian Journal of Biotechnology 7 (2): 88-95.

5. Shasthree T, **D Ramakrishna**, MA Imran, Ch. Chandrashekar (2014). Adventitious Shoot Organogenesis and Plant Regeneration from Leaf and Cotyledon Explants of *Citrullus colocynthis*. Journal of Herbs, Spices & Medicinal Plants 20 (3), 235-244.

MEETINGS & SEMINARS

International

5th – 8th October, 2017 VIII International Scientific Agriculture Symposium “Agrosym 2017” held at Jahorina mountain, Bosnia and Herzegovia.

21st – 25th August 2017 Summer school Sopron, University of Sopron, Sopron, Hungary.

28th – 31st January, 2016 International conference, Emerging Biotechnology held at Department of Biotechnology, Kakatiya University, Warangal, India.

30th - 31st January, 2014 International conference, Biodiversity, Bioresource and Biotechnology held at The Quorum Hotel, Mysore, Karnataka, South India.

7th – 9th February, 2013 International conference, Biotechnology in Human welfare held at Department of Biotechnology, Kakatiya University, Warangal, India.

2nd - 4th November, 2010 International conference, Biotechnology: A Global scenario held at Department of Biotechnology, Kakatiya University, Warangal, India.

National

4th – 6th February, 2016 National conference on Plant diversity: Challenges in conservation and sustainable utilization held at Department of Botany, Kakatiya University, Warangal.

12th – 13th February, 2015 Emerging research trends in plant science in 21st century held at Department of Botany, Kakatiya University, Warangal, India.

27th – 28th November, 2014 National seminar on Recent trends in Animal Biotechnology held at Department of Zoology

27th – 28th November, 2014 National seminar on recent trends in Animal Biotechnology held at Department of Zoology, Kakatiya University, Warangal, India

11th – 12th September, 2014 National conference on Recent Trends in Plant Science held at Department of Botany, Pingle govt. college for women, Warangal, India.

11th – 13th August, 2014 National workshop on Medical Diagnostics and Microbiology Analysis of Potable Water & Food held at Kakatiya Government College, Hanmkonda, India.

27th - 28th February, 2013 National conference, Genetically modified crops and food security held at Department of Sociology and Department of Microbiology, University Arts & Science College, Warangal, India.

AWARDS

- Best poster award in National conference on Plant diversity: Challenge conservation and sustainable utilization held on 4- 6 February, 2016 at Department of Botany, Kakatiya University, Warangal.
- First prize for project entitled Water pollution during academic year 2007-2008.

REFERENCES

Prof. A. Sadanandam

Plant Biotechnology Research Unit,
Department of Biotechnology Biology,
Kakatiya University, Warangal – 506 009, Telangana State, INDIA
Email: nandamas@rediffmail.com
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Dr. T. Shasthree

Asst. Professor,
Department of Biotechnology,
Kakatiya University, Warangal- 506009, Telangana State, INDIA Email:
tadurishastri@rediffmail.com
Mobile No: +91 -87900-50059

Dr. Laszlo Szabados

Institute of Plant Biology
Biological Research Center
Szeged - 6726, HUNGARY
Email: szabados.laszlo@brc.mta.hu
Mobile No : +36303553305

DECLARATION

I hereby declare that the above provided details are true to the best of my knowledge.

Yours sincerely,

(RAMA KRISHNA D)

CURRICULAM VITAE

THALARI PRAVEEN KUMAR

S/o. Prakasham,
H.No: MIG-1-128,
New APHB Colony, Kanteshwar
Nizamabad.

Cell: 9000656169
E-mail:praveenbiotech555@gmail.com

Career Objects:

- ❖ To associate myself to work in the reputed organization that gives scope to update my knowledge and skills in accordance with latest trends and I want to be a part of team that dynamically works towards that Growth of the organization.

Summary :

- ❖ Good communication skills
- ❖ Good academic record.

Educational Qualification :

Qualification	Year of Passing	College / University Board
M.S.C(Bio-Tech)	2 0 0 6	G o v t C i t y C o l l e g e , OsmaniaUniversity,Hyderabad.
B . S . C	2 0 0 3	S.S.R. Degree College, Nizamabad.
I n t e r m e d i a t e	2 0 0 0	C.S.I. Junior College, Nizamabad.
S . S . C	1 9 9 7	C.S.I. High School, Nizamabad.

Additional Qualification:

- ❖ A.P.Set Qualified in the year 2013.
- ❖ B.Ed (Bio-Science) in the YEAR 2012
- ❖ AP SET QUALIFIED IN THE YEAR 2013

Experience:

- ❖ Worked as a Lecturer in Biotechnology and microbiology at Vasu Degree College, Bodhan from 2006 to 2014.
- ❖ Worked as a lecturer in Biotechnology at SSR degree college from 2014 to till date
- ❖ Worked as a Micro Biologist in Apple Water, Bodhan from 2007 to till date.

Technical Skills:

MOLECULAR BIOLOGICAL TECHNIQUES :

- Isolation of DNA.
- DNA finger Printing.
- Gene Transfer Mechanisms.

MICROBIOLOGICAL TECHNIQUES:

- Techniques in Isolation, Identification, Preservation of Micro Organisms.
- Fermentation of Industrial products.
- Waste Water treatment.

BIOCHEMICAL TECHNIQUES:

- Colorimetric estimation of DNA, RNA & Proteins.
- Chromatographic separations.
- Electrophoretic Separations.

BIOTECHNOLOGICAL TECHNIQUES:

- Genetic Engineering.
- Tissue Culture.

Projects:

- Colorimetric Estimations, Chromatographic Separations.
- Starch production.
- Effluent treatment of Industrial and Municipal Water.

Personal Profile:

Name : **THALARI PRAVEEN KUMAR**

Date of Birth : 04-07-1981

Father's Name : PRAKASHAM

Gender : Male

Marital Status : Married

Languages Know : English, Hindi, Telugu

Nationality : Indian

Address : T.Praveen Kumar
S/o. Prakasham,
H.No: MIG-1-128,
New APHB Colony,Kanteshwar
Cell: 9000656169
Nizamabad.
E-mail:praveenbiotech555@gmail.com

Declaration :

I hereby declare that the above information is true to the best of my knowledge. If you give me an opportunity, I will prove myself to excellent in the job.

Place :

Date :

(THALARI PRAVEEN KUMAR)

ADMISSIONS OF I YEAR STUDENTS

ACADEMIC YEAR 2013-2014

CASTE	BOYS	GIRLS
SC	06	05
ST	02	02
BC	08	12
OC	0	2

TOTAL = 37

ACADEMIC YEAR 2014-2015

CASTE	BOYS	GIRLS
SC	03	10
ST	00	01
BC	09	03
OC	00	01

TOTAL = 27

ACADEMIC YEAR 2015-2016

CASTE	BOYS	GIRLS
SC	02	07
ST	01	00
BC	06	09
OC	00	00

TOTAL = 25

ACADEMIC YEAR 2016-2017

CASTE	BOYS	GIRLS
SC	03	04
ST	01	01
BC	04	09
OC	00	01

TOTAL = 23

ACADEMIC YEAR 2017-2018

CASTE	BOYS	GIRLS
SC	02	06
ST	02	02
BC	05	28
OC	02	02

TOTAL = 49

GIRRAJ GOVERNMENT COLLEGE NIZAMABAD

DEPARTMENT OF BIOTECHNOLOGY

YEAR WISE RESULT ANALYSIS

Semester - I

PAPER-I

YEAR	NO. OF STUDENTS APPEARED	NO. OF STUDENTS PASSED	PASS PERCENTAGE
2013	33	31	93.9
2014	31	20	64.5
2015	22	19	86.36
2016	25	19	76.0
2017	43	40	93.02

1

PAPER-II

YEAR	NO. OF STUDENTS APPEARED	NO. OF STUDENTS PASSED	PASS PERCENTAGE
2013	27	25	92.6
2014	34	32	94.1
2015	29	23	79.3
2016	27	21	77.78
2017	23	22	95.65
2018	42	41	97.61

PAPER- III

YEAR	NO. OF STUDENTS APPEARED	NO. OF STUDENTS PASSED	PASS PERCENTAGE
2013	25	18	72
2014	36	22	63.9
2015	19	19	100
2016	26	21	80.77
2017	21	19	90.48

PAPER-IV

YEAR	NO. OF STUDENTS APPEARED	NO. OF STUDENTS PASSED	PASS PERCENTAGE
2013	34	34	100
2014	23	21	91.3
2015	32	30	93.8
2016	27	27	100
2017	25	17	68.0
2018	20	20	100

PAPER-V

YEAR	NO. OF STUDENTS APPEARED	NO. OF STUDENTS PASSED	PASS PERCENTAGE
2013	36	31	86.1
2014	23	19	82.6
2015	30	29	96.66
2016	24	23	95.83
2017	24	19	79.17

PAPER-VI

YEAR	NO. OF STUDENTS APPEARED	NO. OF STUDENTS PASSED	PASS PERCENTAGE
2013	19	19	100
2014	36	34	91.3
2015	20	14	70.0
2016	31	31	100
2017	23	21	91.30
2018	20	20	100

PAPER-VII

YEAR	NO. OF STUDENTS APPEARED	NO. OF STUDENTS PASSED	PASS PERCENTAGE
2013	35	33	94.3
2014	23	16	70
2015	22	13	59.09
2016	30	28	93.33
2017	24	22	91.66
2018	20	20	100

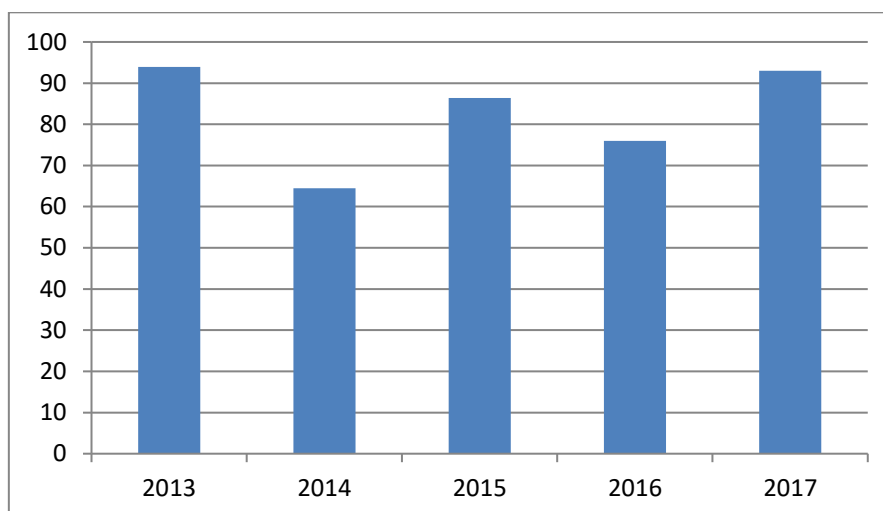
PAPER-VIII

YEAR	NO. OF STUDENTS APPEARED	NO. OF STUDENTS PASSED	PASS PERCENTAGE
2013	19	19	100
2014	36	35	97.2
2015	20	15	75
2016	29	26	89.65
2017	24	22	91.66
2018	20	20	100

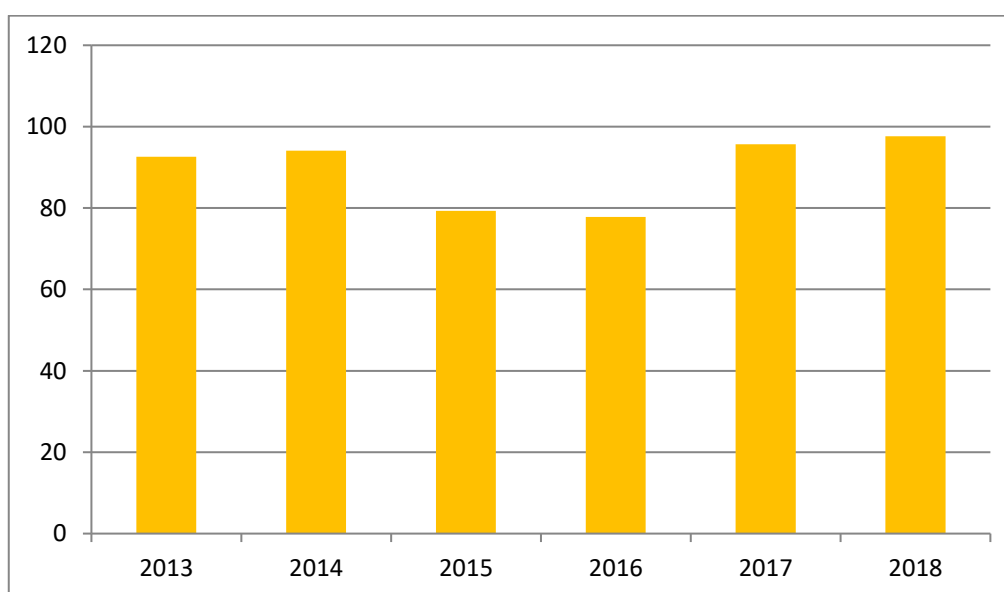
RESULT ANALYSIS OF BSC BIOTECHNOLOGY

FROM 2013 – 2018

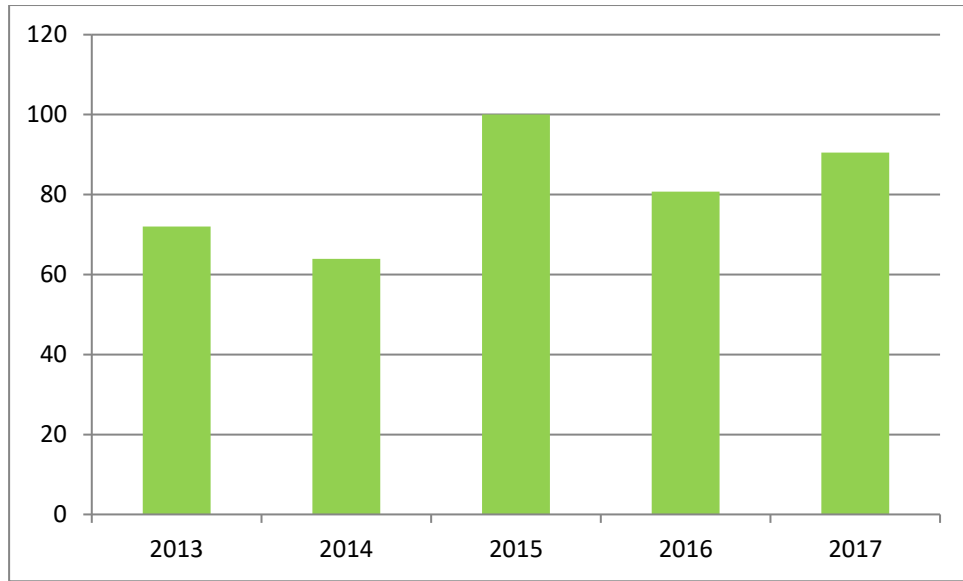
SEMESTER-I PAPER-I



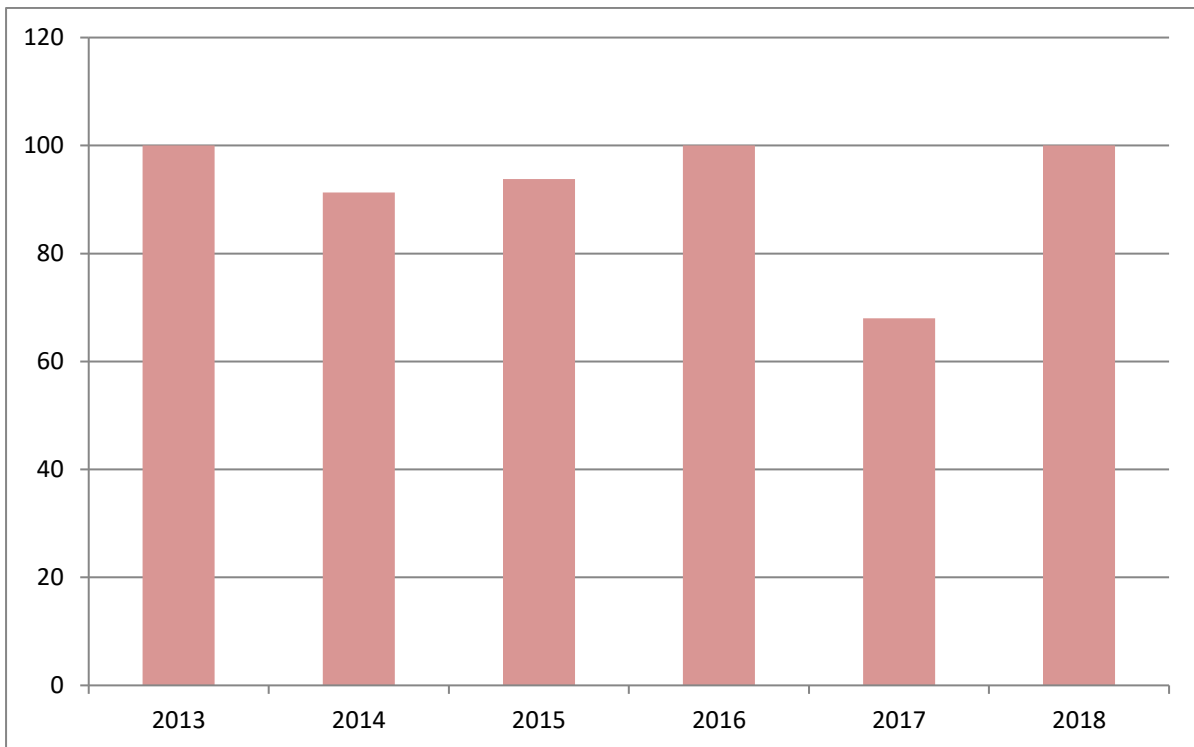
SEMESTER-II PAPER-II

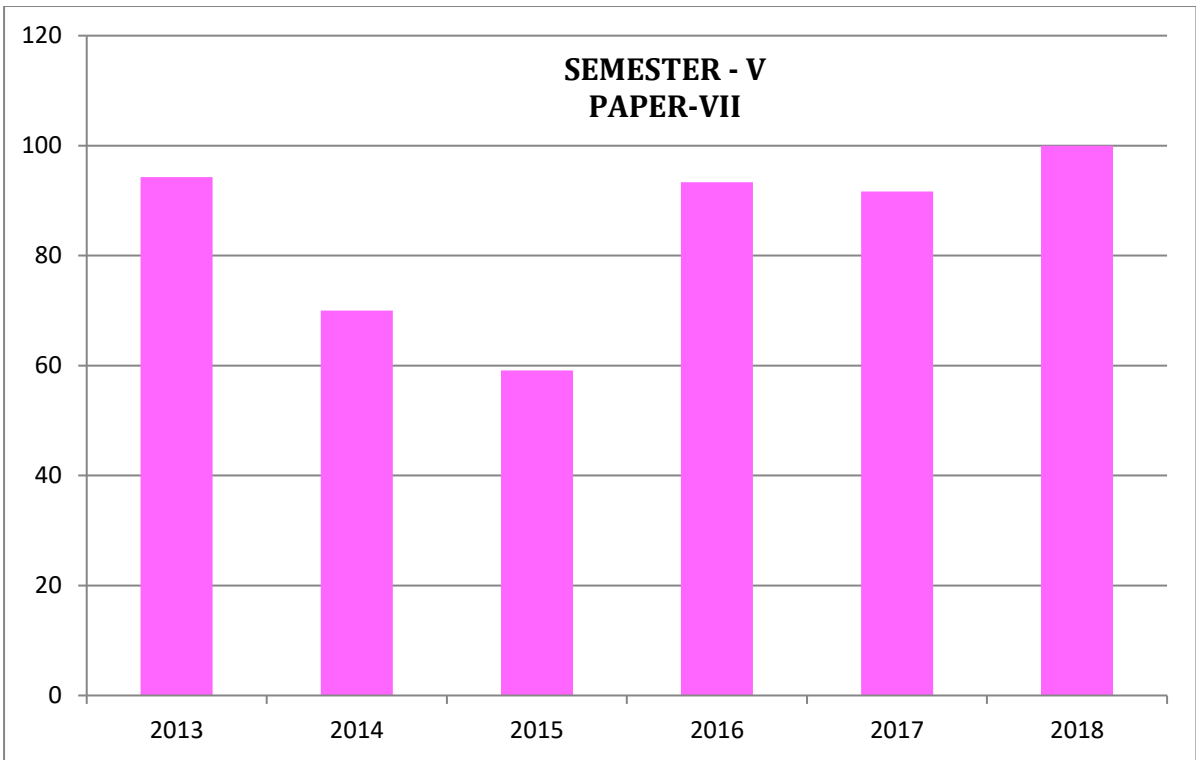
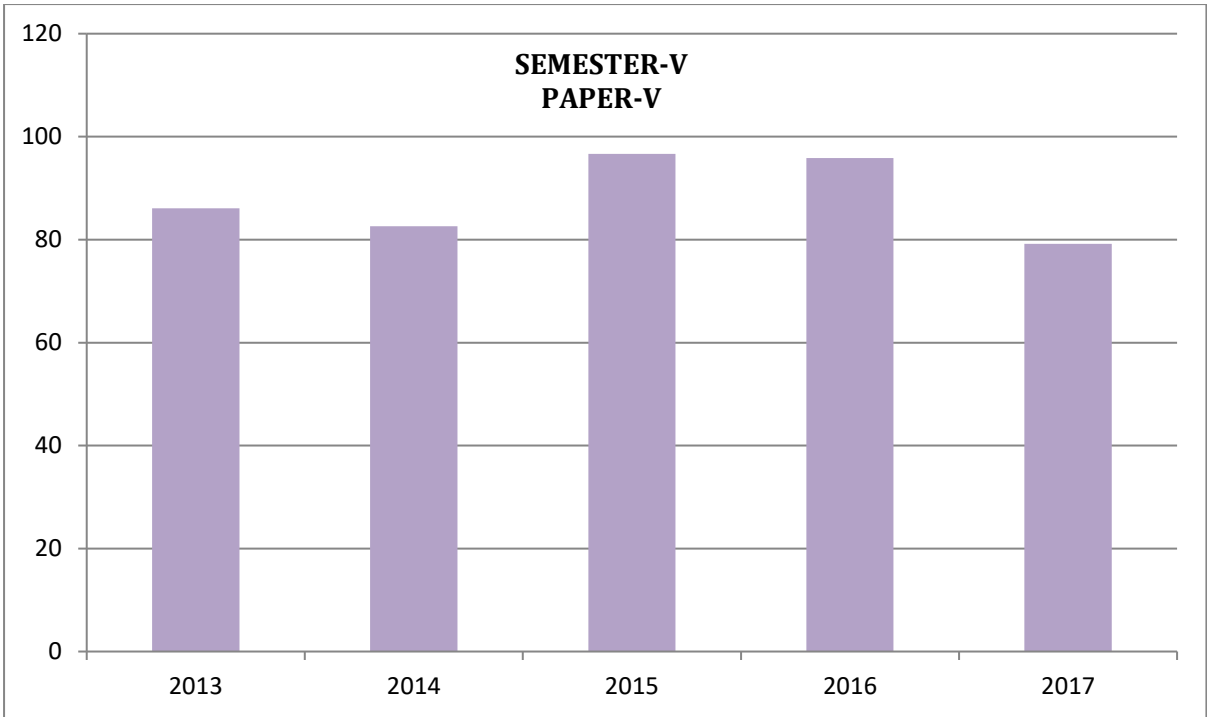


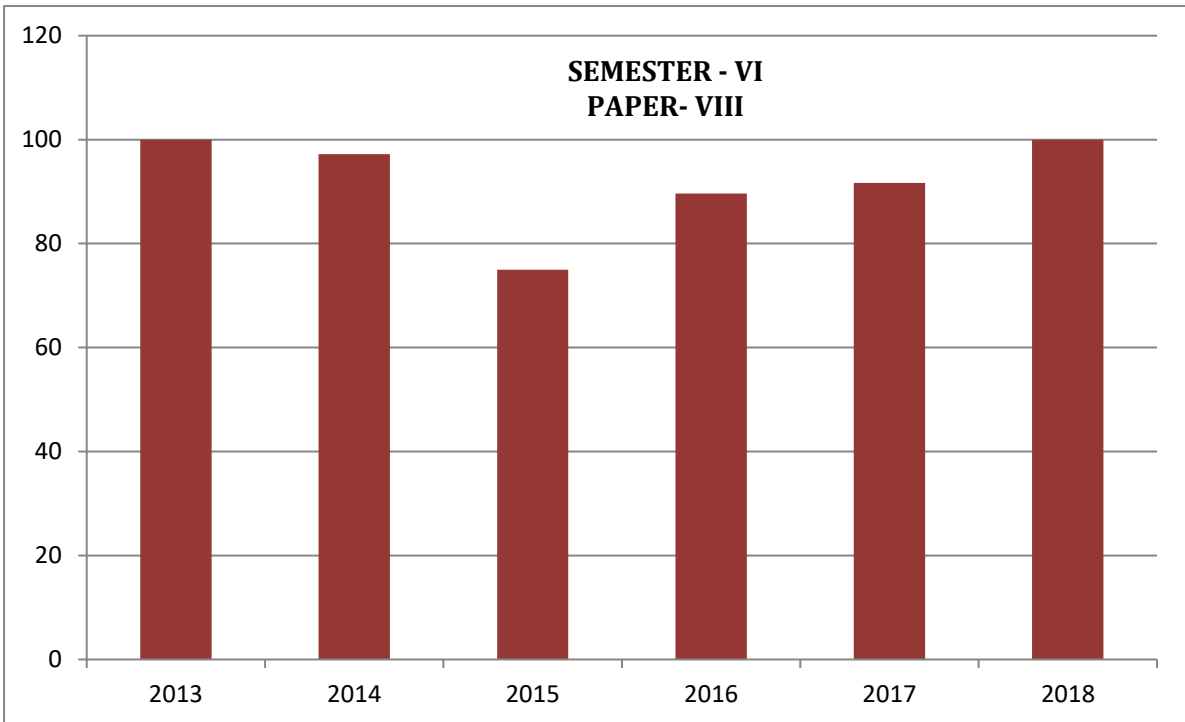
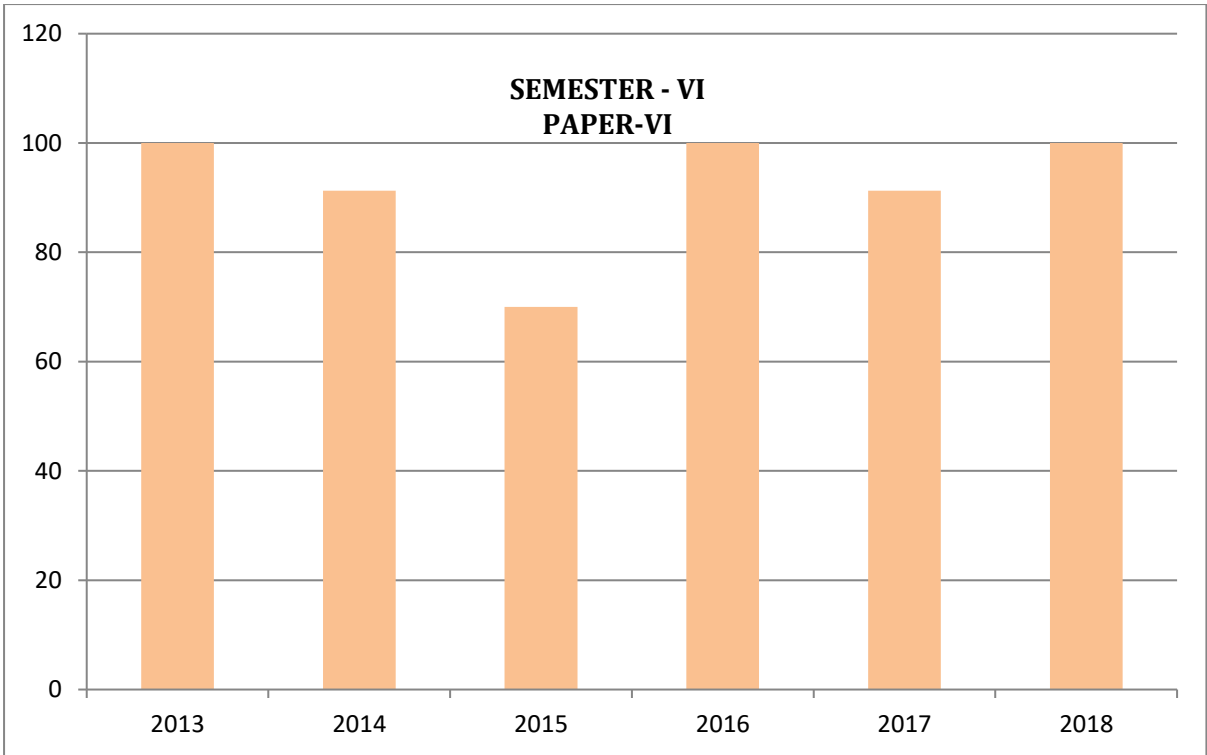
**SEMESTER-III
PAPER-III**



**SEMESTER-IV
PAPER-IV**







STUDENTS PURSUING HIGHER STUDIES

ACADEMIC YEAR 2012-13

S.NO	NAME OF THE STUDENT	ROLL NO	ACQUIRED ACADEMIC POSTION
1.	P. MEGHANA GOUD	5005-09-572-030	M.Sc. Biotechnology Osmania university.
2.	G. NAVYA SREE	5005-09-572-015	M.Sc. Biotechnology JNTU, HYD.
3.	T. SARITHA CHAITHANYA	5005-09-572-037	M.Sc. Biotechnology A.V. College HYD.
4.	L. RAJASRI	5005-09-572-025	M.Sc. chemistry R.B.V.R.R. College, HYD.

ACADEMIC YEAR 2014-15

S.NO	NAME OF THE STUDENT	ROLL NO	ACQUIRED ACADEMIC POSTION
1.	M. SRAVIKA	5005-11-572-021	M.Sc. Biotechnology Telangana University NZB
2.	M. RADHIKA	5005-11-572-015	Wipro technologies Banglore.
3.	B.SUPRIYA	5005-11-572-008	M.Sc. Biotechnology Koti Women`s College HYD.
4.	JACOB SUNNY	5005-11-572-011	M.A. English K.U. Warangal.
5.	S. YOGITHA	5005-11-572-038	M.Sc. Chemistry Girraj Govt. College NZB
6.	M. RAJU	5005-11-572-025	M.Sc. Organic Chemistry Telangana University NZB

ACADEMIC YEAR 2015-16

S.NO	NAME OF THE STUDENT	ROLL NO	ACQUIRED ACADEMIC POSTION
1.	B. VANITHA	5005-12-572-004	M.Sc. Biotechnology O.U HYD
2.	J. AKSHITHA	5005-13-572-015	M.Sc. Biotechnology

			O.U HYD
3.	K. SAROJA	5005-13-572-020	M.Sc. Biotechnology O.U. HYD
4.	P. RAMYASREE	5005-13-572-028	M.Sc. Biotechnology O.U. HYD
5.	G. PREETHI	5005-13-572-011	M.Sc. Biotchnology O.U, HYD.
6.	G. NAGAMANI	5005-13-572-009	M.Sc. Botany O.U. HYD.
7.	G. SHRAVANI	5005-13-572-013	M.A English O.U, HYD.
8.	K. SARITHA	5005-13-572-019	M.Sc. Biotechnology O.U.HYD
9.	T. KAVYA	5005-13-572-035	M.A.English O.U. HYD.
10.	P. SOUMYA	5005-13-572-029	M.Sc. Botany O.U. HYD.
11.	MOHD MOINUDDIN	5005-13-572-026	M.Sc. Biotechnology O.U.HYD
12.	R. PAVANI	5005-13-572-032	M.Sc. Chemistry O.U. HYD.

ACADEMIC YEAR 2016-17

S.NO	NAME OF THE STUDENT	ROLL NO	ACQUIRED ACADEMIC POSTION
1.	G. SHRUTHI	5005-12-572-016	M.Sc. Biotechnology
2.	B. NAGMA	5005-14-572-002	M.Sc. Chemistry
3.	G. MANISHA	5005-14-572-013	M.Sc. Chemistry
4.	CH.HIMANTHA	5005-14-572-008	M.Sc. Biotechnology O.U. HYD
5.	S. AKANESHA	5005-14-572-036	M.Sc. Biotechnology O.U. HYD.
6.	N. BALAMANI	5005-14-572-004	M.Sc. Chemistry
7.	S. VANITHA	5005-14-572-035	M.Sc. Biotechnology O.U. HYD
8.	S. KRISHNAVENI	5005-14-572-037	M.Sc. Biotechnolgy O.U. HYD.
9.	G. RASAGNA	5005-14-572-015	M.Sc. Biotechnology.
10.	K. SUPRIYA	5005-14-572-023	M.Sc. Chemistry
11.	N. VAMSHI	5005-14-572-028	M.Sc. Botany O.U. HYD

ACADEMIC YEAR 2017-18

S.NO	NAME OF THE STUDENT	ROLL NO	ACQUIRED ACADEMIC POSTION
1.	A. SAMPATH	5005-13-572-002	M.Sc. Biotechnology Flinders, Adeleade AUSTRALIA.
2.	K. SOUMYA	5005-15-572-005	M.Sc. Biotechnology O. U, HYD.
3.	T. ARTHI	5005-15-572-006	M.Sc. Chemistry O.U. HYD.
4.	D.SAIPRASHANTH	5005-15-572-003	M.Sc. Biotechnology O.U. HYD.

ACADEMIC YEAR 2018-19

S.NO	NAME OF THE STUDENT	ROLL NO	ACQUIRED ACADEMIC POSTION
1.	P. RAMYA SREE	60903910	TS SET Qualified 2018
2.	MOHD. MOINUDDIN	60204037	TS SET Qualified 2018

YEAR-WISE LIST OF EXTENSION LECTURES

S.NO	RESOURCE PERSON (NAME & ADDRESS)	TOPIC	CONDUCTED ON
1.	Dr. S .Priyanka Lec. In Biotechnology Dr. B.R.R Govt. Degree College Jadcherla, Mahubnagar(Dist)	Genome Organization in Eukaryotes	30.09.2013
2.	P.Pushpalatha Lec. In Biotechnology Govt. City College Hyderabad	DNA Damage and Repair	30.01.2014
3.	M. PrasannaSheela Asst. Professor Dept. of Biotechnology Telangana University	Cells and Organs of immune system.	03.02.2014
4.		Regulation of cell cycle and apoptosis	08.10.2015
5.	Mrs. Javeria Uzma	Genome organization in prokaryotes and Eukaryotes	09.10.2015
6.	Mrs. Javeria Uzma	Intellectual property rights and patent issues.	2017-2018
7.	Dr. Mahender Alleni	Biophysical Techniques	2017-2018
8.	Dr. K. Kiranmyee	Applications of Biotechnology	2018-2019 04-09-2018
9.	Dr. Mahender Alleni	Model organisms for scientific researches	2018-2019 22-09-2018

WORK LOAD PARTICULARS

S. No	Class	Periods		Total
		Theory	Practical	
1.	B.Sc. I year	04	06	10
2.	B.Sc. II year	04	06	10
3.	B.Sc. III year	06	12	18
	Total	14	24	38

LIST OF EQUIPMENTS IN THE DEPARTMENT

1. Hot air oven
2. Photoelectric colorimeter
3. Water bath thermostatic
4. Incubator
5. Autoclave
6. Simple balance
7. Electrophoresis apparatus
8. Overhead projector

COMMUNITY SERVICE

In addition to regular curricular activities the students of Biotechnology participated in several community service programmes and render voluntary service to the needy sections of the society:

- Students visited “Old age Home” at Sarangapur village Nizamabad and distributed fruits to the elderly people and interacted with them.

- II year B.Sc. Biotechnology Students visited the “Deaf and Dumb” school run by “Sneha Society”. They created an awareness programme on “First Aid Kit in emergency and its Importance” and also donated First aid kit.

- All the students visited Government High School Arsapally and donated First aid kit, conducted Blood Grouping programme, created awareness on Blood grouping.

DEPARTMENT OF BIOTECHNOLOGY

1. Faculty profile, adequacy and competency of faculty.

S. No	Name of the Lecturer	Designation & qualification
1.	Dr. Ramakrishna D	Lecturer in Biotechnology M.Sc., Ph.D. Biotechnology
2.	T. Praveen Kumar	Lecturer in Biotechnology M.Sc Biotechnology

Faculty Profile:-

Department of Biotechnology in GirrajGovt. College is a course running on Self Finance basis. Two Guest Faculty members are engaged for teachings learning process.

Competency:-

- The requisite qualification in M.Sc. Biotechnology. All the Lecturers have necessary Qualifications.
 - To enhance teaching learning competency, the services of the expert lecturers from neighbouring institutions are utilized.
2. Changes made in the course or programme during the past five years and the contribution of the faculty at those changes. Depending upon the societal changes and local needs of college, curriculum is altered and made suitable to the semester system. The topics are included as per the requirement of Nizamabad-Local Needs.
3. Participation of teachers in academic activities other than teaching and research.

Sri.K.DevenderBabu in charge, Biotechnology has attended an international seminar in Nano Biotechnology at Hyderabad Central University and also attended one National seminar organized by Department of Botany , Telangana University.

The Department of Biotech Girraj Govt. Degree College Nizamabad has organized a field trip to a nearby Forest (Pocharam Wild Life Conservation Project) to make the students acquainted with Flora and Fauna in the Nature. Collaborations with other departments and at National and International level and their outcome during past five years.

4. Collaborations with other department and institutions at the national and international level and their outcome during the past five years.

Recently established collaboration with ONAN Biotech Pvt. Ltd., Hyderabad. Also taking the help from Forest Department and Agricultural Department and when needed.

5. Details of the ongoing projects and projects completed during the last five years.

One UGC project got accepted. Leaf Proteins, Qualitative and Quantitative Evaluation.

6. Method of continuous student assessment periodical slip tests, unit tests and assignments are conducted to the students for their continuous Evaluation. Records maintained.

7. Placement record of the past students and contribution of the department to the student placements –Annexure enclosed.

8. Significant achievements of the department or Faculty or students during the past five years.

K. DevenderBabu Lecturer in Botany were awarded with Best Teacher citation by Lions Club International.

9. Involvement of students in the academic / co-curricular and other activities of the department.

10. Students are exposed to seminars, quiz and Group- Discussions in subject content.

They are motivated to prepare Model Charts related to subject content there by imparting skills in creativity. Students are also taken to Field trips so as to make them acquainted with natural Flora and Fauna. Students are also taken to Research Organization (Regional Agricultural Research Station Rudrur) there by helping them to develop Research skills.

11. Innovations and best practices initiated / adopted by the department.

12. Development and expansion plans of the department for the next 5 years.

The department is planning to open post Graduation Course in M.Sc Biotechnology. Students of the Department are made to participate in the Development of Extension Botanical Garden. They are Encouraged to involve in social Activities such as Blood-Donation , AIDS Awareness.

13. Faculty has participated in National Seminar “Modern Trends in Plant Sciences” at Telangana University and Presented a paper on ‘The Random Amplified polymorphic DNA, technique for detection of male and female plants in “Dioseorea species”.