

# *Nipa Nayek*

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| <b><i>Designation*</i></b>                                           | SACT II                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b><i>Name Of The Department*</i></b>                                | Chemistry                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b><i>Address</i></b>                                                | 642, Sakherbazar, kolkata-08.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b><i>E-Mail Id*</i></b>                                             | nipa.nayek@gmail.com                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b><i>Contact No.</i></b>                                            | 8240107041                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b><i>Educational Qualification*</i></b>                             | M.Sc in Chemistry                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b><i>Specialization*</i></b>                                        | Organic Chemistry                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b><i>Total Teaching Experience (In Years) *</i></b>                 | 12 years                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b><i>Courses Taught*</i></b>                                        | UG Chemistry Gen                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b><i>Minor Research Project*</i></b>                                | Mini project work on Heterocyclic compounds synthesis named by pyrazoline and parazol of ferrocene collaboration with Presidency University and Vivekananda College for Women in 2016.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b><i>Participation In Conferences, Symposias And Workshops*</i></b> | <ul style="list-style-type: none"> <li>• Regioselective synthesis of novel ferrocene tethered pyrazolines and parazoles: Evaluation of their antimicrobial activities and optical properties Nipa Nayek #and Koena Ghosh*poster presentation in the "National Symposium on Recent Advances in Chemistry &amp; Industry (2<sup>nd</sup> Aug. &amp; 3<sup>rd</sup> Aug. 2017) organized by the Department of Chemistry, Indian Institute of Engineering Science and Technology, Shibpur, Howrah, W.B.</li> <li>• N-heterocyclic carbene catalyzed organic transformations in droplet nanoreactor : an enhanced reactivity in confined environment Nipa Nayek#, Shubhojit Dhara and Koena Ghosh *poster presentation in Proceedings of the International Conference on Chemistry for Human Development (ICCHD 2018), 2018 (Jan. 8-10, 2018), Organized by Calcutta University and Heritage Institute of Technology, Kolkata, W. B. India.</li> <li>• Synthesis and characterization of Novel Ferrocenyl pyrazolines and parazoles: Evaluation of their antimicrobial activities and optical properties Nipa Nayek#, Shubhojit Dhara and Koena Ghosh *poster presentation in Proceedings of the two days Symposium, organized by Dept. of Chemistry ,Presidency University held on 5<sup>th</sup> of January ,2018 at Presidency University.</li> </ul> |
| <b><i>Publication*</i></b>                                           | <ul style="list-style-type: none"> <li>• Design and synthesis of ferrocene tethered pyrazolines and parazoles : photo physical studies , protein binding behavior with bovine serum</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

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|                             | <p>albumin and antiproliferative activities against MDA-MB -231 triple negative breast cancer cells.</p> <ul style="list-style-type: none"><li>• Koena Ghosh 1, Nipa Nayek 1,2, subhomoy Das3,4, Nabendu Biswas5, Samraj Sinha5. Published on 2<sup>nd</sup> March 2021 on applied Organometallic chemistry (wiley).</li></ul> |
| <i>Out Reach Programme*</i> | <p>Act as Nutrition and wellness Advisor in Kaipo, Keva, Sahnewal, Punjab-141120<br/>Website:www.kevaind.org<br/>Helpline no :01615207000<br/>Email: support@kevaind.org</p>                                                                                                                                                   |