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A Systematic Review on Theses Works Carried out at the Post Graduate Department of *Dravyaguna* in Rajiv Gandhi Government Post Graduate Ayurvedic College and Hospital, Paprola, Himachal Pradesh from 2009 to 2021

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ABSTRACT:

Rajiv Gandhi Government Post Graduate Ayurvedic College and Hospital (RGGPGAC&H), Paprola (also known as Paprola Ayurvedic College) was established in 1972 as a private institution. It was taken over by the government of Himachal Pradesh in 1978, affiliating it to Himachal Pradesh University (HPU). Post Graduate Department of Dravyaguna (PGDD) at the college started in 2009; initially intake capacity of the department was two students per year which increased to three later. Since 2020 the intake capacity of PGDD is four students per year. Library and personal interview methods are used for this systematic review study. A total of 24 (5 experimental, 2 survey, 1 literary and 16 clinical) theses have been completed under the supervision of four faculties at the department. 8 theses studies are ongoing (3 clinical, 3 experimental, 1 survey and 1 literary). All those 24 theses studies occurred between 2009-2021 the yield significant results. The department has been continuously working hard on various research and developmental issues of Dravyaguna to promote and motivate Dravyaguna scholars all around.

Keywords: RGGPGAC&H, PG Department of Dravyaguna, Paprola Ayurvedic College, Himachal Pradesh University, Systematic review

INTRODUCTION

Rajiv Gandhi Govt. Post Graduate Ayurvedic College and Hospital (RGGPGAC&H), Paprola, Kangra, Himachal Pradesh (also known as Paprola Ayurvedic College) is located in the shadows of Dhauladhar Hills. The college came into existence in the year 1972 with the name of Him Ayurvedic College (as a private institution) under the supervision of Vaid Hakim Parishad of Himachal Pradesh through the efforts of Vaid Jagan Nath Sharma. At that time, it was affiliated with Punjab faculty Chandigarh. In 1978 on 3rd March, it was undertaken by the government

of Himachal Pradesh. It got affiliated with Himachal Pradesh University in 1979. RGGPGAC&H is the only college of its type in the state[1]. The college is recognized by the National Commission for the Indian System of Medicine (NCISM). It is running an undergraduate course (BAMS) with the capacity of admitting 75 students per year and a postgraduate MD/MS course in 14 different departments with an annual admission capacity of 56 students. The post-Graduate Department of *Dravyaguna* (PGDD) started in 2009 initially with an enrollment of enrolled two students per year which increased to three later. Since 2020 the intake capacity of PGDD is four students per year[1].

The college has a total of 63 experienced and dedicated departmental faculties. PGDD is served by a professor, two associate professors and a lecturer. They also serve as clinical consultants in the hospital to provide patient care. The college's concerned faculties also assist in teaching the pharmacy students at Jogindernagar. The college has its Ayurvedic pharmacy by name of Charka Ayurvedic Pharmacy. RGGPGAC&H has been declared a model college by the Department of AYUSH of the Government of India. RGGPGAC&H is well established with clinical, experimental and practical laboratories, college and departmental libraries computer labs with internet facilities. The peripheral center of the pharmacovigilance program also is set at the college which closely works in coordination with the PGDD[1].

MATERIALS AND METHODS

The library cum phone interview method was adopted for this review study. The departmental library of the Post Graduate Department of Dravyaguna and the college library of RGGPGAC&H were explored for this study.

OBSERVATIONS AND RESULTS

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DISCUSSION

In 12 academic sessions between 2009-2021, a total of 24 students have completed theses research studies. 8 scholars are in the runway to complete it. Out of 32 studies, 3 are ethno-medico-botanical survey studies, 3 are literary studies, 8 are experimental studies and the remaining 18 are clinical studies. The 32 theses studies are all guided by four faculties at PGDD. The maximum no. of co-guides in those studies is 3 and the minimum is 1. On average each study is contributed by two co-guides. Excluding the survey studies and literary studies, in the remaining 26 studies (5 studies are comparative studies), 18 single herbal drugs are clinically studied and 8 single herbs are experimentally studied. All studies have got their hypothesis true and the result is observed substantial. These theses researches have been conducted on 22 different Ayurvedic cum modern ailments (3 studies on Shweta-pradara, 2 studies on hepato-protective activity and two on amlapitta disease). Except for the survey and literary studies, all other studies have taken ethical approval for the studies. All the clinical studies have taken intuitional ethical committee (IEC) approval from IEC at RGGPGAC&H. All the experimental studies have received intuitional animal ethical committee (IAEC) approval from different working research intuitions where their works were carried out. For data collection, these theses studies have specifically used experiments, observation and questionnaire, laboratory tests and literature review methods. The minimum sample size in clinical studies is 20 patients and the maximum is 30. Similarly, the minimum sample size in experimental studies is 6 and the maximum is 48 animals. In the experimental studies, the safety studies or toxicological issue was observed with the application of OECD guidelines. All the studies are inductive. For data analysis 5 studies have taken a descriptive approach and reaming 27 have taken an inferential approach. Out of 32 studies, 6 are observational studies and the remaining 26 are interventional studies. The maximum number of bibliographies listed in those theses is 442 and the minimum is 9. On average 60 bibliographies are listed in each thesis. To process and present the data, all the studies have exclusively used SPSS software. The conceptual reference base of these theses' studies are classical texts books as well as textbooks, reference books and publications of the various authorities under the government of India and its states.

CONCLUSION

In 12 academic sessions from 2009-2021, the PGDD has completed 24 theses and 8 theses studies are ongoing in all four dimensions of research. The completed theses studies have yielded significant results. The department has been

continuously working hard on various research and developmental issues of Dravyaguna to promote and motivate Dravyaguna scholars all around.

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17. Sandu, K 2015, 'To assess the activity of *Snigdha guna* as *Brhiniya* with *Vidarikanda* (*Pueraria tuberose* D.C.) in *Kristha*', MD thesis, HPU
18. Chaubay, P 2016, 'An Experimental & Phytopharmacognostical Study of *Traymana (Gentiana kurro* Royale) to evaluate its hepatprotective activity', MD thesis, HPU
19. Sood, T 2016, 'An Astro-Clinical Study of *Udumbara* in *Sweta Pradara*', MD thesis, HPU
20. Deshraj, 2017, 'An Experimental and Phytopharmacognostical study on *Chirata (Swerita perpuresens*) to evaluate hepatoprotective Activity', MD thesis, HPU
21. Sharma, N 2017, 'Identification of different species used as *Bhumyamalaki* and clinical effect of *Phyllanthus fraternus* Webst. in *Amlapitta*.'
22. Kapoor, R 2017, 'Concept of *Anukta & Anukta Dravyas* w.s.r. to *Shivlingi* (*B. laciniosa* Linn.) ', MD thesis, HPU
23. Bodh, R 2018, 'Survey of Medicinal Plants of Lahaul Region in Distt. Lahaul & Spiti (Himachal Pardesh) ', MD thesis, HPU
24. Lalotra, A 2019, 'Study of *Vipaka* in an experimental model to evaluate the effect of *KatuVipak of Kusth* (*Saussurea lappa*) w.s.r.t. fat metabolism', MD thesis, HPU
25. Mehra, D 2019, 'Identification of different species used as *Vanafsha* and to evaluate the clinical efficacy of *Viola pilosa* Blume in *Kaphaj Kaas*', MD thesis, HPU
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28. Rana, S 2020, 'A Pharmacognostical Study on *Shati* (*Hedychium spicatum* Buch. Ham.ex. Smith) and *Karchura* (*Curcuma zedoaria* Rosc.) for its identification and to evaluate the clinical efficacy of *Karchura (Curcuma zedoaria* Rosc.) in *Tamaka Shwasa*', MD thesis, HPU
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30. Ambika, 2021, 'Phyto Pharmacognostical and in-vitro study of *Chorak* (*Angelica glauca* Edgew.) to evaluate its hypolipidemic and anti-oxidant activities', MD thesis, HPU
31. Sharma, D 2021, 'Survey of medicinal plants of Bharmour sub-division in Distt. Chamba (Himachal Pardesh) ', MD thesis, HPU
32. Rana, K 2021, 'Identification of different species used as *Chukrika* and to evaluate the clinical efficacy of *Rumax vasicarius* Linn. in *Arochak*', MD thesis, HPU
33. Gupta, P 2021, 'A classical review on *pratinidhi dravyas* and phytopharmacognostical analysis on *Langali (Gloriosa superb* Linn.) and *Sthauneyaka* (*Taxus baccata* Linn.) w.s.r. to *Kustha* (*Saussurea lappa* C.B. Clarke) as their *pratinidhi*', MD thesis, HPU

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Table no. 1 Details of Thesis Work

Thesis no.	Academic year and Research Design	Title of thesis work/ Statement of problem	Thesis guide and No. of co-guides ()	Research scholar
1	2009 Clinical	A Comparative Study of *Kumari Swarasa* and *Musabbar* to analyze its effect based on their different *Rasa Panchak* in the management of *Kashtartava* w.s.r. to Dysmenorrhoea[2]	Prof. Ashwani Upadhyay (3)	Dr. Sonia Dhiman
2	2009 Clinical	A Pharmacognostical and Phytochemical Study on *Dhataki* and to Evaluate its Effect on *Sweta Pradara*[3]	Assoc. Prof. Navneet Sharma (3)	Dr. Shama
3	2010 Clinical	A Pharmaco-clinical study on *Katuka* (*Picrorrhiza kooroa* Royale) ex. Benth w.s.r. to) *Amlapitta*[4]	Prof. Ashwani Upadhyay (2)	Dr. Shilpa
4	2011 Clinical	A Pharmaco-Clinical Study of *Padmaka* (*Prunus cerasoides*) to evaluate its effect as *Varanya* w.s.r. to the Skin complexion[5]	Prof. Ashwani Upadhyay (2)	Dr. Laxmi Hansda
5	2011 Clinical	A Pharmaco-Clinical study to evaluate *Shveta mushali* (*Asparagus adescens* Roxb.) as *Vrishya* on Seminal Parameters[6]	Assoc. Prof. Navneet Sharma (2)	Dr. Mohamad Arif
6	2011 Clinical	A Pharmaco-Clinical study of *Pippalimoola* (the root of *Piper longum*) and its effect on *Anidra* (Insomnia)[7]	Prof. Ashwani Upadhyay (2)	Dr. Rekha Sharma
7	2012 Clinical	A Comparative Pharmaco-Clinical study of *Shalmali Pushpa* and *Mochrasa* (*Bombax ceiba* Linn.) as *Rakta Stambhak* in *Rakta-pradara* w.s.r. to DUBI[8]	Assoc. Prof. Navneet Sharma (2)	Dr. Anu Bala
8	2012 Clinical	A Pharmaco-Clinical study to evaluate *Akshotaka* (*Junglans Regia* Linn.) as *Medhya*[9]	Prof. Ashwani Upadhyay (2)	Dr. Chandni Gupta
9	2012 Clinical	A Pharmaco-Clinical study of *Bergenia ciliate* Haw. Stenb and *Aerva lanata Jeus* to evaluate their anti-microbial activity and *Mutrvirenchaniya Karma* w.s.r. to UTI[10]	Assoc. Prof Rashmi Shrivastav (3)	Dr. Saurabh Singh Thapa
10	2013 Clinical	A Comparative Study of *Tagar* (*Valerinia jatamansi*) to evaluate its effect on *Shiroroga* w.s.r. to *Ardhavabhedaka*[11]	Assoc. Prof. Navneet Sharma (2)	Dr. Pankaj Palsara
11	2013 Experimental	A Phyto-pharmacognostical study on two species of *Daruharidra* (*Berberis aristata* and *Berberis lyceum*) to assess their neuro-chemical property[12]	Prof. Ashwani Upadhyay (2)	Dr. Soniya Dubey
12	2014 Literary cum Clinical	*Chikitsa Kalika ke Bayakhya ke samandha mein Chandrat ka Dravyaguna ke Kshetra mein Vishesha Yogadaan*[13]	Assoc. Prof. Rashmi Srivastava (2)	Dr. Haridev Yadav
13	2014 Survey cum Clinical	Survey of Religio-medicinal Plants of Distt. Kangra in Himachal Pardesh[14]	Assoc. Prof. Navneet Sharma (2)	Dr. Minakshi Kaundel
14	2014 Experimental cum Clinical	A Pharmaco-Clinical study on *Saral* to evaluate its effect on *Vipadika*[15]	Prof. Ashwani Upadhyay (3)	Dr. Renuka Chandresh
15	2015 Experimental	A Comparative experimental study of *Mansidwaya* (*Selinium vaginatum* C.B. Clarke and *Nordostachys grandifolia* D.C.) with special reference to their anti-hypertensive activity[16]	Prof. Ashwani Upadhyay (3)	Dr. Bishun Dayal Patel
16	2015 Clinical	To assess the activity of *Snigdha* guna as *Brhiniya* with *Vidarikanda* (*Pueraria tuberose* D.C.) in *Kristha*[17]	Assoc. Prof. Navneet Sharma (2)	Dr. Kulvinder Sandu

17	2016 Experimental	An Experimental and Phytopharmacognostical Study of *Traymana* (*Gentiana kurro* Royale) to evaluate its hepato-protective activity[18]	Prof. Ashwani Upadhyay (3)	Dr. Pragya Chaubay
18	2016 Clinical	An Astro-Clinical Study of *Udumbara* in *Sweta Pradara*[19]	Assoc. Prof. Navneet Sharma (2)	Dr. Tanvi Sood
19	2017 Experimental	An Experimental and Phytopharmacognostical study on *Chirata* (*Swerita perpuresens*) to evaluate hepatoprotective Activity[20]	Prof. Ashwani Upadhyay (3)	Dr. Deshraj
20	2017 Clinical	Identification of different species used as *Bhumyamalaki* and clinical effect of *Phyllanthus fraternus* Webst. in *Amlapitta*[21]	Assoc. Prof. Navneet Sharma (2)	Dr. Navneet Sharma
21	2017 Literary cum Clinical	Concept of *Anukta and Anukta Dravyas* w.s.r. to *Shivlingi* (B. laciniosa Linn.)[22]	Assoc. Prof. Rashmi Srivastava (3)	Dr. Ranjana Kapoor
22	2018 Survey	Survey of Medicinal Plants of Lahaul Region in Distt. Lahaul & Spiti (Himachal Pardesh)[23]	Prof. Ashwani Upadhyay (2)	Dr. Rajan Bodh
23	2019 Experimental	Study of *Vipaka* in an experimental model to evaluate the effect of *KatuVipak of Kusth* (*Saussurea lappa*) w.s.r.t. fat metabolism[24]	Assoc. Prof. Rashmi Srivastava (3)	Dr. Anuradha Lalotra
24	2019 Clinical	Identification of different species used as *Vanafsha* and to evaluate the clinical efficacy of *Viola pilosa* Blume in *Kaphaj Kaas*[25]	Assoc. Prof. Navneet Sharma (1)	Dr. Divya Laxmi Mehra
25	2020 Experimental	Experimental Study of *Van-Lashun* (Fritillaria royeli Hook.) to Evaluate its Anti-inflammatory activity on the lower respiratory system (LRS)[26]	Prof. Ashwani Upadhyay (3)	Dr. Ram Deo Pandit
26	2020 Clinical	A Pharmacognostical and Phytochemical study on *Pullas* (*Rhododendron arboreum* Sm.) and to evaluate its effect *Shweta Pradara* with special reference to non-Specific Vaginal Discharge[27]	Dr. Chandni Gupta (3)	Dr. Ritika
27	2020 Clinical	A Pharmacognostical Study on *Shati* (*Hedychium spicatum* Buch. Ham.ex. Smith) and *Karchura* (Curcuma zedoaria Rosc.) for its identification and to evaluate the clinical efficacy of *Karchura* (*Curcuma zedoaria* Rosc.) in *Tamaka Shwasa*[28]	Assoc. Prof. Navneet Sharma (1)	Dr. Shefali Rana
28	2020 Experimental	A Pharmacognostical Study on *Pushkarmool* (*Inula racemosa* Hook. f.) for its identification and comparative study to evaluate its antihistaminic effect with reference to *Kusth* (*Saussurea lappa* Decne. C. B. Clarke.) in an experimental model[29]	Assoc. Prof. Rashmi Srivastav (3)	Dr. Sunil Sharma
29	2021 Experimental	Phyto Pharmacognostical and in-vitro study of *Chorak* (*Angelica glauca* Edgew.) to evaluate its hypolipidemic and anti-oxidant activities[30]	Dr. Chandni Gupta (3)	Dr. Ambika
30	2021 Survey	Survey of medicinal plants of Bharmour sub-division in Distt. Chamba (Himachal Pardesh)[31]	Prof. Ashwani Upadhyay (3)	Dr. Diksha Sharma
31	2021 Clinical	Identification of different species used as *Chukrika* and to evaluate the clinical efficacy of *Rumax vasicarius* Linn. In *Arochak*[32]	Assoc. Prof. Navneet Sharma (2)	Dr. Kailash Rana
32	2021 Literary	A classical review on *pratinidhi dravyas* and phyto-pharmacognostical analysis on *Langali* (*Gloriosa superb* Linn.) and *Sthauneyaka* (*Taxus baccata* Linn.) w.s.r. to *Kustha* (*Saussurea lappa* C.B. Clarke) as their *pratinidhi*[33]	Assoc. Prof. Rashmi Srivastava (2)	Dr. Priyal Gupta

Table no. 02 Literary view & Result of Thesis

Thesis no.	Disease	Drug	Result (Significant/non-significant)	Hypothesis test (True/False)
1	*Kasta-artava*	*Kumari swarasa/musabbar*	Significant	True
2	*Sweta-pradara*	*Dhataki*	Significant	True
3	*Amlapitta*	*Katuka*	Significant	True
4	*Varanya*	*Padmaka*	Significant	True
5	*Vrishya*	*Shveta mushali*	Significant	True
6	*Anidra*	*Pippali-moola*	Significant	True
7	*Rakta-pradara*	*Shalmali puspha/mocharasa*	Significant	True
8	*Medhya*	*Akshotaka*	Significant	True
9	*Mutravirechyania karma* and anti-microbial activity	*Goraksha-ganja and Pashan-beda*	Significant	True
10	*Ardhaava-bhedaka*	*Tagar*	Significant	True
11	Neuro-chemical property	*Daruharidra*	Significant	True
12	NA	NA	Significant	True
13	NA	NA	Significant	True
14	*Vipadika*	*Saral*	Significant	True
15	Antihypertensive Activity	*Mansidwaya*	Significant	True
16	*Kristha*	*Vidarikanda*	Significant	True
17	Hepato-protective	*Traymana*	Significant	True
18	*Sweta-pradara*	*Udumbara*	Significant	True
19	Hepato-protective activity	*Chirata*	Significant	True
20	*Amlapitta*	*Bhumi-amalaki*	Significant	True
21	NA	*Shivlingi*	Significant	True
22	NA	NA	Significant	True
23	Fat metabolism	*Kustha*	Significant	True
24	*Kaphaj-kaas*	*Vanafsha*	Significant	True
25	Anti-inflammatory	*Van-lashun*	Significant	True
26	*Shweta-pradara*	*Pullas*	Significant	True
27	*Tamaka-swash*	*Karchura*	Significant	True
28	Anti-histamanic	*Pushkarmool*	Significant	True
29	Hypolipidemic	*Chorak*	Significant	True
30	NA	NA	Significant	True
31	*Arochak*	*Chukrika*	Significant	True
32	NA	*Langali/Sthauneyaka/Kustha*	Significant	True

Table no. 3 Data Analysis of Thesis

Thesis no.	Method of data collection	Sampling (Design/Size)	Analysis of data (Descriptive/ inferential)	Research type (Interventional/Observational)	Statistical methods/software used
1	Observation, experiments, questionnaire and tests	30 patients	Inferential	Interventional	SPSS
2	Observation, experiments, questionnaire and tests	40 patients	Inferential	Interventional	SPSS
3	Observation, experiments, questionnaire and tests	30 patients	Inferential	Interventional	SPSS
4	Observation, experiments, questionnaire and tests	21 patients	Inferential	Interventional	SPSS
5	Observation, experiments, questionnaire and tests	30 patients	Inferential	Interventional	SPSS
6	Observation, experiments, questionnaire and tests	25 patients	Inferential	Interventional	SPSS
7	Observation, experiments, questionnaire and tests	30 patients	Inferential	Interventional	SPSS
8	Observation, experiments, questionnaire and tests	30 Volunteers	Inferential	Interventional	SPSS
9	Observation, experiments, questionnaire and tests	30 patients	Inferential	Interventional	SPSS
10	Observation, questionnaire and tests	20 patients	Inferential	Interventional	SPSS
11	Experiments	30 mice	Inferential	Interventional	SPSS
12	Literature review Observation, experiments, questionnaire and tests	NA	Descriptive	Observational	SPSS
13	Observation & questionnaire	NA	Descriptive	Observational	SPSS
14	Observation, experiments, questionnaire and tests	20 patients & 30 rats	Inferential	Interventional	SPSS
15	Experiments	48 rats	Inferential	Interventional	SPSS
16	Observation, questionnaire and tests	21 patients	Inferential	Interventional	SPSS
17	Experiments	12 rats	Inferential	Interventional	SPSS
18	Observation, questionnaire and tests	30 patients	Inferential	Interventional	SPSS
19	Experiments	36 rats	Inferential	Interventional	SPSS
20	Observation, experiments, questionnaires and tests	30 patients	Inferential	Interventional	SPSS
21	Experiments & literature review	6 rats	Descriptive	Interventional cum Observational	SPSS
22	Observation & questionnaire	15 locals	Descriptive	Observational	SPSS
23	Experiments	18 mice	Inferential	Interventional	SPSS
24	Observation, experiments, questionnaire and tests	30 patients	Inferential	Interventional	SPSS
25	Experiments	30 mice	Inferential	Interventional	SPSS
26	Observation, experiments, questionnaire and tests	30 patients	Inferential	Interventional	SPSS
27	Observation, experiments, questionnaires and tests	30 patients	Inferential	Interventional	SPSS
28	Experiments	36 mice	Inferential	Interventional	SPSS
29	Experiments	NA	Inferential	Interventional	SPSS
30	Observation and Questionnaire	NA	Descriptive	Observational	SPSS
31	Observation, experiments, questionnaire and tests	30 patients	Inferential	Interventional	SPSS
32	Literature review and experiments	NA	Descriptive	Observational	SPSS

Table no. 04 Ethical Assurance, Reference base of the study & Safety consideration/ Toxicology issue of Thesis

Thesis no.	No. of bibliography listed	Ethical Assurance	Reference base of the study	Safety consideration/ Toxicology issue
1	58	RGGPG/IEC/62/ 17-12-2011	Database of Medicinal Plants used in Ayurveda (DBMPA) Vol. 3	NA
2	60	RGGPG/IEC/63/17-12-2011	API Part I, Vol. I	NA
3	46	4/2012	The wealth of India Vol. III	NA
4	44	IEC/2013/380	DBMPA Vol. 3	NA
5	58	IEC/2013/382	Indian medicinal plants Vol. 1	NA
6	53	IEC/2013/181	DBMPA Vol. 3	NA
7	41	IEC/2013/415	API Part I Vol. III	NA
8	51	IEC/2013/414	DBMPA Vol. 4	NA
9	43	IEC/2013/416	API Part I, Vol. I	NA
10	45	IEC/2014/663	API Part I Vol. I	NA
11	176	AIMSR/MC/Estt/11/2k14/1376	The Wealth of India	As per OECD guidelines
12	14	IEC/2015/1046	Chikitsa Kalika	NA
13	31	IEC/2015/1045	NA	NA
14	40	IEC/2015/1044	DBMPA Vol. VI	NA
15	442	IAEC/IHBTP-12/Mar.2017	API Vol. I and VI	As per OECD guidelines
16	18	Ayu/IEC/2015/1097	DBMPA Vol. VI	NA
17	164	IHBTP-18/IAEC/12/2017	API Part I, Vol. VI	As per OECD guidelines
18	229	Ayu/IEC/2016/1134	API Part I, Vol. I	NA
19	69	IAEC/IHBTP-8/May 2018	Flora of British India Vol. IV & API	As per OECD guidelines
20	31	Ayu/IEC/2017/1168	NA	NA
21	58	IAEC/IHBTP-5May 2018	NA	As per OECD guidelines
22	9	NA	NA	NA
23	128	IAEC/IHBTP-7/March 2021	Flora of British India	As per OECD guidelines
24	111	Ayu/IEC/2019/1243	Aushadha Namaroopvigyanam Part II	NA
25	NA	IAEC/IHBTP-21/Oct 2022	The Wealth of India Vol. IV	As per OECD guidelines
26	NA	Ayu/IEC/2021/1255	Charak Samhita (Chikitsa-Sthan)	NA
27	NA	Ayu/IEC/2021/1256	Bhava Prakash Nighantu	NA
28	NA	IAEC/IHBTP-21/Oct 2022	Charak Samhita and Rajballav Nighantu	As per OECD guidelines
29	NA	IAEC/IHBTP-21/Oct 2022	Bhava Prakash Nighantu	As per OECD guidelines
30	NA	NA	NA	NA
31	NA	Ayu/IEC/2022/1339	Bhava Prakash Nighantu	NA
32	NA	NA	Bhaisajya Ratnavali	NA