## **GEETHANJALI COLLEGE OF PHARMACY**

Approved by AICTE, PCI New Delhi, Permanently Affiliated to JNTUH Recognized Under UGC Section 2F & 12B of UGC Act, 1956, by DSIR-SIRO Cheeryal (V), Keesara (M), Medchal-Malkajgiri Dist., Telangana State- 501301



# **ANNUAL REPORT** 2019-20

### Geethanjali College of Pharmacy

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#### ACADEMIC ANNUAL REPORT

AY: 2019-20

#### **Certificate Programmes**

- Certificate program on Drug Discovery for three weeks participated by Dr. R. Naga Kishore
- Certificate program on Drug Development for three weeks participated by Dr. R. Naga Kishore
- Certificate program on Drug Development for three weeks participated by Mrs. B. Sandhya
- Certificate program on Drug Commercialization for four weeks participated by Mrs.
  B. Sandhya
- Certificate program on Drug Discovery for three weeks participated by Mrs. B. Sandhya.
- Certificate program on Drug Discovery for three weeks participated by Mrs. Pooja Agarwal
- Certificate program on Drug Commercialization for four weeks participated by Mrs. Pooja Agarwal
- Certificate program on Drug Development for three weeks participated by Mrs. Pooja Agarwal
- 9. Certificate program on Numerical Methods: Finite Difference Approach for four weeks participated by G. Swapna

#### Industrial Trainings/Clinical Trainings and Project Works

- B. Pharm students have successfully completed their Industrial trainings in various industries like Pharma Deep Industries, Vimta labs, Sura Labs Sun Pharma and Dr. Reddy's, Rashmi pharmaceuticals pvt.ltd. etc
- M. Pharm students and Final year B. Pharm students have successfully completed their research projects and submitted to INTUH for the award of their degree.

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#### **Research Publications**

1. Dr.B.Bhattacharya. Antineoplastic properties of zafirlukast against hepatocellular carcinoma via activation of mitochondrial mediated apoptosis; Regulatory Pharmacology and toxicology (Elsevier), 2019; 109.

2. Dr.B.Bhattacharya. Malabaricone C attenuates NSAID-induced gastric ulceration by reducing oxidative/nitrative stress and inflammation and promoting angiogenic auto-healing; Antioxidants & Redox Signaling (Science Group), 2019.

3. Dr.T.Mangilal . Preparation and Evaluation of Tapentadol HCl solid lipid nanoparticles; Journal of Drug Delivery and Therapeutics, 2019; 9(4-A): 618-624.

4. Dr.M.Srinivas. Analytical Method development for simultaneous estimation of Ritonavir and Lopinavit in tablet dosage forms by RP-HPLC; World Journal of Pharmacy and Pharmaceutical Sciences, 2019; 8(10) 829-842.

5. P. Neeraja.Formulation And Evaluation Of Gel Loaded With Microspheres Of Apremilast For Transdermal Delivery System. Asian J Pharm Clin Res,2019,12 (2), 411-417

6. Dr.M.Srinivas. Method Development And Validation for Amlodipine Besylate and Carvedilol in combine pharmaceutical Dosage Forms by RP-HPLC; World Journal of Pharmacy and Pharmaceutical Sciences, 2019; 8(9): 778-787.

7. Dr.M.Srinivas. A Study of price variation among the various brands of drugs under different categories of CVS and CNS Available in Indian Pharmaceutical Market; World Journal of Pharmacy and Pharmaceutical Sciences, 2019; 8 (9)-568-574.

8. Dr. N.Anjaneyulu. New RP-HPLC Method Development And Validation For Simultaneous Estimation Of Vildagliptin And Metformin Hcl In Pharmaceutical Dosage Form; World Journal of Pharmacy and Pharmaceutical Sciences, 2019; 8(11)-1111-1121.

9. Dr.N.Anjaneyulu. Method Development And Validation For Tazobactam And Piperacillin In Combine Pharmaceutical Dosage Forms By RP-HPLC; World Journal of Pharmacy and Pharmaceutical Sciences, 2019; 8(10) -562-568.

10. Dr. R.Naga Kishore. New RP-HPLC Method Development And Validation For Simultaneous Estimation Of Vildagliptin And Metformin Hcl In Pharmaceutical Dosage Form; World Journal of Pharmacy and Pharmaceutical Sciences, 2019; 8(11)-1111-1121.

11. Dr.Y.Shiva kumar. Preparation and Evaluation of Tapentadol HCl solid lipid nanoparticles: Pournal of Drug Delivery and Therapeutics, 2019; 9(4-A): 618-624.





12. D.Tirumala. Synthesis And Antimicrobial Activity Of Salicylaldehyde Schiff Bases From Aromatic Amines; International Journal Of Advance Research ,Ideas And Innovations In Technology, 2019; 5(3): 2244-2249.

13. D.Tirumala. Method Development And Validation For Simultaneous Estimation Of Emicitabine And Tenofovir In Tablet Dosage Forms By RP-HPLC Method; World Journal Of Pharmacy And Pharmaceutical Sciences, 2019; 8(10) : 797-810.

14. B.Sandhya. Forced Degradation Studies Of Irbesartan And Analysis Of Its Fragments;World Journal Of Pharmacy And Pharmaceutical Sciences, 2019; 8 (10): 1343-1356.

15. Mohammed Abubakar A prospective cross sectional study on prescribing pattern of antibiotics and analgesic drugs in orthopaedic department at tertiary care hospital Journal Of Hospital Pharmacy Sep 2019; 14 (3), 36-45.

16. Pooja Agarwal Current trends in pharmaceutical counterfeits with advanced trace and track technology World Journal of Pharmacy and Pharmaceutical Sciences August, 2019; 8(8), 575-588.

17. Pooja Agarwal Regulatory guidelines for approval of biosimilars in India, United States and Europe A Comprehensive Summary World Journal of Pharmacy and Pharmaceutical Sciences, August, 2019, 8(8), 353-368.

18. Pooja Agarwal. Fabrication and assessment of levofloxacin controlled release matrix tablets; Indo American Journal of Pharmaceutical Sciences, July 2019, 6(7) 13879-13889.

19. D.Savitha. Fabrication and assessment of levofloxacin controlled release matrix tablets; Indo American Journal of Pharmaceutical Sciences July, 2019 6 (7) 13879-13889.

20.M.Santhoshi. Fabrication and assessment of levofloxacin controlled release matrix tablets; Indo American Journal of Pharmaceutical Sciences, July, 2019, 6 (7) 13879-13889.

21.V.Shalini. Fabrication and assessment of levofloxacin controlled release matrix tablets; Indo American Journal of Pharmaceutical Sciences July, 2019, 6(7),13879-13889.

22. V Jyothirmayee. Complicated presentation of pierre robin syndrome- a case report; Journal of evolution of medical and dental sciences, july 08, 2019, 8(27).

23. B.Kondal. Difficulties and challenges in Business writing of the management students, International Journal of Humanities, Arts and Literature, Oct 2019; 7(10) 13-22.

#### Organized Seminars / Workshops / Conferences

Two days national level conference DRAVYAKA-2019 on "Rare Diseases-orphan drugs and their prevalence in public" conducted on 13- 11-2019 to 14-11-2019, Sponsored by Teja Educational Society flyd, 347 Members participated from national and international in this

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conference.

#### **Faculty Attended Seminars & Conferences**

- Dr.T.Mangilal attended Current scenario & global opportunities in pharmaceutical sciences on 3-12-2019 JIPS, IPA
- Dr. Y. Shiva Kumar attended Recent Advances in Pharmaceutical Sciences on 30th & 31<sup>st</sup> August, 2019 at University College of Pharmaceutical Sciences, Kakatiya University
- Ch. Sumalatha attended 12<sup>th</sup> Indo-Malaysian conference on 8-11-2019 at Samskruti college of pharmacy, HYD and University of West indies
- B.Sandhya attended 12<sup>th</sup> Indo-Malaysian conference on 8-11-2019 at Samskruti college of pharmacy, HYD and University of West indies
- P.Madhuri attended Innovative Exertions in Pharmacy on 9-10 Aug 2019 at Gurunanak institution, HYD
- Dr. S.Varalaxmi attended Recent advances in Pharmaceutical sciences on 30-31 Aug 2019 at Kakatiya University, Warangal
- M.Pravalika attended Current scenario & global opportunities in pharmaceutical sciences on 3/12/2019 at JIPS, IPA
- Md. Abubakar attended Good Clinical Practice on 9-10-2019 at NIDA Clinical Coordinating Centre
- V.Srivani attended Current scenario & global opportunities in pharmaceutical sciences on 3-12-2019 at JIPS, IPA
- D.Tirumala attended Innovative Exertions in Pharmacy on 9-10 Aug 2019 at Gurunanak institution, HYD
- P.Shankaraiah attended NMR techniques & its applications in pharmaceutical sciences on
  20-21 Sep 2019 at Jayamukhi college of pharmacy, SERB
- M.Nagesh attended Strategic intervention to raise quality of teaching and learning on 14/12/2019 at CMR college of pharmacy
- Pooja Agarwal attended NMR techniques & its applications in pharmaceutical sciences on 20-21 Sep 2019 at Jayamukhi college of pharmacy, SERB
- V.Shalini attended 12<sup>th</sup> Indo-Malaysian conference on 8/11/2019 at Samskruti college of pharmacy, HYD and University of West indies
- D.Savitha attended NMR techniques & its applications in pharmaceutical sciences on 20-21 Sep 2019 at Jayamukhi college of pharmacy, SERB
- R.Umadevi attended Human-Genome project in drug discovery and development on 30-31 Aug 2019 at RBVRR Womens college of pharmacy, Hyd
- 17. T.Anoosha attended Human-Genome project in drug discovery and development on 30-

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31 Aug 2019 at RBVRR Womens college of pharmacy, Hyd

- M.Santoshi attended 12<sup>th</sup> Indo-Malaysian conference on 8-11-2019 at Samskruti college of pharmacy, HYD and University of West indies
- V.Jyothirmayee attended Current scenario & global opportunities in pharmaceutical sciences on 3/12/2019 at JIPS, IPA
- 20. D.Navya attended 12<sup>th</sup> Indo-Malaysian conference on 8-11-2019 at Samskruti college of pharmacy, HYD and University of West indies
- Ch.Soujanya attended Recent advances in Pharmaceutical sciences on 30-31 Aug 2019 at Kakatiya University, Warangal
- 22. B.Priyanka attended Recent advances in Pharmaceutical sciences on 30-31 Aug 2019 at Kakatiya University, Warangal
- B.Anitha attended Current scenario & global opportunities in pharmaceutical sciences on 3-12- 2019 at JIPS, IPA
- 24. Y.Swathi attended Recent advances in Pharmaceutical sciences on 30-31 Aug 2019 at Kakatiya University, Warangal
- 25. B.Chandulal attended Strategic intervention to raise quality of teaching and learning on 14-12-2019 at CMR college of pharmacy
- 26. I.Nagaraju attended Current scenario & global opportunities in pharmaceutical sciences on 3-12-2019 at JIPS, IPA
- 27. K.Mahitha attended Current scenario & global opportunities in pharmaceutical sciences on 3-12-2019 at JIPS, IPA

#### **Training Programmes for Non-teaching Staff**

- Three days training programme on Maintenance of Equipment Program, by Dr. J. Sunil from 13-11-2019 to 15-11-2019.
- Handling of corrosive chemicals program conducted by Mrs. Ch. Sumalatha on 13-11-2019.
- Handling and usage of ointment filling machine program conducted by Dr. T. Mangilal on 13-11-2019.
- Maintenance of Purchase Orders and Orderly Placing Of Books by Dr. B. Rambabu on 14-11-2019.
- 5. Handling the bedding and feeding of animals conducted by Dr. R.Naga Kishore on 14-11-2019.
- 6. Maintenance of all invoice statements and record keeping program conducted by Dr. B.

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Rambabu on 13-11-2019.

- Maintenance of student exam scripts and other Records Program conducted Dr. R. Siva kumar on 15-11-2019.
- Preparation of crude drugs for conducting experiments program conducted Mr. K. Abbulu on 15-11-2019.
- Estimation of haemoglobin and RBC count conducted by Dr. Bharath Bhusan Mahapatra on 15-11-2019.

#### **Faculty Attended Professional Development Programmes**

- Dr. Bharath Bhushan, attended Recent trends in Pharmaceutical sciences, at CMR college of pharmacy, on 24-29<sup>th</sup> June 2019
- Dr. M. Naga Ganesh, attended Training on "Design thinking & innovation", at MHRD'S Innovation cell, on 6-7<sup>th</sup> Feb 2020
- Md. Abubakar, attended New Strategies & Advances in Good pharmacy practice to facilitate regulatory pharmaceutical care to patients, at AICTE, on 10-23<sup>rd</sup> June 2019
- D. Navya, attended Pharmaceutical Regulatory Affairs & Intellectual Property Rights, at AICTE, JNTUH, on 1-14<sup>th</sup> Aug 2019
- Mrs.B.Sandhya, attended One weeek online -International FDP on Pharmaceutical education & Research, at Bapatla College of Pharmacy, A.P, on 13-18 May 2020
- Mrs.B.Sandhya, attended Faculty awareness Program on NAAC Accrediation, at Shri Chhatrapati Shivajiraje College of Engineering, Pune., on 10-15 May 2020
- D. Tirumala, attended STTP on "Interplay between health wellbeing, environment and community pharmacy, at Sagar institute of research and technology and pharmacy, on 21-12-2020 to26-12-2020
- Abubakar, attended Building Research & innovative culture among Pharmacy Teachers – FDP, at Dr D. Y. Patil Institute of Pharmaceutical Sciences & Research, Pimpri, Pune in association with APTI, on 18<sup>th</sup> May to 22<sup>nd</sup> May
- Abubakar, attended STTP on "Interplay between health wellbeing, environment and community pharmacy, at Sagar institute of research and technology and pharmacy, on 21-12-2020 to26-12-2020
- 10. Mrs. Pooja Agarwal, attended "Faculty Awareness Program on NAAC Accreditation", at RD's Shri Chhatrapati Shivajiraje College of Engineering, Dhangawadi, Pune 413206, on 10th May to 15th May
- 11. Mrs. Pooja Agarval, attended Integnational FDP on Pharmaceutical Education & Research, at Bapatla College of Pharmacy, Bapatla, AP, India, on 13th May to 18th

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- Mrs. Pooja Agarwal, attended Pharmaceutical regulatory Affairs& Intellectual Property Rights, at AICTE, JNTUH, on 01-08-2019 To14-8-2019
- Mrs. Pooja Agarwal, attended Data Science with Python, at TERNA Engineering College, Nerul & Technogurus Tutorial, Thane, on 18th May to 22nd May
- D. Savitha, attended Pharmaceutical regulatory Affairs& Intellectual Property Rights, at AICTE, JNTUH, on 01-08-2019 To 14-8-2019
- 15. Mrs. V. Shalini, attended International FDP on Pharmaceutical Education & Research
   FDP, at Bapatla College of Pharmacy, Bapatla, AP, India, on 13<sup>th</sup> May to 18<sup>th</sup> May
- 16. Mrs. V. Shalini, attended Building Research & innovative culture among Pharmacy Teachers – FDP, at Dr DY Patil Institute of Pharmaceutical Sciences & Research, Pimpri, Pune in association with APTI, on m18<sup>th</sup> May to 22<sup>nd</sup> May
- Mrs. V. Shalini, attended "Faculty Awareness Program on NAAC Accreditation" –
  FDP, at RD's Shri Chhatrapati Shivajiraje College of Engineering, Dhangawadi,
  Pune-412206,on 10<sup>th</sup> May to 15<sup>th</sup> May
- 18. Mr.P.Shankaraiah, attended e-FDP on Building Research and Innovative culture among Pharmacy teachers, at Dr. D Y Patil Institute of Pharmaceutical Sciences and Research, Pimpri, Pune in association with APTI, on 18-22 MAY 2020.
- Mr.P.Shankaraiah, attended e-FDP on Comprehensive Quality Initiatives for Higher Education in Pandemic Era, at Uka Tarsadia University, Bardoli, Surat, Gujarat, on 26-30 May 2020
- 20. Mr.P.Shankaraiah, attended Faculty awareness Program on NAAC Accrediation, Shri Chhatrapati Shivajiraje College of Engineering, Pune., on 10-15 May 2020
- 21. Mr.P.Shankaraiah, attended e-FDP ON"Redefining the Role of Educator in Covid 19 Outbreak Era", organized by Gujarat Technological University, Ahmedabad and Anand Pharmacy college, Anand, on May 11 - 16, 2020.
- 22. Mr.P.Shankaraiah, attended International FDP on Pharmaceutical Education & Research, at Bapatla College of Pharmacy, A.P, on 13th May to 18th May.
- 23. 13, Y Swathi, attended e-FDP on Comprehensive Quality Initiatives for Higher Education in Pandemic Era, at Uka Tarsadia University, Bardoli, Surat, Gujarat, on 26-30 May 2020
- 24. 14, B.Anitha, attended International fdp on pharmaceutical education & research, at Bapatla College of Pharmacy, Bapatla, Andhra Pradesh, India organised by IQAC, on 13-18 May 2020

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- 25. J. Naveen, attended E- FDP on redefining the role of educator in covid-19 outbreak era at Anand pharmacy college, gujarat university, gujarat, on 11/05/2020 to 16/05/2020
- 26. J. Naveen, attended One week fdp on advances in python(django and flask), python for data science and cyber Security", at Chadalawada ramanamma engineering college, in association with iit bombay, on 21-05-2020 TO 27-05-2020
- 27. J. Naveen, attended "Faculty Awareness Program on NAAC Accreditation" FDP, at RD's Shri Chhatrapati Shivajiraje College of Engineering, Dhangawadi, Pune-412206, on 10<sup>th</sup> May to 15<sup>th</sup> May
- 28. G. Swapna, attended FDP on Two weeks Faculty Development Program on "LaTeX", Department of CSE, at Gopalan College of Engineering and Management in association with IIT Bombay-Spoken Tutorial, on 17-30 April
- 29. G. Swapna, attended Faculty development program and online training on SCILAB, at JNTUH College of Engineering, Sulthanpur and Spoken tutorial Project IIt Bombay, on 25-05-2020 to 30-05 2020

#### **Extension programs**

- 58th National Pharmacy Week Health Awareness programme at Grampanchayat, Cheeryal on 18-11-2019.
- 2. Awareness on AIDS disease on World Aids Day on 02-12-2019.
- 3. Constitution Day on 26-11-2019.
- 4. Sawchh Bharath programme at Grampanchayat, Cheeryal on 25-11-2019.
- 5. Organized Ekta Diwas programme on 21-10-2019.
- 6. Pink Ribbon Campaining at Grampanchayat, Cheeryal on 07-10-2019.
- 7. World Peace Day on 21-09-2019.
- With the theme of "Telanagana ku Haritha Haram" conducted programme at Cheeryal on 22-08-2019.
- Blood Donation Camp in association with Red cross Society, Hyderabad on 25-07-2019.
- 10. World Environmental Day at Grampanchayat, Cheeryal on 5-06-2019.
- 11. Sexual and Reproductive Pealth Awareness program on 12-02-2019.

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12. Organized Free Dental Check up and Treatment Camp at Army College of Dental

Sciences on 2019.

#### **ICT Programmes**

- Two-day's workshop on "Uses and Application of Animal Simulation" from 23-08-2019 to 24-08-2019.
- Two day's workshop on "Introduction to clinirex Software and hands on Practice" on 15-11-19 to 16-11-19.
- Two day's workshop on MINITAB-18 Software on 13-02-20 to 14-2-20.

#### Soft Skills Programme

- Campus to Corporate C2C session on Campus Recruitment Training" on 26.02.2020 to 27.02.2020
- Soft Skills development programme by Mr. Rohan Brighty Busi on 26.02.2020 to 27.02.2020

## Workshops/Seminars conducted on Research, Innovation and Entrepreneurship (2019-2020)

- On January 3, 2020, a workshop on the role of educational universities in supporting entrepreneurship was held.
- Conducted Dravyaka 2019 on 13.11.2019 & 14.11.2019
- Conducted Research methodology seminar on protocol/project writing on 30.10.2019
- Conducted seminar on Research methodology, review of literature on 27.06. 2019

#### Students qualified in PG Entrance Examinations (2019-20)

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#### Results declared by JNTUH (2019-20)

- 1. Out of 72 students of Final Year B. Pharmacy appeared for the exams, 62 students passed and their pass percentage was 86.1.
- 2. Only 6 students of Final Year M. Pharmacy (Pharmaceutics) 05 have passed and the pass percentage was 83.3.
- Only 2 student of Final Year M. Pharmacy (Pharmaceutical Regulatory Affairs) appeared and 2 passed and the pass percentage was 100
- 4. Out of 03 students of Final Year M. Pharmacy (Ph. Analysis) appeared for the exam, 03 of them passed and the pass percentage was 100.
- 5. Out of 17 students of pharm d final year appeared for exams, 17 students passed and

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their pass percentage was 100

6. Only of 3 students of pharm.d (PB), appeared for exams, 3 student passed and their pass percentage was 100

#### Students opted for Higher Education (2019-20)

14 students from B.Pharmacy have joined for their higher education.

#### Placements (2019-2020)

Total of 72 students from B. Pharm final years, 21 got placed.



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