| 1 Name of Faculty 2 Designation 3 Nature of Job/Appointment 4 Date of Joining 5 E-mail 6 Education Qualifications  |    |                           |  |
|--|----|---------------------------|--|
| Nature of Job/Appointment   Regular   O9-01-2006(Adhoc)   O9-01-   | 1  | Name of Faculty           | Dr. S. SHYLAJA   |
| Date of Joining 09-01-2006(Adhoc) 02-07-2007(Regular) shylaja_biotech@cbi.ac.in  Education Qualifications Name of the Degree Class  Ph. D Doctor of Philosophy (Chemistry) Awarded PG M.Sc. First  UG B. Sc. (BZC) Second  Work Experience  Teaching 25 Years Research 06 years Industry One month (Under Training) Others - Others - Area of Specialization Organic Chemistry  Professional Memberships Responsibilities held at Institution Level  Responsibilities held at Department  Level  Responsibilities held a  | 2  | Designation               | Assistant Professor  |
| 5 E-mail sshitulaja_biotech@cbit.ac.in 6 Education Qualifications Name of the Degree Class Ph. D Doctor of Philosophy (Chemistry) Awarded PG M.Sc. First UG B. Sc. (BZC) Second  7 Work Experience  Teaching 25 Years Research 06 years Industry One month (Under Training) Others 8 Area of Specialization Organic Chemistry 9 Professional Memborships 1. Member in Studnee Committee (Annual day of CBIT) 2. Member in Studnee Committee (Student Technical Fest) 3. As a mentor participating actively in the Induction programme for 1st year students 4. Member in Women Development Cell 11 Responsibilities held at Department Level 1. Member Board of Studies (in the department of Chemistry) 2. Course Co-Ordinator of Chemistry Subject 3. NBA-Coordinator of Chemistry department 14 Course file auditor of Chemistry department 15 Time table in-charge in chemistry department 16 Faculty In-charge of 1yr. students 7. Anti-Ragging duties 8. Squad duties under campus discipline 12 Research Guidance 1. Squad duties under campus discipline 13 Awards Received 1. Squad duties under campus discipline 14 Courses Handled at Under Graduate Post Graduate Level. 1. Member in Studies Under Chemistry Applied Chemistry, General Chemistry, IPA-Chemistry, Organic Chemistry, Inorganic Chemistry and Bio-Organic Chemistry. 1. International Journals = 14 14 National Journals = 10 International Journals = 14 15 No. of Papers Published 1. National Conference = 0.2 International Conference = 0.4 16 Projects Carried out 17 Patents 18 Technology Transfer 19 Delivered Lectures in the subject, "Chemistry and Pharmaceutical Analysis" as a resource person for the employees of Dr. Reddy's Laboratories Ltd Hyderabad during 2013 to 2015 for Two Executive and Three SMT batchesduring 2013 to 2015 for Two Executive and Three SMT batchesduring 2013 to 2015 for the training program on "Certificate in Pharma Technology".   | 3  | Nature of Job/Appointment | Regular  |
| Semail   Sashylaja_biotech@cbit.ac.in  | 4  | Date of Joining           |  |
| Ph. D Doctor of Philosophy (Chemistry) Awarded PG M.Sc. First UG B. Sc. (BZC) Second  Work Experience Teaching 25 Years Research 06 years Industry One month (Under Training) Others - Responsibilities held at Institution Level  Responsibilities held at Institution Level  Responsibilities held at Department Development Cell  Responsibilities held at Department Development Cell  Responsibilities held at Department Development Cell  Member Board of Studies (In the department of Chemistry) Course Go-Ordinator of Chemistry Subject Na MacPoordinator of Chemistry Subject Na MacPoordinator of Chemistry department  Course file auditor of Chemistry department  Course file auditor of Chemistry department  Course file auditor of Chemistry department  Evel Courses Handled at Under Graduate Post Graduate Level  Research Guidance  Awards Received  Research Guidance  Research Guidance  Awards Received  Research Guidance  Research Guidan | 5  | E-mail                    |  |
| PG UG B. Sc. (BZC) Second  7 Work Experience  Teaching 25 Years 06 years 1 Industry One month (Under Training) Others  8 Area of Specialization Organic Chemistry 9 Professional Memberships 10 Responsibilities held at Institution Level 11 Responsibilities held at Institution Level 12 Responsibilities held at Department 13 Awards Received 14 Courses Handled at Under Gradulate / Post Graduate Level. 15 No. of Papers Published 16 Projects Carried out 17 Patents 18 Technology Transfer 19 Invited Speaker 20 No. of Books/Chapter Published with details 25 Years 26 Years 26 Years 26 Years 27 Years 28 Area of Specialization 26 Organic Chemistry 27 Anni-Ragging duties 28 Squad duties under campus discipline 29 Invited Speaker 20 No. of Books/Chapter Published with details 20 No. of Books/Chapter Published with details 26 Faculty Development Programs attended 27 Faculty Development Programs attended 28 Years 29 Second 29 Years 29 Vortex Experience 29 Vortex Experience 20 Yoursell Evaluation 20 Yoursell And Standard 20 No. of Books/Chapter Published with details 20 No. of Books/Chapter Published with details 20 Yoursell Patents 20 No. of Books/Chapter Published with details 20 Yoursell Patents 20 Yoursell Patents 20 Yoursell Patents 21 Patents 22 No. of Books/Chapter Published with details 23 Years 24 Years 25 Years 26 Years 26 Years 26 Years 27 Years 28 Area of Specialization 27 Patents 28 Years 28 Years 29 Yoursell Patents 29 No. of Books/Chapter Published with details 29 Yoursell Patents 20 Yoursell Patents 20 Yoursell Patents 20 Yoursell Patents 20 Yoursell Patents 21 Years 26 Years 27 Years 28 Years 28 Years 28 Years 29 Years 20 Years 20 Years 20 Yoursell Patents 20 Years 20 Yoursell Patents 20 Years 21 Years 22 Years 25 Years 26 Years 26 Years 26 Years 27 Years 28 Years 28 Years 28 Area of Specialization 27 Years 28 Years 28 Area of Specialization 28 Area of Specialization 29 Years 20 Years 20 Years 20 Years 21 Years 21 Years 22 Years 23 Years 24 Years 25 Years 26 Years 26 Years 27 Years 28 Years 28 Years 29 Years 20  | 6  | Education Qualifications  | Name of the Degree Class   |
| Work Experience  Teaching Research Industry One month (Under Training) Others  Area of Specialization Organic Chemistry  Professional Memberships  Responsibilities held at Institution Level  Responsibilities held at Institution Level  Responsibilities held at Department  Responsibilities held at Institution  Responsibilities held at Institution Institut |    | Ph. D                     | Doctor of Philosophy (Chemistry) Awarded   |
| Teaching Research 06 years Industry One month (Under Training) Others  8 Area of Specialization Organic Chemistry 9 Professional Memberships 10 Responsibilities held at Institution Level   |    | PG                        | M.Sc. First  |
| Research Industry Others Others Organic Chemistry  Professional Memberships  Responsibilities held at Institution Level  Responsibilities held at Institution Level  Responsibilities held at Department Level  Responsibilities held at Institution Responsibilities held at Institution Responsibilities held at Institution programe of Studies (In the department of Chemistry) Responsibilities held at Institution programe of Studies (In the department of Chemistry) Responsibilities held at Institution programe of Studies (In the department of Chemistry) Responsibilities held at Institution programe of Studies (In the department of Chemistry) Responsible department Responsibilities held at Institution programe of |    | UG                        | B. Sc. (BZC) Second  |
| Research   | 7  | Work Experience           |  |
| Industry Others   Corporation   Chemistry   Chemistry   Chemistry   Committee (Annual day of CBIT)   Committee (Annual day of CBIT   |    | Teaching                  | 25 Years   |
| Area of Specialization Professional Memberships  |    | Research                  | 06 years   |
| Area of Specialization Professional Memberships  |    | Industry                  | One month (Under Training)   |
| Professional Memberships  1. Member in Shurithi Committee (Annual day of CBIT) 2. Member in Sudhee Committee (Student Fechnical Fest) 3. As a mentor participating actively in the Induction programme for 1st year students 4. Member in Women Development Cell  1. Member Board of Studies (In the department of Chemistry) 2. Course Co-Ordinator of Chemistry Subject 3. NBA-Coordinator of Chemistry Subject 3. NBA-Coordinator of Chemistry Subject 4. Course file audition of Chemistry department 4. Course file audition of Chemistry department 5. Time table in-charge in chemistry department 6. Faculty In-charge of I yr. students 7. Anti-Ragging duties 8. Squad duties under campus discipline  12. Research Guidance 14. Courses Handled at Under Graduate / Post Graduate Level. 15. No. of Papers Published 16. Projects Carried out 17. Patents 18. Technology Transfer 19. Invited Speaker 20. No. of Books/Chapter Published with details 20. No. of Books/Chapter Published with details 21. Member in Sudhee Committee (Student Fechnical Fest) 22. Member in Sudhee Committee (Student Fest) 33. As a mentor participating actively in the Induction programs of the gear students 4. Member in Sudhee Committee (Student Fest) 5. Time table in-charge in chemistry believed in the Induction program of Chemistry department of Chemistry. 5. Time table in-charge in chemistry department of Chemistry. 6. Taculty Development Programs attended  |    | Others                    |  |
| 1. Member in Shurithi Committee (Annual day of CBIT)  10 Responsibilities held at Institution Level  | 8  | Area of Specialization    | Organic Chemistry  |
| Responsibilities held at Institution Level  2. Member in Sudhee Committee (Student Technical Fest) 3. As a mentor participating actively in the Induction programme for 1st year students 4. Member in Women Development Cell  1. Member Board of Studies (In the department of Chemistry) 2. Course Co-Ordinator of Chemistry Subject 3. NBA-Coordinator of Chemistry Subject 3. NBA-Coordinator of Chemistry department 4. Course file auditor of Chemistry department 5. Time table in-charge in chemistry department 6. Faculty In-charge of I yr. students 7. Anti-Ragging duties 8. Squad duties under campus discipline  12. Research Guidance 13. Avards Received 14. Courses Handled at Under Graduate / Post Graduate Level.  15. No. of Papers Published 16. Projects Carried out 17. National Journals – 10 International Journals – 14 18. Technology Transfer 19. Invited Speaker  20. No. of Books/Chapter Published with details  19. No. of Books/Chapter Published with details  20. No. of Books/Chapter Published with details  21. As a mentor participating actively in the Induction programs attended  22. As a mentor participating actively in the Induction program of 1st year students 4. Member in Women Development Programs attended  15. Member in Suddes (In the department of Chemistry) 16. Member in Women Development Programs attended  16. Projects Carried out 17. Patents 18. Technology Transfer 19. Invited Speaker  20. No. of Books/Chapter Published with details  21. Member in Suddes (In the department of 1students)  22. Member in Women Development Programs attended   | 9  | Professional Memberships  |  |
| Responsibilities held at Institution Level  Responsibilities held at Institution Level  Responsibilities held at Department Level L |    |                           |  |
| 1. Member Board of Studies (In the department of Chemistry) 2. Course Co-Ordinator of Chemistry Subject 3. NBA-Coordinator of Chemistry Subject 4. Course file auditor of Chemistry department 5. Time table in-charge in chemistry department 6. Faculty In-charge of I yr. students 7. Anti-Ragging duties 8. Squad duties under campus discipline  12 Research Guidance 13 Awards Received 14 Courses Handled at Under Graduate / Post Graduate Level. 15 No. of Papers Published 16 Projects Carried out 17 Patents 18 Technology Transfer 19 Invited Speaker 19 Invited Speaker 10 No. of Books/Chapter Published with details 10 Delivered Lectures in the subject, "Chemistry and Pharmaceutical Analysis" as a resource person for the employees of Dr. Reddy's Laboratories Ltd Hyderabad during 2013 to 2015 for Two Executive and Three SMT batchesduring 2013 to 2015 for the training program on "Certificate in Pharma Technology".  10 Faculty Development Programs attended  | 10 |                           | <ol> <li>As a mentor participating actively in the Induction<br/>programme for 1st year students</li> </ol>                        |
| 2. Course Co-Ordinator of Chemistry Subject 3. NBA-Coordinator of chemistry department 4. Course file auditor of Chemistry department 5. Time table in-charge in chemistry department 6. Faculty In-charge of I yr. students 7. Anti-Ragging duties 8. Squad duties under campus discipline  12 Research Guidance 13 Awards Received 14 Courses Handled at Under Graduate / Post Graduate Level. 15 Post Graduate Level. 16 Projects Carried out 17 Patents 18 Technology Transfer 19 Invited Speaker 10 No. of Books/Chapter Published with details 19 No. of Books/Chapter Published with details 19 No. of Books/Chapter Published with details 20 Course Co-Ordinator of Chemistry department 4. Course file auditor of Chemistry department 5. Time table in-charge in chemistry department 6. Faculty In-charge of I yr. students 7. Anti-Ragging duties 8. Squad duties under campus discipline 7. — 7. — 7. — 7. — 7. — 7. — 7. — 7. —   |    |                           | 4. Member in Women Development Cell  |
| Responsibilities held at Department Level  Responsibilities held at Department Level  Responsibilities held at Department Level  Responsibilities held at Department  Course file auditor of Chemistry department  Time table in-charge of I yr. students  Anti-Ragging duties  Squad duties under campus discipline  Research Guidance  Research Guidance  Research Guidance  Research Guidance  Research Guidance  Courses Handled at Under Graduate / Post Graduate Level.  Responsibilities under campus discipline  Engineering Chemistry, Applied Chemistry, General Chemistry, IPA-Chemistry, Organic Chemistry, Inorganic Chemistry and Bio-Organic Chemistry.  No. of Papers Published  National Journals – 10 International Journals – 14  National Conference – 02 International Conference – 04  Projects Carried out  Patents  Technology Transfer  Delivered Lectures in the subject, "Chemistry and Pharmaceutical Analysis" as a resource person for the employees of Dr. Reddy's Laboratories Ltd Hyderabad during 2013 to 2015 for Two Executive and Three SMT batchesduring 2013 to 2015 for Two Executive and Three SMT batchesduring 2013 to 2015 for the training program on "Certificate in Pharma Technology".  No. of Books/Chapter Published with details  Faculty Development Programs attended   |    |                           |  |
| 5. Time table in-charge in chemistry department Faculty In-charge of I yr. students 7. Anti-Ragging duties 8. Squad duties under campus discipline  12 Research Guidance 13 Awards Received 14 Courses Handled at Under Graduate / Post Graduate Level. 15 No. of Papers Published 16 Projects Carried out 17 Patents 18 Technology Transfer 19 Invited Speaker 10 No. of Books/Chapter Published with details 10 No. of Books/Chapter Published with 10 Faculty Incharge in chemistry department Faculty Incharge in chemistry incharge in chemistry department Faculty Incharge in chemistry and Pharmaceutical Incharge in Chemistry, Incharge in Ch |    | _                         | NBA-Coordinator of chemistry department  |
| 7. Anti-Ragging duties 8. Squad duties under campus discipline  12 Research Guidance 13 Awards Received 14 Courses Handled at Under Graduate / Post Graduate Level.  15 No. of Papers Published 16 Projects Carried out 17 Patents 18 Technology Transfer 19 Invited Speaker  19 Invited Speaker  10 Research Guidance 10 Squad duties under campus discipline 11 Chemistry and Bio-Organic Chemistry, Inorganic Chemistry, Inorganic Chemistry and Bio-Organic Chemistry.  19 Invited Speaker  10 Delivered Lectures in the subject, "Chemistry and Pharmaceutical Analysis" as a resource person for the employees of Dr. Reddy's Laboratories Ltd Hyderabad during 2013 to 2015 for the training program on "Certificate in Pharma Technology".  19 No. of Books/Chapter Published with details  10 No. of Books/Chapter Published with details  11 Faculty Development Programs attended   | 11 |                           | <ol><li>Time table in-charge in chemistry department</li></ol>   |
| Awards Received  Courses Handled at Under Graduate / Post Graduate Level.  No. of Papers Published   National Conference - 02   International Journals - 14   National Conference - 02   International Conference - 04    Projects Carried out  Patents  Invited Speaker   Delivered Lectures in the subject, "Chemistry and Pharmaceutical Analysis" as a resource person for the employees of Dr. Reddy's Laboratories Ltd Hyderabad during 2013 to 2015 for Two Executive and Three SMT batchesduring 2013 to 2015 for the training program on "Certificate in Pharma Technology".  Faculty Development Programs attended   |    |                           |  |
| Awards Received  Courses Handled at Under Graduate / Post Graduate Level.  |    |                           |  |
| Awards Received  Courses Handled at Under Graduate / Post Graduate Level.  | 12 | Research Guidance         | మం తేజస్విన్ భవ 😁 🖯  |
| Chemistry, Organic Chemistry, Inorganic Chemistry and Bio-Organic Chemistry.  No. of Papers Published  No. of Papers Published  National Journals – 10 International Journals – 14  National Conference – 02 International Conference – 04  Projects Carried out  Patents  Technology Transfer  Delivered Lectures in the subject, "Chemistry and Pharmaceutical Analysis" as a resource person for the employees of Dr. Reddy's Laboratories Ltd Hyderabad during 2013 to 2015 for Two Executive and Three SMT batchesduring 2013 to 2015 for the training program on "Certificate in Pharma Technology".  No. of Books/Chapter Published with details  Faculty Development Programs attended   | 13 |                           |  |
| No. of Papers Published  National Conference – 02 International Conference – 04  Projects Carried out  Patents  Technology Transfer  Delivered Lectures in the subject, "Chemistry and Pharmaceutical Analysis" as a resource person for the employees of Dr. Reddy's Laboratories Ltd Hyderabad during 2013 to 2015 for Two Executive and Three SMT batchesduring 2013 to 2015 for the training program on "Certificate in Pharma Technology".  No. of Books/Chapter Published with details  Faculty Development Programs attended  | 14 |                           | Chemistry, Organic Chemistry, Inorganic Chemistry and Bio-Organic  |
| National Conference – 02 International Conference – 04  16 Projects Carried out   17 Patents  Technology Transfer  Delivered Lectures in the subject, "Chemistry and Pharmaceutical Analysis" as a resource person for the employees of Dr. Reddy's Laboratories Ltd Hyderabad during 2013 to 2015 for Two Executive and Three SMT batchesduring 2013 to 2015 for the training program on "Certificate in Pharma Technology".  No. of Books/Chapter Published with details  Faculty Development Programs attended  | 15 | No. of Paners Published   | National Journals – 10 International Journals – 14   |
| 17 Patents  18 Technology Transfer  19 Invited Speaker  No. of Books/Chapter Published with details   No. of Books/Chapter Published with details   Faculty Development Programs attended  | 10 | No. of Papers Published   | National Conference – 02 International Conference – 04   |
| Technology Transfer  Delivered Lectures in the subject, "Chemistry and Pharmaceutical Analysis" as a resource person for the employees of Dr. Reddy's Laboratories Ltd Hyderabad during 2013 to 2015 for Two Executive and Three SMT batchesduring 2013 to 2015 for the training program on "Certificate in Pharma Technology".  No. of Books/Chapter Published with details  Faculty Development Programs attended  | 16 | Projects Carried out      | · -  |
| Delivered Lectures in the subject, "Chemistry and Pharmaceutical Analysis" as a resource person for the employees of Dr. Reddy's Laboratories Ltd Hyderabad during 2013 to 2015 for Two Executive and Three SMT batchesduring 2013 to 2015 for the training program on "Certificate in Pharma Technology".  No. of Books/Chapter Published with details  Faculty Development Programs attended   | 17 | Patents                   | -  |
| Analysis" as a resource person for the employees of Dr. Reddy's Laboratories Ltd Hyderabad during 2013 to 2015 for Two Executive and Three SMT batchesduring 2013 to 2015 for the training program on "Certificate in Pharma Technology".  No. of Books/Chapter Published with details  Faculty Development Programs attended  | 18 | Technology Transfer       | <del>-</del>   |
| 19 Invited Speaker Laboratories Ltd Hyderabad during 2013 to 2015 for Two Executive and Three SMT batchesduring 2013 to 2015 for the training program on "Certificate in Pharma Technology".  No. of Books/Chapter Published with details  No. of Books/Chapter Published with details  Faculty Development Programs attended  |    |                           |  |
| No. of Books/Chapter Published with details  No. of Books/Chapter Published with Faculty Development Programs attended   | 19 | Invited Speaker           | Laboratories Ltd Hyderabad during 2013 to 2015 for Two Executive and Three SMT batchesduring 2013 to 2015 for the training program |
| Faculty Development Programs attended  | 20 |                           |  |
|  |    |                           |  |

1. Attended 5 Days Online STTP on "Recent Advancements

Vardhaman College of Engineering, Hyderabad.

in Medicinal Chemistry and Material Science" (RAMCMS-

2023), from  $24^{th}$  April to  $28^{th}$  April.2023, organized by

Details of Short-Term Training

Programs/Seminars/Workshops.Other

(Attended

Development

and/or

Programs/Faculty

Trainings

Organized).

21

- Participated in AICTE recognized Short Term Course on "2D Nanomaterials: Potential & Applications" through ICT conducted by Applied Science Department from 17.10.2022 to 21.10.2022 (One Week)
- Attended One Week Online Faculty Development Program on "Role of Chemistry in Advanced Engineering Materials (RCAEM-2022)" from 10th to 15th October, 2022 organized by the Department of Chemistry, Vasavi College of Engineering (A), Hyderabad.
- Participated in One Week Faculty Development
   Programme on Research Methodology and Data Analysis
   in Business Management organized by Department of
   Commerce and Business Management, Krishna
   University from 25-08-2022 to 01-09-2022.
- Participated in the Two day Virtual National Seminar
   Organized by Department of Business Management &
   IQAC held on 29th and 30th July 2022.
- Attended a Webinar on "Net Zero Carbon Emission Sustainable Pathways" organized by the Department of Chemistry, SRM Institute of Science and Technology, Ramapuram Campus, Chennai -89 on 04.06.2022.
- 7. Attended one week FDP on "ICT Tools for Effective Teaching Learning", from 23<sup>rd</sup> May to 28<sup>th</sup> May 2022, organized by Amar seva mandal's Kamala Nehru Mahavidhyalaya, Nagpur, Maharastra.
- Attendend one week International FDP on "Research Methodology" from 2<sup>nd</sup> to 7<sup>Th</sup> May 2022, organized by Amar seva mandal's Kamala Nehru Mahavidhyalaya, Nagpur, Maharastra.
- Successfully completed swayam online course "Accreditation for undergraduate engineering programmes" 8 Weeks course.
- 10. Attended FDP on "Role of Chemistry in Advanced Engineering Materials (RCAEM-2021)", organized by the Department of Chemistry, Vasavi College of Engineering (A), Hyderabad, from from 25th 29th October, 2021
- Attended FDP on "Innovative Practices In Chemical Sciences", Organized by Department of Chemistry in collaboration with Sarojini Naidu Vanitha Mahavidyalaya, Hyderabad, from from 23 - 28 September 2021
- Attended One Week Online FDP on Materials for Photonic Applications-MPA2021, Organised by Dept.of Physics & Chemistry, MGIT, Hyderabad, from 9th to 13th August 2021.
- 13. Attended International Workshop on Stress & Coping: Strategies to De-Stress, Organized by Women Empowerment Cell, GITAM (Deemed to be University), Visakhapatnam, AP, India on 12th & 13th June 2021
- Attended FDP on "IPR & Patent Prosecution" MVSREC, Hyderabad from 24th May to 28th May 2021
- 15. As a Coordinator Organized One Week Online FDP on "Recent Trends in Advanced Materials Science and Engineering Technology" at CBIT, from 8th -12th March,
- Attended International webinar on Empowering women: A paradiggm shift in nep 2020, MGIT, Hyd, from 8th to 9th January, 2021
- 17. Attended ATAL-FDP One-week online ATAL FDP on "Molecular Manufacturing" organized by CBIT, from 19th -23rd Oct.2020
- 18. Successfully Completed STTP "Assessment and Evaluation of Student's Performance" by NITTTR-

- KOLKATA from 21st to 25th Sep 2020
- Attended One Week Online FDP on "Student Induction and Universal Human Values" organized by Department of Physics, CBIT from 26th to 30th Aug 2020
- 20. Attended FDP One week online National FDP on "Unlockdown 3.0: A period of reorienting the Teaching & Learning" from 17th to 23rd Aug 2020
- 21. Successfully Completed One Week Online International FDP on "Latest trends in engineering, science and technology: nanomaterials" from 10th to 15th Aug 2020
- 22. Successfully Completed One Week Online FDP on "Recent developments in chemical research for societal applications" from 3rd to 8th Aug 2020
- 23. Successfully Completed One Week Online FDP on "Engineering Physics and Materials Science" at CBIT,from 3rd to 7th Aug 2020.
- 24. Attended Two day international webinar on "EMPOWERING WOMEN: A PARADIGM SHIFT IN NEP 2020 from 8th to 9th Jan.2021
- 25. Successfully Completed The science of Success: What Researchers know that you should know, an online non-credit course authorized by University of Michigan offered through Coursera, received certificate on 26th July, 2020
- 26. Attended Three-day International virtual conference on impact of chemical disasters on biota, organised by Andhra University, Visakhapatnam and Andhra Pradesh Akademi of Sciences from 24th to 26th July 2020.
- 27. Attended FDP on 'Tools for online teaching, learning & evaluation" from 20th -24th July 2020.
- 28. Attended Webinar on "Employability post covid Era:Expectations of Industry Vs Education systems preparedness" Organised by Assocham, India, on 07-11-2020
- 29. Aattended Webinar, 'In Sync with Industry,' with Dr. Madhuri Dubey Founder, National Skills Network NSN on 07-07-2020
- 30. Attended one-week Refresher course on "Bharateeya Chaitanyam" at CBIT during29-06-2020 to 05-07-2020.
- 31. A Two-Day National Level Virtual Workshop on "The Role of Chemistry in Modern Healthcare" Organized by Department of Physics and Chemistry, Mahatma Gandhi Institute of Technology, Hyderabad during 03-07-2020 to 04-07-2020
- 32. Successfully Completed One Week Online FDP on "Materials: Recent Trends & Engineering Applications" at Gokaraju & Rangaraju Institute of Engineering & Technology, Hyderabad during 02 07 June 2020
- Successfully Completed Faculty Development Program on "Outcome based Education and NBA-accreditation process (UG)" at CBIT during 28-05-2020 to 01-06-2020
- 34. Successfully Completed "Introduction to Psychology"an online non-credit course authorized by Yale University and offered through Courseraon 01-06-2020
- 35. A-5 days hands on workshop on "Patent searching, drafting and filing" (online mode) during 29-05-2020 to 02-06-2020 In Association with Turnip Innovations and Exilyze Intellectual Services, IEEE computer society & computer society of India
- 36. Successfully Completed "Organic Solar Cells Theory and Practice" an online non-credit course authorized by Technical University of Denmark (DTU) and offered

- through Coursera on 26-05-2020
- Successfully Completed "Introduction to Molecular Spectroscopy" an online non-credit course authorized by University of Manchester and offered through Coursera on 19-05-2020
- 38. Successfully Completed "Advanced Chemistry" an online non-credit course authorized by University of Kentucky and offered through Coursera on18-05-2020
- 39. Attended the interaction session and successfully completed both pre and post workshop online activities, involving 3 days of video lectures and hands-on work. 'Effective and Efficient Online Teaching in the Age of Corona, A Hands-on Workshop'organized by the Teaching Learning Centre (ICT) at IIT Bombay on 16-05-2020
- 40. one-week online Faculty Development Program on "Outcome Based Education: A Step towards Excellence" from 11-05-2020 to 15-05-2020 under MargdarshanScheme of AICTE, New Delhi.
- 41. Successfully completed STTP through ICT mode on NBA Accredition,22-04-2019 to 26-04-2019 (One Week) sponsored by National Institute of Technical Teachers Training and Research, Kolkata, organized by Chaithanya Bharathi Institute of Technology.
- 42. A 5-day "Faculty training Programme (Workshop onInduction programme)" launched by AICTE at JNTU Hyderabad during 27-06-2017 to 01-08-2017.

## Details of Journal Publications/ Conferences (National and International) National Journals from the Year 2017

- K Durga Malleswar, B Venugopala Rao, K Venkateswara Rao and S Shylaja (2019) "A Validated chiral HPLC method for the enantiomeric purity of Trelagliptin", Indo American Journal of Pharmaceutical Research, Volume 9, Issue 11 pp 582-587.
- K Durga Malleswar, B Venugopala Rao and S Shylaja, (2019) "A Validated chiral HPLC method for the enantiomeric purity of Anagliptin", Indo American Journal of Pharmaceutical Research, Volume 9, Issue 7 pp 3096-3101.
- K Ramesh, S Shylaja, S Ramgopal, A Sambasiva Rao and KC Rajanna (2019) "Polyethylene glycol Supported Metal Nitrates as Well-Organized Reagents for Hunsdiecker Conversion of α,β-Unsaturated Acids to β-Nitrostyrenes under Solvent and Acid-Free Conditions", Asian Journal of Chemistry, Volume 31, Issue 8 pp 798-800.

## International Journals from the Year 2017

- Sangeetha Povari, Shadab Alam, Shylaja Somannagari, Lingaiah Nakka, and Sumana Chenna (2023) "Oxidative Dehydrogenation of Ethane with CO<sub>2</sub> over the Fe-Co/ Al<sub>2</sub>O<sub>3</sub> Catalyst: Experimental Data Assisted Al Models for Prediction of Ethylene Yield" Journal of Industrial & Engineering Chemistry Research, <a href="https://doi.org/10.1021/acs.iecr.2c04002">https://doi.org/10.1021/acs.iecr.2c04002</a>
- 5. S. Shylaja,(2021), "Catalytic Oxidation of Certain Xanthine Alkaloid Compounds under Conventional and Non-Conventional Conditions", *Journal of Science and Technology,ISSN: 2456-5660 Volume 6, Issue 3, May-June 2021.*
- 6. Rajitha Nampally , Shylaja Somannagari, Chinna Rajanna Kamatala, \*, Yadagiri Bhongiri , Umesh Kumar Utkoor (2020),"Micellar effects on the kinetics and mechanism of ceric ammonium nitrate oxidation of bicyclic monoterpenes under acid free conditions" Internationa Journal of Chemical Data Collections, Vol.31, doi.https://doi.org/10.1016/j.cdc.2020.100645.
- N Rajitha, SShylaja, KC Rajanna, and BYadagiri (2018) "Polyethylene Glycols as Efficient Catalysts forthe Oxidation of Bicyclic Monoterpenes by Ceric Ammonium Nitrate in Acetonitrile underAcid-Free Conditions: Kinetic and Mechanistic Approach", International Journal of ChemicalKinetics, Volume50, Issue 6 pp383-396.

## **National Conference**

8. S.Shylaja has presented a paper titled "Oxidation of Biomolecules in the Presence of Polyethylene Glycols under Conventional and Non-Conventional Conditions" in a National Conference on "Recent Advances in Green & Sustainable Chemical Sciences" organized by Department of Chemistry, St

- Pious X Degree & PG College for Women, Hyderabad held on 20-21 January, 2023
- 9. K Ramesh, S Shylaja and KC Rajanna (2018) "Poly (ethylene glycol) Supported Metal Nitrates for nitro decarboxylation of α, β-Unsaturated carboxylic Acids under Solvent free Conditions", National seminar RTMREA-2018,pp 9.

## **International Conferences:**

- 10. Dr.S.Shylaja has presented a paper "Micelle mediated Kinetic study of Oxidation of Xanthine Derivatives by Ru(III) in Acetonitrile" at International conference on Advances in science, Engineering & Technology (ICASET-2021) KSRM College of Engineering, Kadapa, Andhra Pradesh, from 21st to 22nd May-2021.
- Dr.S.Shylaja has presented a paper "Oxidation of Xanthine Derivatives in the presence of Micelle forming surfactants by Ceric Ammonium Nitrate in Acetonitrile – A Kinetic study" at International Virtual Conference on Materials and Nanotechnology (IVCMN-2021), Guru Nanak College of Science, Ballarpur, Maharastra, from April 29-30, 2021.
- 12. Dr.S.Shylaja has presented a paper(earned Best Oral Presentation Award) "Catalytic activity of polyethylene glycols on oxidation of biomolecules under conventional and non conventional conditions" at Sixth International Conference on Advances in Materials Science (Online), Raje Ramrao Mahavidyalaya, Jath, Maharastra, from 23rd 24 th April 20 21 (ICAMS 20 21).
- 13. Dr.S.Shylaja has presented a paper (earned Best Oral Presentation Award) on "Micelles as efficient catalysts for the oxidation of xanthine alkaloids under conventional and non conventional conditions" at International conference on Advances in science & Technology, Tiruvannamalai, Tamilnadu, from 2nd to 3rd April, 2021.

