Annexure : 1 : Research Paper Publication

1. “Growth and characterization of Struvite crystals”
   Chetan K. Chauhan, K. C. Joseph, B. B. Parekh, M. J. Joshi

2. “Growth inhibition of Struvite crystals in the presence of juice of Citrus medica Linn.”
   C. K. Chauhan, M. J. Joshi
   International Journal : Urological Research
   DOI No: 10.1007/s00240-008-0154-4
   URL : http://www.springerlink.com/content/w262602060150x00/fulltext.pdf

3. “Growth inhibition of Struvite crystals in the presence of herbal extract Commiphora wightii”
   C. K. Chauhan, M. J. Joshi, A. D. B. Vaidya
   International Journal : Journal of Materials Science: Materials in Medicine
   Volume 20 (Supplement 1), December 2009, Page No. 85-92
   DOI No: 10.1007/s10856-008-3489-z
   URL : http://www.springerlink.com/content/frt22817108181wx/

4. “Growth Inhibition of Struvite Crystals in the presence of Herbal extract Boerhaavia diffusa Linn.”
   C. K. Chauhan, M. J. Joshi, A. D. B. Vaidya
   International Journal : American Journal of Infectious Diseases
   ISSN 1553-6203.
   URL : http://scipub.org/fulltext/ajid/ajid53170-179.pdf

5. “Growth and Characterization of Bis-Thiourea Strontium Chloride Single Crystals”
   R. R. Hajiyani, D. J. Dave, C. K. Chauhan, P. M. Vyas, M. J. Joshi
   International Journal : Modern Physics Letters B
   DOI No: 10.1142/S0217984910022810
6. “Growth and characterization of Struvite-K crystals”
   C. K. Chauhan, P. M. Vyas, M. J. Joshi
   International Journal : Crystal Research and Technology
   DOI No: 10.1002/crat.201000587
   URL : http://www.crystalresearch.com/crt/ab46/ab460187.html

7. “Growth Inhibition of Struvite Crystals in the Presence of Herbal Extract Rotula aquatica Lour”
   C. K. Chauhan, M. J. Joshi, A. D. B. Vaidya
   ISSN: 0975-0959 (Online); 0301-1208 (Print)
   URL:http://nopr.niscair.res.in/bitstream/123456789/11990/1/IJBB%2048%283%29%20202-207.pdf

8. “Growth, FT-IR Spectroscopy, Thermogravimetry and Chemical Etching Studies of Potassium Pentaborate Crystals”
   Hirenkumar S. Jani, Poorvesh M. Vyas, Sonal R. Vasant, Kashmira P.Tank, Chetan K. Chauhan, B. B. Parekh and M. J. Joshi
   Proceedings of XV National Seminar on Crystal Growth, PSNCET, Tirunelveli.
   NSCG 2011 – 152 (23-25 February 2011)

   C. K. Chauhan
   VAK, Saurashtra University Publication.
   Volume 4, 2009, Page No. 114 – 141

10. “In Vitro Crystallization, Characterization and Growth-Inhibition Study of Urinary Type Struvite Crystals”
    C. K. Chauhan, M. J. Joshi
    International Journal : Journal of Crystal Growth
    Communicated.
Annexure : 2
Research Paper Presented at
International and National Level Conferences

1. “Growth Inhibition of Struvite crystals in the presence of the juice of Citrus medica Linn”
   Chetan K. Chauhan, R. M. Vaishnav, L. K. Maniar, Poorvesh Vyas, Kashmir Tank, Dhaval Khunti and M. J. Joshi
   11th NSCG – 11th National Seminar on Crystal Growth – 2006
   (With International Participation)
   SSN College of Engineering, SSN Nagar, Kalavakkam, Tamil Nadu, India
   7 – 9 December, 2006.

2. “Micro-hardness Study of Struvite”
   Chetan K. Chauhan and M. J. Joshi
   National Seminar on Recent Trends in Materials Science,
   Department of Physics, Saurashtra University, Rajkot, India

3. “Dielectric Study of Mixed Crystals of Mn-Fe-Co Tartrate”
   Kashmir P. Tank, S. J. Joshi, B. B. Parekh, C. K. Chauhan, M. J. Joshi
   National Seminar on Recent Trends in Materials Science,
   Department of Physics, Saurashtra University, Rajkot, India

4. “Growth Inhibition of Struvite Crystals in the presence of Herbal extract Routla Aquatica Lour”
   C. K. Chauhan, M. J. Joshi, A. D. B. Vaidya
   15th ICCG – International Conference on Crystal Growth – 2007
   Salt Lake City, Utah, USA. (Presented by M. J. Joshi)

5. “Growth Inhibition of Struvite crystals in the presence of Herbal extract Commiphora Wightii”
   C. K. Chauhan, M. J. Joshi, A. D. B. Vaidya
   Hotel Grand Ashok, Bangalore, India
6. “Growth Inhibition of Struvite Crystals in the presence of Herbal extract Boerhaavia diffusa Linn.”

C. K. Chauhan, M. J. Joshi, A. D. B. Vaidya

IIT – Madras, Chennai.

7. “Vickers Micro-hardness Study of Urinary Type Struvite Crystals”

C. K. Chauhan, M. J. Joshi

Suntec City, Singapore
28 June to 3 July 2009.

8. “Growth and Characterization of Potassium Magnesium Phosphate Crystals”

C. K. Chauhan, M. J. Joshi

16th ICCG – 2010 :16th International Conference on Crystal Growth – 2010
Beijing, China
8 – 13 August, 2010.

9. “Growth, Powder XRD, Thermal and Dielectric Studies of Cholesterol Crystals”

Poorvesh M. Vyas, S. R. Vasant, Chetan K. Chauhan, H. S. Joshi, M. J. Joshi

39th NSC-2010 : 39th National Seminar on Crystallography – 2010
Department of Physics, University of Jammu, Jammu

10. “Synthesis and Characterization of n-Butyl 4-(3,4-dimethoxyphenyl –6–methyl –2–thioxo–1,2,3,4 tetrahydropyrimidine–5– carboxylate nanoparticles using w/o microemulsion technique”

Poorvesh M. Vyas, Akshay M. Pansuriya, Yogesh T. Naliapara, Chetan K. Chauhan and Mihir J. Joshi

15th ISCB International Conference – 2011 : “Bridging Gaps in Discovery and Development: Chemical and Biological Sciences for Affordable Health, Wellness and Sustainability”
Department of Chemistry, Saurashtra University, Rajkot and Indian Society of Chemists & Biologists, Lucknow
The Grand Bhagwati Hotel, Rajkot
4 – 7 February, 2011.
11. “Growth, FT-IR Spectroscopy, Thermogravimetry and Chemical Etching Studies of Potassium Pentaborate Crystals”
Hirenkumar S. Jani, Poorvesh M. Vyas, Sonal R. Vasant, Kashmira P. Tank, Chetan K. Chauhan, B. B. Parekh and M. J. Joshi
15th National Seminar on Crystal Growth – 2011
PSN College of Engineering and Technology, Tirunelveli

12. “In Vitro Crystallization, Characterization and Growth-Inhibition Study of Urinary Type Struvite Crystals”
Chetan K. Chauhan (Invited Talk)
Suntec City, Singapore
26 June to 1 July 2011.