

Name: Abul Hasnat
Designation: Associate Professor
Qualification: M.Sc., Ph.D.
Experience (Teaching and Research): 18 years
Area of Research: Synthesis of bio-based polymers from natural resources
Other responsibilities:
Has been working as In-charge in the departmental seminar lectures for 10 years.
Has been working as member of NAAC and IQAC for 5 years.
Has been working as member of different admission committees for the 18 years.

List of Publication

(From 2014 to till now)

1. **A. Hasnat**, Eco-Friendly Polymeric Materials Derived from Vegetable Oils: An overview, *Nature & Environment*, 19, 2014, 35-38 (ISSN 2321-810X)
2. S. Ahamad, G. Imran, S. A. Ahmad, **A. Hasnat** Synthesis and characterization of polyesteramide urethane derived from *Melia azedarach* seed oil, *Oriental J., Chem.*, 31, 2015, 1169-1173, (ISSN 0970-020 X).
3. S. Ahamad, G. Imran, S. A. Ahmad, **A. Hasnat**, Studies on acrylic acid modified poly(ester-amide) resins from *Melia azedarach* seed oil – a renewable resource *Chemical Science Transactions* 2015, 4, 858-864, (ISSN 2278-3485).
4. S. Ahamad, S. A. Ahmad, **A. Hasnat**, Synthesis and Characterization of Styrenated poly(ester-amide) resin from *Melia azedarach* seed oil- An eco-friendly resource, *Chemical Science Transactions*, 4, 2015, 1047-1053, (ISSN 2278-3485).
5. S. Ahamad, S. A. Ahmad, **A. Hasnat**, Synthesis and Characterization of methyl methacrylate modified poly (ester-amide) resins from *Melia azedarach* seed oil as coating material, *Material Science Research India*, 13, 2016, 50-56 (ISSN 0973-3469).
6. S. Ahamad, S. A. Ahmad, **A. Hasnat**, Studies on methacrylic acid modified poly(ester-amide) from phthalic acid and fatty amide diol of *Melia azedarach* seed oil *Chemical Science Transactions*, 2016, 5, 1019-1025 (ISSN 2278-3485).
7. **A. Hasnat**, M. Naseem, S. A. Ahmad, Studies on iron embedded polyesteramide resin derived from *Melia-azedarach* seed oil- A renewable resource, *Oriental J. Chemistry*, 32, 2016, 2599-2604 (ISSN 0970-020 X).
8. **A. Hasnat**, M. Naseem, S. A. Ahmad, Studies on alumina incorporated Polyesteramide derived from *Melia-azedarach* seed oil- A renewable resource, *Oriental J. Chemistry*, 32, 2016, 2791-2796 (ISSN 0970-020 X).
9. **A. Hasnat**, Studies on poly (ester-amide) derived from succinic acid and fatty amide diol of *Melia azedarach* seed oil-An Eco-friendly development, *Annals of Natural Sciences*, 2, 2016, 1-5 (ISSN 2455-667X).

10. M. Naseem, **A. Hasnat**, Synthesis and characterization of antimony incorporated polyesteramide derived from *Melia azedarach* seed oil a sustainable resource, *Int. J. Adv. Research in Sci. and Eng.*, 5, 2016, 91-96, ISSN 2319-8354(o), 2319-8346(p).
11. **A. Hasnat**, Modified Alkyd Resins as the Versatile Coating Materials derived from Vegetable Oils, *Arch. Appl. Sci. Res.*, 9, 2017, 7-12 (ISSN 975-508X).
12. **A. Hasnat**, S. Ahamad, S. A. Ahmad, Synthesis and characterization of poly (ester-amide) of adipic acid and fatty amide of *Melia azedarach* Seed Oil – An eco-friendly resource, *Modern Organic Chemistry Research* 2, 2017, 5-10. (ISSN)
13. **A. Hasnat**, A Sajjad, Utilization of *Pongamia glabra* seed oil in the development of eco-friendly products: an overview. *Acta Ciencia Indica* vol XLIII C No. 3, 2017, 279-284 (ISSN
14. A Sajjad, **A. Hasnat**, The role of *Jatropha curcas* seed oil in the sustainable development: an overview. *Annals of Natural Sciences* 3, 2017, 1-5. (ISSN 2455-667X).
15. **A. Hasnat**, Sustainable Development Strategies through Renewable Resources: An Overview, *Annals of Natural Sciences* 4, 2018, 19-23 (ISSN 2455-667X).
16. Azahar Sajjad, **A. Hasnat**, Exploitation of linseed oil in the development of eco-friendly products: An overview, *International J. of Advance and Innovative Research* 6, 2019, 101-106, (ISSN 2394-7780).

Book Chapters in edited Books and proceedings

1. **A. Hasnat**, Vegetable oil and its significance in sustainable development, emerging trends of plant physiology for sustainable crop production, Edited by Z. Abbas, A.K. Tiwari, P. Kumar, Apple Academic Press, USA, 2018, 69-86 (ISBN 9781771886369)
2. **A. Hasnat**, Sustainable development and ethical values in proceeding of national conference “Promotion of ethics and Human Values”, Organized by G.F. College, Shahjahanpur, 2016, 150-153. (ISBN 81-88891-60-6).
3. **A. Hasnat**, Renewable resources and its impact on sustainable development, Recent development in nanoscience and green chemistry, published by Neelkamal Prakashan, Delhi, 2020, 166-168 (ISBN81-88962-83-X).
4. M. Naseem, **A. Hasnat**, An overview of structural properties of vegetable oils: A sustainable alternate of petroleum-based polymeric resin, Recent development in nanoscience and green chemistry, published by Neelkamal Prakashan, Delhi, 2020 199-200 (ISBN81-88962-83-X).
5. A. Salam, **A. Hasnat**, Practicable materials derived from renewable resource: A perspective, recent development in nanoscience and green chemistry, published by Neelkamal Prakashan, Delhi, 2020, 249-250 (ISBN81-88962-83-X).