Publications details

S. No.	Name of the Corresponding author	Type of Research Publication (Research Article/ Review article)	Citation of the Research Publication (Research Article) [Vancouver style]	Discipline	Date of publication (Month & Year)	Indexing agency i.e. Scopus, Pubmed, UGC care, Web of Science etc.	DOI, ISSN	Name of Institute/Centre
1	V. K. Juyal	Research Article	Juyal VK, Thakuri SC, Panwar M, Rashmi , Prakash O, Perveen K, Bukhari NA and Nand V (2024) Manganese(II) and Zinc(II) metal complexes of novel bidentate formamide-based Schiff base ligand: synthesis, structural characterization, antioxidant, antibacterial, and in-silico molecular docking study. Front. Chem. 12:1414646. doi: 10.3389/fchem.2024.1414646	Fundamental Research	19/07/2024	PubMed Central (PMC), Scopus, Web of Science Science Citation Index Expanded (SCIE)	10.3389/fchem.2024.1414646	RARI, Gwalior
2	Krishna Kumar	Research Article	Prasad T.; Pande, P. P.; Kumar, K; Rai, S.; Chaudhary, A.; Tiwari, R.; Tungala, K. K.; Singh V. K. Fabrication of Low-Cost Thermoresponsive Microgel@CuO Catalyst for Rapid Reduction of Methylene Blue Dye, Journal of Polymer Research, 2024, 31, 183 (DOI: 10.1007/s10965-024-04022-3)	Fundamental Research	14/06/2024	SCOPUS Science Citation Index Expanded (SCIE) UGC-CARE	10.1007/s10965-024-04022-3	RARI, Gwalior

3	S. Krishnamoorthi	Research Article	*Tiwari, R.; Parwati, Km; Verma, D. K.; Kumar, D.; Yadav, S.; Rai, R.; Kumar, D.; Adhikary, P.; Krishnamoorthi, S. Ionic liquid supported Chitosan-g-SPA as a biopolymer-based single ion conducting solid polymer electrolyte for energy storage devices. International Journal of Biological Macromolecules. 2024, 135872 (DOI: 10.1016/j.ijbiomac.2024.135872)*	Fundamental Research	26/09/2024	Scopus, medline, Science Citation Index Expanded (SCIE)	10.1016/j.ijbiomac.2024.135872	RARI, Gwalior
4	S. Krishnamoorthi	Research Article	*Rai, R.; Tiwari, R.; Verma, D. K.; Kumar, D.; Yadav, S.; Parwati, Km; Krishnamoorthi, S. Ionic Liquid-Supported Single Sodium-Ion Conducting Styrene-Maleic Anhydride Copolymer for Energy Storage Devices, Energy Technology, 2024, 2400801 (DOI: 10.1002/ente.202400801)*	Fundamental Research	8-May	Scopus, Web of Science	10.1002/ente.202400801	RARI, Gwalior
5	Krishna Kumar	Research Article	Rai, S.; Pande, P. P.; Chaudhary, A.; Prasad, T.; Tiwari, R.; Parwati, Km.; Krishnamoorthi, S.; Das, A.; Kumar, K. Ameliorating Enzyme Functionality with Temperature and pH Responsive Polymer Interface. Journal of Polymer Research, 2025, 32, 1 (DOI:10.1007/s10965-024-04227-6).	Fundamental Research	17/12/2024	SCOPUS Science Citation Index Expanded (SCIE) UGC-CARE	10.1007/s10965-024-04227-6	RARI, Gwalior

6	Krishna Kumar	Research Article	Rai, S.; Pande, P. P.; Chaudhary, A.; Prasad, T.; Tiwari, R.; Parwati, Km.; Krishnamoorthi, S.; Dutta, A.; Kumar, K. Emergence of ADM-mediated Bioconjugate to Enhance Longevity and Catalytic Efficiency of Urease. International Journal of Biological Macromolecules, 2025, 296, 139629 (DOI: 10.1016/j.ijbiomac.2025.139629)	Fundamental Research	October 2024	Scopus, medline, Science Citation Index Expanded (SCIE)	10.1016/j.ijbiomac.2025.139629	RARI, Gwalior
7	S. Krishnamoorthi	Research Article	Rudramani Tiwari, Jarupula Suman, Dipendra Kumar Verma, Devendra Kumar, Shashikant Yadav, Km Parwati, Rajshree Rai, Shailja Rai, Krishna Kumar, S. Krishnamoorthi, Amitava Rakshit, High-performance nitrogen-polymer fertilizer: Synthesis, characterization, and application in sustainable agriculture, Chemical Engineering Journal, Volume 509, 2025, 161215, (doi: 10.1016/j.cej.2025.161215)	Fundamental Research	3-Mar	SCOPUS Science Citation Index Expanded (SCIE)	10.1016/j.cej.2025.161215	RARI, Gwalior
8	A. K. Meena	Research Article	Meena, A. K.; Tiwari, R.; Gnanabhaskar, D.; Ojha, K. K.; Mehta A.; Kamra, J.; Dixit A. K.; Singh, A. In Silico Rho Kinase Inhibition and FP-Agonist Potential Study of Rotenoids Present in Boerhavia diffusa Root for Curing Uveitic Glaucoma. Chemistry Select, 2025, 10, 12, e202404950 (DOI: 10.1002/slct.202404950)	Fundamental Research	19/03/2025	Scopus, web of science	10.1002/slct.202404950	RARI, Gwalior

9	S. Krishnamoorthi	Review Article	Yadav, S.; Verma, D. K.; Tiwari, R.; Kumar, D.; Parwati, Km; Rai, R.; Adhikary, P.; Krishnamoorthi, S. Alginate-based semiconducting electrolyte material for energy storage applications. Energy Technology, 2025, 13, 3, 2401912 (DOI:10.1002/ente.202401912)	Fundamental Research	17/03/2025	Scopus, web of science, Science Citation Index Expanded (SCIE)	10.1002/ente.202401912	RARI, Gwalior
10	Dr. S.B.Singh	Review Article	Singh SB, Mansoria P, Sisodia BS, Kumar V, Kumar A. A comprehensive review of the altmetrics of top 50 scholarly publications on Ayurveda Rasayana. Journal of Drug Research in Ayurvedic Sciences. 2024 Dec 1;9(Suppl 2):S167-74.	Fundamental Research	December 2024	UGC care	DOI: 10.4103/jdras.jdras_204_24	RARI, Gwalior
11	Dr. S.B.Singh	Review Article	Singh SB, Sisodia BS, Mansoria P, Ahmad A, Rai AK. Bibliometric analysis of the research publications on AYUSH-64 for COVID-19. International Journal of Ayurveda Research. 2024 Jul 1;5(3):172-8.	Fundamental Research	07-01-2024	UGC care	10.4103/ijar.ijar_128_24	RARI, Gwalior
12	Lalita sharma	Research Article	Sharma V, Yadav B, Sharma L, Rana R, Singhal R, Tripathi A, Khanduri S, Sharma BS, Chandrasekhararao B, Srikanth N, Dhiman KS. Ayurveda formulations for prophylaxis against coronavirus disease-2019 infection-A prospective community-based study in identified containment zones of 19 districts across India. AYU (An International Quarterly Journal of Research in Ayurveda). 2024 Jan 1;45(1):1-1.	clinical Research	2024/1/1	UGC care	10.4103/ayu.ayu_223_22	RARI, Gwalior

13	Sapna Avinash Kondalkar	Research Article	Naaz, I, Kondalkar, AK, Kondalkar, SA, Physicochemical, Phytochemical, NMR, FTIR and LC-MS analysis of extract of ripe fruits of Carissa carandus L., Current Indian Science, 2024, 2 (3), 1-12	Pharmacognosy	September 2024	Bentham Science	DOI: 10.2174/012210299X32015624092604462 5, 2024, 2	RARI, Gwalior
14	Lingesh Allakonda	Research Article	Allakonda L, Potnuri AG, Dokuparthi SK, Danaboina GB, Subramanyam K. Commelina benghalensis attenuates cyclophosphamide-induced hepatotoxicity by preserving hepatic mitochondrial activity through upregulating pro-mitochondrial proteins. Tradit Kampo Med. 2024;11:230–41	Pharmacological research	December, 2024	Scopus	10.1002/tkm2.1432	RARI, Gwalior
15	Lingesh Allakonda	Research Article	Godwin PA, Allakonda L, Ajith K. Predicting the skin sensitizing potential of pesticides using Pred-Skin 3.0 – A web-based prediction tool. Toxicol In Vitro. 2025 Jan;104:106015.	Pharmacological research	January 2025	Scopus	10.1016/j.tiv.2025.106015	RARI, Gwalior
16	Pradip V. Behare	Research Article	Nataraj BH, Jeevan K, Dang AK, Nagpal R, Ali SA, Behare PV. Pre-clinical safety and toxicity assessment of Limosilactobacillus fermentum NCDC 400 in murine model. Microb Pathog. 2024 Apr;189:106589.	Pharmacological research	April 2024	Scopus	doi:10.1016/j.micpath.2024.106589	RARI, Gwalior

17	Pradip V. Behare	Research Article	Nataraj BH, Ranveer SA, Jeevan K, Nagpal R, Behare PV. Immune and microbiome modulatory effects of Limosilactobacillus fermentum NCDC 400 in an immunocompromised mouse model. Microb Pathog. 2024 Nov;196:106927.	Pharmacological research	November 2024	Scopus	doi:10.1016/j.micpath.2024.106927.	RARI, Gwalior
18	Vipin Sharma	Research Article	Sharma, Vipin1; Yadav, Babita2; Sharma, Lalita3; et al Ayurveda formulations for prophylaxis against coronavirus disease-2019 infection - A prospective community-based study in identified containment zones of 19 districts across India	Clinical Research	June 2024	UGC care	DOI: 10.4103/ayu.ayu_223_22	RARI, Nagpur
19	**Bhavana Srivastava**	Review Article	Srivastava B, Sharma H, Meena AK, Bharthi V. Balancing tradition and conservation: Exploring plant part substitution in traditional medicine. Journal of Integrative Medicine. 2025 May 1;23(3):209-17.	Drug Research	May 2025	Scopus	10.1016/j.joim.2025.04.001	RARI Gwalior
20	**S. Krishnamoorthi**	Research Article	Rai R, Tiwari R, Verma DK, Kumar D, Yadav S, Parwati K, Krishnamoorthi S. Single Sodium-Ion Conducting Borate-Based Polyeugenol Electrolyte for Energy Storage Devices. ACS Applied Polymer Materials. 2025 Dec 25;8(1):122-33.	Fundamental Research	December 2025	Scopus Web of Science	10.1021/acsapm.5c03155	RARI Gwalior

21	**Rudramani Tiwari**	Review Article	Kamra J, Saini P, Prakash O, Kumar V, Tiwari R.Kamra J, Saini P, Prakash O, Kumar V, Tiwari R. A comprehensive review on biotechnological approaches for improvement of medicinal plants: techniques for qualitative and quantitative production. 3 Biotech. 2025 Dec;15(12):435.: techniques for qualitative and quantitative production. 3 Biotech. 2025 Dec;15(12):435.	Drug Research	November 2025	Scopus, PubMed, Web of Science	10.1007/s13205-025-04619-5	RARI Gwalior
22	**Krishna Kumar**	Research Article	Rai S, Pande PP, Kumar K, Tungala K, Tiwari R, Parwati K, Krishnamoorthi S, Chaudhary A, Dutta A, Prasad T, Singh VK. Reinforcement of urease through encapsulation with β-Cyclodextrin-based bioconjugates: A comparative analysis and kinetic assessment. Reactive and Functional Polymers. 2025 Oct 27:106532.	Fundamental Research	January 2026	Scopus, Web of Science	10.1016/j.reactfunctpolym.2025.106532	RARI Gwalior
23	**Bhavana Srivastava**	Research Article	Srivastava B, Kondalkar SA, Bharthi V, Kumar V, Shakya S, Sharma L, Rotwar DS, Meena AK. Assessing the Quality of Kanchanar Guggulu: A Comparative Analysis of Key Parameters in Various Market Brands. Ancient Science of Life. 2024 Jul 1;39(1):67-78.	Drug Research	December 2025	PubMed, Web of Science	10.4103/asl.asl_66_24	RARI Gwalior

24	**Dr. Chandra Shekhar Sharma**	Review Article	Sharma CS, Sharma M, Kumari D, Tiwari R, Prakash O, Kumar V, Meena AK. Saussurea costus A plant useful in averting breast cancer progression: An overview. European journal of pharmaceutical and medical research. 2025, 12(9), 361-372	Drug Research	September 2025	Other	ISSN (O): 2394-3211 ISSN (P): 3051-2573	RARI Gwalior
25	**Vandana Bharthi**	Research Article	Meena AK, Prakash O, Sreekala V, Sharma P, Bharthi V, Ojha V, Danaboina G, Srikanth N, Acharya R. Leveraging high-throughput analytical techniques for simultaneous standardization of Ayurvedic formulations and their main ingredient Acacia catechu: Advancing evidence-based medicine. International Journal of Ayurveda Research. 2025 Jul 1;6(3):218-27.	Drug Research	Jul–Sep 2025	Scopus, Web of Science	10.4103/ijar.ijar_268_24	RARI Gwalior
26	Om Prakash	Research Article	Prakash O, Kushwaha D, Perveen K, Arzoo S, Gangola S, Juyal VK, Khan S, Vivekananda. From byproduct to bioactive: genetic profiling, GC-MS, and nutritional analysis of citrus peel extracts for nutraceutical development. Frontiers in Plant Science. 2025 Dec 8;16:1703245.	Drug Research	December 2025	Scopus, Web of Science	doi.org/10.3389/fpls.2025.1703245	RARI Gwalior

27	**S. Krishnamoorthi**	Review Article	Parwati, Km; **Tiwari, R.**; Sharma C. S.; Bijanu, A.; Kumar, D.; Ranjan, P.; Saha, B.; Krishnamoorthi, S. Application of Polymers in Solar Cells: Principles for Material Selection, Processing, Photovoltaic Properties & their Enhancement Techniques-A Tutorial Review. *Progress in Materials Science.* **2026**, 161, 101705	Fundamental Research	September 2026	Scopus, Web of Science	(DOI:10.1016/j.pmatsci.2026.101705)	RARI Gwalior

B. Submission of Information for Book Chapter/Papers published for the year 2024-25 (April, 2023 to March, 2024)

S. No.	Name of the Corresponding author	Type of Research Publication (Book Chapter/Papers)	Citation of the Research Publication (Book Chapter/Papers in Seminar proceedings) [Vancouver style]	Discipline	Date of publication (Month & Year)	ISBN	Name of Institute/ Centre
1	*Viveka Nand*	Book Chapter	Graphene and its Derivatives: Chemistry, Properties, and Energy Storage Application Pp. 49-70 (22) Om Prakash, Vijay Kumar Juyal, Abhishek Pathak, Neeraj Kumar, Vivek Kumar, Shivani Verma, Akansha Agrwal, Viveka Nand* 10.2174/9789815223408124010005	Fundamental Research	June 2024	978-981-5223-41-5	RARI, Gwalior
2	Raju Khan	Book Chapter	Ranjan, P., Tiwari, R., Khan, R., Singh, A., Banjara, L.S. (2024). Properties of Boron Nanocrystals, Borophene, and its Polymorphs. In: Khan, R., Sadique, M.A., Yadav, S., Rotaru, A. (eds) 2D Boron Nanosheets. Engineering Materials. Springer, Singapore. (DoI: 10.1007/978-981-97-7014-4_5)	Fundamental Research	September 2024	ISBN: 978-981-97-7013-7	RARI, Gwalior

3.	Sapna Avinash Kondalkar	Book Chapter	Gupta N, Khambete H, Billore S, Jain S, Sharma KK, Kondalkar SA. Nanobioremediation and phytonanotechnology for remediation of various categories of pollutants. In: Agarwal N, Solanki VS, Singh N, Shah MP, editors. Nanotechnology in environmental remediation. Bentham Science Publishers; 2025. p. 168–197.	Pharmaceutical Research	October 2025	ISBN (Online): 978-981-5322-94-1, (Print): 978-981-5322-95-8.	RARI, Gwalior
4.	Dr. Alok Sharma	Book Chapter	Sharma A, Kumar P, Kondalkar SA, Paul B. Threat status to the Himalayan ecosystem and its trending preventive strategies. In: Plant diversity and conservation strategies of the Himalayan biodiversity hotspot. Springer Nature; 2026.	Medicinal Plant Research and Fundamental Research	July 2026	978-3-032-21696-0	RARI, Gwalior
5.	Dr. Rudramani Tiwari	*Book Chapter*	Tiwari R, Bijanu A, Sharma CS, Kumar V, Banjara LS, Kumar U, Kumar K, Meena AK. Role of Spectroscopy in Drug Development of Allopathic Drugs. In Modern Spectroscopic Techniques for Drug Discovery and Environmental Sustainability, IGI Global Scientific Publishing. 2025 (pp. 65-96).	Drug Development	April 2025	979-8-3693-7473-3	RARI, Gwalior
6.	Vivek Kumar	*Book Chapter*	Kumar V, Rani M, Tiwari R, Sharma CS, Kamra J. Advanced Uses of Spectroscopic Techniques in Medical Science. In Modern Spectroscopic Techniques for Drug Discovery and Environmental Sustainability, . IGI Global Scientific Publishing, 2025 (pp. 51-64).	Drug Development	April 2025	979-8-3693-7473-3	RARI, Gwalior
6	Dr. Chandra Shekhar Sharma	*Book Chapter*	Sharma CS, Sharma M, Kumari N, Yadav AK, Kumar V, Tiwari R, Meena AK. Sustainability Challenges in Spectroscopy for Drug Discovery. In Modern Spectroscopic Techniques for Drug Discovery and Environmental Sustainability, IGI Global Scientific Publishing. 2025 (pp. 401-428).	Drug Development	April 2025	979-8-3693-7473-3	RARI, Gwalior

7	Om Prakash	*Book Chapter*	Thakuri SC, Rawat K, Juyal VK, Sagar AK, Chausali OP, Nand V. Application of Raman Spectroscopy in Drug Discovery. In Modern Spectroscopic Techniques for Drug Discovery and Environmental Sustainability, IGI Global Scientific Publishing. 2025 (pp. 221-254).	Drug Development	April 2025	979-8-3693-7473-3	RARI, Gwalior
8.	Dr. Rudramani Tiwari	*Book Chapter*	**Tiwari, R.**; Parwati, Km; Rai, R.; Ranjan, P.; Kumar, K; Meena, A. K.; Krishnamoorthi, S.; Singh, A. Biopolymers in Batteries: Concepts and Applications. In book: Biopolymer-based Composites for Energy Generation and Storage. **2026,** Pages 99-139, Elsevier	Fundamental Research	2026	(DOI:10.1016/B978-0-443-31522-0.00006-3). 9780443315220	RARI, Gwalior
9.	Dr. SB Singh	*Book*	NTET simplified: Concise Guide for Aspiring Ayurveda Teachers	Education and Research	March 2026		RARI, Gwalior

C. Submission of Information for Book /Monographs published for the year 2024-25 (April, 2023 to March, 2024)

S. No.	Name of the Corresponding author	Type of Research Publication (Book Chapter/Papers in Seminar proceedings)	Citation of the Research Publication (Book Chapter/Papers in Seminar proceedings) [Vancouver style]	Discipline	Date of publication (Month & Year)	ISBN	Name of Institute/ Centre
1	Prof. Vaidya Rabinarayan Acharya, Director General, CCRAS Chief Editor & others and Dr.M.M.Sharma as Member of Editorial Board & others	Ayurveda Sangrah Uttarardh (with Hindi Translation) Uttarardh Translated by Dr.M.M. Padhi	Kaviraj Devendranath Sen Gupt Evam Kaviraj Upendranath Sen Gupt Virachit Ayurveda Sangrah- Uttarardh (with Hindi Translation) Second edition, Central Council for Research in Ayurvedic Sciences, New Delhi, 2024. This book listed in Shedule of Drug & Cosmetic Act 1940. ISBN: 978-93-92544-31-6	1	Prof. Vaidya rabinarayan acharya, Director General, CCRAS Chief Editor & others and Dr.M.M.Sharma as Member of Editorial Board & others	Ayurveda Sangrah Uttarardh (with Hindi Translation) Uttarardh Translated By Dr.M.M.Padhi	Kaviraj Devendranath Sen Gupt Evam Kaviraj Upendranath Sen Gupt Virachit Ayurveda Sangrah- Uttarardh (with Hindi Translation) Second edition, Central Council for Research in Ayurvedic Sciences, New Delhi, 2024. This book listed in Shedule of Drug & Cosmetic Act 1940. ISBN: 978-93-92544-31-6

2	Prof. Vaidya Rabinarayan Acharya, Director General, CCRAS Chief Editor & others and Dr.M.M.Sharma as Member of Editorial Team & others	Navanitakam (Hindi & English Translation with Critical notes)	*Navanitakam (Hindi & English Translation with Critical notes), First edition, Central Council for Research in Ayurvedic Sciences, New Delhi, 2024. ISBN: 978-93-92544-31-4*	2	Prof. Vaidya rabinarayan acharya, Director General, CCRAS Chief Editor & others and Dr.M.M.Sharma as Member of Editorial Team & others	Navanitakam (Hindi & English Translation with Critical notes)	*Navanitakam (Hindi & English Translation with Critical notes), First edition, Central Council for Research in Ayurvedic Sciences, New Delhi, 2024. ISBN: 978-93-92544-31-4*
3	Prof. Vaidya Rabinarayan Acharya, Director General, CCRAS Chief Editor & others and Dr.M.M.Sharma as Editorial support & others	Vaidyajivanam (English translation, comments and transliteration of Sanskrit verses by Kaviraj G.L. Chanana)	*Pandit LolimbRaj Krit Vaidyajivanam (English translation, comments and transliteration of Sanskrit verses by Kaviraj G.L. Chanana), First edition, Central Council for Research in Ayurvedic Sciences, New Delhi, 2024. ISBN: 978-93-92544-81-1*	3	Prof. Vaidya rabinarayan acharya, Director General, CCRAS Chief Editor & others and Dr.M.M.Sharma as Editorial support & others	Vaidyajivanam (English translation, comments and transliteration of Sanskrit verses by Kaviraj G.L. Chanana)	*Pandit LolimbRaj Krit Vaidyajivanam (English translation, comments and transliteration of Sanskrit verses by Kaviraj G.L. Chanana), First edition, Central Council for Research in Ayurvedic Sciences, New Delhi, 2024. ISBN: 978-93-92544-81-1*

4	Prof. Vaidya Rabinarayan Acharya, Director General, CCRAS Chief Editor & others and Dr.M.M.Sharma as Nodal Officer & others	Siddhanagarjun pranit Siddhanagarjuniyam	*Siddhanagarjun pranit Siddhanagarjuniyam, First edition, Central Council for Research in Ayurvedic Sciences, New Delhi, 2024. ISBN: 978-93-92544-83-5*	4	Prof. Vaidya rabinarayan acharya, Director General, CCRAS Chief Editor & others and Dr.M.M.Sharma as Nodal Officer & others	Siddhanagarjun pranit Siddhanagarjuniyam	*Siddhanagarjun pranit Siddhanagarjuniyam, First edition, Central Council for Research in Ayurvedic Sciences, New Delhi, 2024. ISBN: 978-93-92544-83-5*
5	Prof. Vaidya Rabinarayan Acharya, Director General, CCRAS Chief Editor & others and Dr.M.M.Sharma as Nodal Officer & others	Rasayanatarangini & Rasashastragranth	Rasayanatarangini & Rasashastragranth, First edition, Central Council for Research in Ayurvedic Sciences, New Delhi, 2024. ISBN: 978-93-92544-97-2	5	Prof. Vaidya rabinarayan acharya, Director General, CCRAS Chief Editor & others and Dr.M.M.Sharma as Nodal Officer & others	Rasayanatarangini & Rasashastragranth	Rasayanatarangini & Rasashastragranth, First edition, Central Council for Research in Ayurvedic Sciences, New Delhi, 2024. ISBN: 978-93-92544-97-2