

ರಾಜೀವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಕರ್ನಾಟಕ, ಬೆಂಗಳೂರು

RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES, KARNATAKA, BENGALURU 4th T Block, Jayanagar, Bengaluru – 560 041

Ref: RGUHS/ADV-RES/FR/122/2022-23

Date: 20-03-2023

PROJECT APPROVAL ORDER

Sub:	Orders for approval of research grants to the teaching faculties of affiliated institutions of RGUHS to carryout research projects for the year 2022-23—reg.
Ref:	1. University notification No: RGU/ADV.RES/BR/122/2022-23 dated: 28-03-2022
	2. Approval Of 178th syndicate meeting dated: 27th FEB 2023

Project Code	1	22DEN098	
Name of the Principal Investigator	1	Dr.Chandrashekhargouda. Patil Dental	Faculty:
College Address		S.B.Patil Institute for Dental Sciences & R	esearch,
Research Project Title	:	Cytototxicity of different thermoplastic materials to clear aligners by MTT Assay method-Ex -Vivo St	
Research Grants Sanctioned	:	150000	
Duration of the Project	0	Two Years from the date of receiving Instalment of Research Grants thr	

One of the main objectives of RGUHS is to promote research activities in its affiliated colleges. In this regard, the University had invited applications from teaching faculties of RGUHS affiliated institutions to apply for research projects wherein grant-in-aid will be provided by RGUHS for conducting the research proposals for the year 2022-2023. The Subject Experts as suggested by the concerned Dean of faculty and the Research Advisory Committee have scrutinized the research proposals and shortlisted them based on the criteria set out by the University. Such of the proposals which have fulfilled the norms, have been recommended by the Expert Committee for sanction of research grants.

The Syndicate in its178th meeting held on 27-02-2023 has approved to sanction the grant-in-aid as per the recommendations of Research Advisory Committee for 32 selected proposals from various courses for the year 2022-23.

As per the decision of the Syndicate following orders are made.

ORDER NO:RGUHS/ADV-RES/FR/122/2022-23 DATED:20-03-2023

Pursuant to the orders of the Syndicate, sanction is hereby accorded for release of grant-in-aid amounting to Rs. 150000(Rupees One lakh Fifty thousand only) towards above mentioned research proposal for the year 2022-23.

This Grant-in-aid is subject to the terms & conditions laid down in the Affidavit and latest audit Guidelines.

The Grant-in-aid will be released in the name of Head of the Institution. Following

bifurcation of the budget is as follows:

The bifurcation of grant-in-aid as per the	above criteria applicable is as follows:
50% of the total research grants	75000
Second Instalment 25% of the total research grants	37500
Third Instalment 15% of the total research grants	22500
Fourth Instalment 10% of the total research grants	15000
TOTAL	150000

· Please note that above bifurcation of grants is provisional. If any change/s is/ are required in the bifurcation of amount under sub-heads, the approval of Research Advisory Committee shall be obtained.

· 70% of the amount in each instalment shall be for the research proper and only 30% can be utilized towards honorarium, contingency, Publication, registration and travel for paper presentation.

The Principal Investigators should strictly follow the latest audit guidelines issued by the RGUHS. (The guidelines will be sent shortly)

Further, the Principal / Head of the Institution and Principal Investigator has to submit the affidavit in the given format in Rs.100 stamp paper with notary signature, duly signed by both the Principal / Head of the Institution and Principal Investigator.

RTGS will be sent to the research account on production of Pre-receipt and the notarised affidavit in person at Advanced Research Wing of RGUHS, Ground floor, before 10-04-2023.

Sanctioned amount shall be sent through RTGS to the Head of the Institutions only.

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To

1. Principal Investigators of the above Research project

2. Principal/ Dean/Director of the Institution / College for information



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RAHV GANDHI UNIVERSITY OF HEALTH SCIENCES, KARNATAKA, BENGALURU
4th T Block, Jayanagar, Bengaluru - 560 041

SENO	Faculty	Project Codes	Name of PI	LTY RESEARCH GRANTS	Department/Subjec	Colleg	TOTALAmount
1	Ayurveda	22AYU069	Jaya.H.Malag oudar	analysis of Folklore	and Vyavahara Ayurveda	BVVS Ayurved Medical College and Hospital, Bagalkot	1,00,000
2	Ayurveda	22AYU083	DR	A RCT STUDY TO EVALUATE THE COMBINED EFFECT OF VIRECHANA UTTARABASTI AND MAKARADHWAJA RASAYANA IN THE MANAGEMENT OF DHWAJABHANGA(ED) DUE TO VENO OCCLUSSION AND ARTERIAL INSUFFICIENCY		GOVERNMENT PANDITH THARANATH AYURVEDIC MEDICAL COLLEGE BELLARY	10,00,000
	3 Ayurveda	22AYU058	DR SHRUTI HIREMATH	"A Comparative Clinical Study to Evaluate the Effect of Trikatu Choorna and Trimada Choorna in the Sthoulya with Special Reference to Pulmonary Function test and Lipid profile."	Kriya Shareera	BLDEA'S AVS Ayurveda Mahavidyalaya Hospital and Research Center Vijayapura	1,50,00
	4 Ayurveda	22AYU010	Dr Jagadeesh G Mitti	Comparative Pharmaceutico Analytical study of Nimbadi Churna and Manikya Rasa and its Antimicrobial Activity on Candida Albicans and Staphylococcus Aureus	Kalpana	JSS Ayurveda Medical College, Mysuru	3,00,0

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All Bangalore 560 041

5 A	yurveda	22AYU027	Kulkarni M.S.(Ayu)	THE RESERVE OF THE PARTY OF THE	SHALAKYA TANTRA	BVVS AYURVEDA MEDICAL COLLEGE AND HOSPITAL BAGALKOT- 587 101	80,000
6 A	yurveda	22AYU022	Dr. Pushpavati. S. Policepatil M.S(Ayu)	A Randomized comparative clinical study to evaluate the efficacy of Panchapallava Gel and Stomatab Gel in Pittaja Mukapaka with Special reference to Aphthous Ulcer	Shalakya Tantra	BVVS Ayurved Medical College and Hospital, BVVS Campus, Bagalkot-587101	80,000
71	Ayurveda	22AYU021	Dr. Vidyashree G. Hiremath	A RANDAMISED COMPARATIVE CLINICAL STUDY TO EVALUATE EFFICACY OF ABHIJITA TAILA NASYA AND DRUSTIVARDHANA TAILA NASYA ALONG WITH TILA TAILA PADAABHYANGA IN THE MANGEMENT OF PRATHAMA PATALGATHA TIMIRA W.S.R. SIMPLE MYOPIA	SHALAKYA TANTRA	BVVS AYURVEDA MEDICAL COLLEGE AND HOSPITAL BAGALKOT- 587	
8	Ayurveda	22AYU042	DR. GANGADHA R M TIMMAPUR	A comparative study on Saindhavadi Gritha Tarpana and Anjana in the management of Shushkakshipaka WSR to Dry Eye Dyndrome.	SHALAKYA TANTRA	BLDE ASSOCIATION'S AVS AYURVEDA MAHAVIDYALAY A HOSPITAL & RESEARCH CENTRE VIJAYAPUR	1,50,000
9	Ayurveda	22AYU065	Dr. K.M.Sweta	ROLE OF KARPOORADI VARTI IN THE MANAGEMENT OF PARIKARTHIKA WSR TO ACUTE FISSURE- IN-ANO	Shalya Tantra	Sri Sri College of Ayurvedic Science and Research	1,00,000
10)	Dental	22DEN119	Biji Brigit	GENE EXPRESSION ANALYSIS OF CULTURED HUMAN DENTAL PULP CELLS IRRADIATED WITH BLUE DIODE LOSER AN IN VITRO	conservative dentistry	Government Dental College	2/14,000

intal	CLERONOCOUSSON	Prasada L	activated Chitosan and	Conservative Dentistry and Endodontics	KVG Dental College and Hospital	
12 Dental	22DEN096	Dr NAVEEN KUMAR K	THE INFLUENCE OF IRRIGATION SOLUTIONS ON THE APATITE/COLLAGEN RATIO OF RADICULAR DENTIN- A FOURIER	CONSERVATI VE DENTISTRY AND ENDODONTIC S	KV:G DENTAL COLLEGE AND HOSPITAL	45,000
			TRANSFORM INFRARED SPECTROSCOPIC STUDY			75,000
13 Dentel	22DEN098	Dr.Chandrash ekhargouda ² Patil	Gytototxicity of / different thermoplastic materials for clear aligners by MTT Assay method-Ex -Vivo Study.	Orthodontics & Dentofacial Orthopedics	S.B Patil Institute for Dental Sciences & / Research	1,50,000
14 Homeopa hy	22HOM125	Dr INDU O S	Phytoprofiling and Physicochemical Characterization of Eucalyptus globulus Extract, Homoeopathic Mother Tincture and Ultra dilutions to Identify Phytochemical Constituents and Chemo Markers		Alva's Homoeopathic Medical College and Hospital	
15 Homeopa hy	t 22HOM128	Dr. Manjula S. Haleholi	A comparative study on the effectiveness of Cephalandra indica Q and Gymnema sylvestre Q in the prognosis of Pre-Diabetes based on Glycated Hemoglobin	Homoeopathic Pharmacy	Dr. B. D. Jatti Homoeopathic Medical College, Hospital & P.G. Research Centre, Dharwad	2,00,000
16 Medical	22MED150	Dr. Nishanth K R	TO STENT OR NOT: Post thrombolysis Intra coronary imaging in Young Indians with ST Elevation Myocardial Infarction		Sri Jayadeva Institute of Cardiovascular Sciences and Research	15,25,00

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7			M Kharge	Polycystic ovarian syndrome and coronary artery disease in young Indian women- Hormonal link or just coincidence?	Cardiology	Sri Jayadeva Institute of Cardiovascular Sciences and Research	6,47,000
18	Medical	22MED146	Archana Siddaiah	Workplace intervention's Effectiveness on upLifting health and wellness of healthcare providers: a Non- randomized Experimental Study (WELNES)	Community Medicine	St John's Medical College	4,89,000
19	Medical	22MED152	Dr. Kusuma	Improving Menstrual Hygiene Management among adolescent girls in high risk areas of Tumkur district, Karnataka Operational research	Community Medicine	Shridevi instutute of Medical Sciences and Research Hospital	3,50,000
20	Medical	22MED153	Dr. Sowmya Kaimal	Utility of drug patch testing for the evaluation of cutaneous adverse drug reactions	Dermatology	St. John's Medical College	3,00,000
21	Medical	22MED144	DR SHYAMALA R	Prospective study to know the prevalence of the leptospirosis in febrile patients attending tertiary care center.	MICROBIOLO GY	INSTITUTE OF MEDICAL SCIENCES	2,50,000
22	Medical	22MED160	Dr Sreedhara HG		Microbiology	Hassan institute of medical sciences	2,35,000
23	Naturopat hy and Yoga	22NYS198	Dr. Harshini	Effect of MSRT on audiovisual reaction time and heart rate variability in senile individuals - A randomized controlled study		SDM college of naturopathy and yogic sciences	60,00
24	Nursing	22NUR229	Dr. Lavanya Subhashini	Impact of Mobile based Developmental Supportive Care (DSC) Intervention on preterm infants outcome, parental stress and parental infant interaction	Department	Sri Devaraj Urs College of Nursing, Tamaka, Kolar	
85	I SELEC	I SERVICE	100	emong parents of preterm infants at NICU of selected Hospital Kolar	SE SARES		50,0

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Pharmacy	22PHA238	Dr	TRIPLE EFFECT			
		SOWJANYA	TREATMENT FOR OSTEO & RHEUMATOID ARTHRITIS USING NATURAL AGENTS EMBEDDED WITH NOVEL FORMULATION TECHNOLOGY	Pharmaceutics	Aditya Bangalore Institute of Pharmacy Education & Research	
26 Pharmacy		Dr.Laxman S Vijapur	GYMNACRANTHERA FARQUHARIANA BIOGENIC SYNTHESIS OF SILVER NANOPARTICLES AND THEIR CYTOTOXIC EFFECTS AGAINST VARIOUS CANCER CELL LINES	Pharmaceutics	BVVS Hanagal Shri Kumareshwar College of Pharmacy	1,80,000
27 Pharmacy	22PHA334	Dr. Snehalatha	Graphene nanoribbons loaded Anti-androgen drug for treatment of Prostate cancer	Pharmaceutics	SJM college of pharmacy	2,00,000
28 Pharmacy		Dr. Ramakrishna Shabaraya A	The second secon	Pharmaceutics	Srinivas College of Pharmacy	2,75,000
29 Pharmacy	22PHA331	Dr. Anil T. M	Cost effectiveness of the pharmaceutical care services on the patients of Heart Failure.	Pharmacy Practice	Shri Sharanabasaves hwar College of Pharmacy	2,50,000
30 Pharmacy	22PHA249	Or Paramita Das	Antitubercular activity of novel silymarin metal complex through computational & Description of the computational and the computational and the computational activity of the computationa	Pharmsceutical Chemistry	Krupanidhi College of pharmacy	2,00,000
31 Pharmacy	22PHA318	ABHISHEK GHARA	The state of the s	Pharmaceutical Chemistry	Acharya & BM Reddy College of Pharmacy	2,50,000
32 Pharmacy			Liposomal β- caryophyllene Intervention Reverses Experimental Bleomycin-Induced Pulmonary Fibrosis in Wister Rats: Conclusive role of Nrf2, NF-κB, Muc5ac, IL-6, IL-1β, TGF-β and TNF-α		Acharya & BM Reddy College of Pharmamcy	7,50,000

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Government of Karnataka

Certificate No.

Certificate Issued Date

Account Reference

Unique Doc. Reference

Purchased by

Description of Document

Description

Consideration Price (Rs.)

First Party

Second Party .

Stamp Duty Paid By

Stamp Duty Amount(Rs.)

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S B PATIL INSTITUTE FOR DENTAL SCIENCE RESEARCH

Article 4 Affidavit

AFFIDAVIT

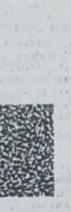
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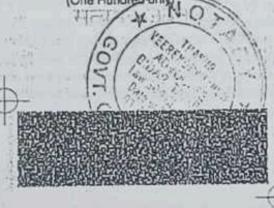
S B PATIL INSTITUTE FOR DENTAL SCIENCE RESEARCH

RAJIV GANDHI UNIVERSITYOFHEALTH SCIENCE BENGALURU

: S B PATIL INSTITUTE FOR DENTAL SCIENCE RESEARCH

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Project Code	1	22DEN098
Name of the Principal	:	Dr.Chandrashekhargouda, Patil
Investigator Research Project	:	Cytotoxicity of different thermoplastic materials for clear aligners by MTT Assay method-Ex-Vivo Study.
Title Research Grants	1:	150000
Sanctioned Duration of the Project	-	Two Years from the date of receiving the first Instalment of Research Grants through RTGS.
Vent	:	2022-23

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TERMS AND CONDITIONS GOVERNING THE GRANT-IN-AID FOR RGUHS ADVANCED RESEARCH PROJECTS

I. GENERAL

These terms and conditions shall regulate and govern the terms under which Rajiv Gandhi University of Health Sciences (University') shall accord its approval to the Research Project (as defined hereinafter) of the Principal Investigator (as defined hereinafter and hereinafter referred to as 'PI' for the sake of brevity) and sanction the Grant-in-aid (as defined hereinafter) to the PI and define the role and obligations of the Pit hereafter. The University, the Principal Investigator and the Institution (as defined hereinafter) are hereinafter collectively referred to as "Parties" and individually as "Party".

These terms and conditions (as amended from time to time including all Schedules and Annexures hereto) shall constitute a legally valid and binding contract under the Applicable Laws and execution of these terms and conditions by the PI/Institution shall be deemed to be an acceptance by the PI/Institution of all the terms and conditions set forth herein. The University reserves the right to alter/modify/change these terms and conditions in its sole discretion, from time to time, with or without prior notice to the PI. Notice of any changes shall be made by the University promptly and communicated/brought to the attention of the PI in such manner as it deems fit.

In the event of any conflict between these terms and conditions and any other document with respect to the University's guidelines on Grant-in-aids provided by the University, these terms and conditions shall govern except where expressly otherwise set forth by the University in writing. Further, in the event of any conflict between these terms and conditions and any other agreements the P1 may enter into with Affiliates (as defined hereinafter) or any third parties, these terms and conditions shall prevail over and supersede any such agreements. The Parties hereto also agree and understand that these terms and conditions shall continue to operate notwithstanding the completion of the Research Project, unless expressly stated otherwise by the University in writing.

II. DEFINITION AND INTERPRETATION

All terms and expressions when used with capitalized first letter shall have the meaning ascribed to them under hereunder. All terms and expressions which have been defined elsewhere under these terms and conditions shall have the meaning ascribed to them thereat if defined for use in bold within by quotes ("").

Affiliates

shall mean in relation to the PI, his Co-Principal Investigator, Head of his institution, students, trainees, staff, employees, collaborating hospitals, laboratories and any and all entities and individuals involved/deployed by the PI for the purposes of the Research Project.

of the Research Project, unless expressle stated otherwise hash mean and include all statutes, enactments, acts of legislature or parliament, ordinances, rules, bye-laws, regulations, notifications, guidelines, policies, directions,

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directives and orders, requirements or other governmental restrictions or any similar form of decision, or determination by, or any interpretation, policy or administration, having the force of law of any of the foregoing, of any government, statutory authority (including but not limited to the University), tribunal, board, court having jurisdiction over the matter in question, whether in effect as of the Effective Date or any time thereafter.

Confidential Information

shall mean all processes, method, documentation, data, third party information, Intellectual Property Rights, proprietary technique, material and any and all information relating to the Parties, including without limitation, research processes and methods, financial information, details of meetings and discussions, details of Affiliates (past, present or prospective), technologies, technical and scientific strategies and processes, and other strategies, trade secrets, the terms of these terms and conditionsinformation and material of either Party, Affiliates and representatives that is or has been: (i) disclosed by such Party to the other Party pursuant to these terms and conditions, whether orally, electronically, in writing or otherwise, including copies, records and extracts of such information; or (ii) learnt, acquired or accessed by the other Party in connection with these terms and conditions or otherwise, whether marked as 'confidential' or

Effective Date

shall mean the date on which the University accords its final approval to the Research Project and passes the Sanction Order

Expert Committee

shall mean the committee constituted by the University comprising of such individuals as may be appointed by the Vice-Chancellor in this regard.

Force Majeure

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shall mean fire, flood, earthquake, elements of nature, or acts of God or terror; riots, civil disorders, rebellions, or revolutions; strikes, lockouts; or any other similar cause beyond the reasonable control of such Party.

Grant-in-aid

shall mean the financial assistance provided by the University to the Principal Investigator through his Head of the Institution, for the purpose of conducting advanced research in the field of health sciences.

Head of Institution

Shall mean the Head of the Institution as of the Effective Date, his legal representatives, executors, administrators, assignees, and successors-in-title.

Institution

shall mean an institution which is an affiliate of the University wherein the PI/Co-Principal Investigator/is/are

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employed as permanent faculty.

Intellectual Property

includes but is not limited to ideas, concepts, creations, discoveries, inventions, knowhow, patents, improvements, trade or business secrets; trademarks, service marks, designs, utility models, tools, devices, models, methods, procedures, processes, systems, principles, software programs, algorithms, works of authorship, flowcharts, drawings, books, papers, models, sketches, formulas, proprietary techniques, research projects, and other confidential and proprietary information, databases, data, documents, instruction manuals, records, memoranda, notes, whether or not copyrightable or patentable, or any written or verbal instructions or comments.

Intellectual Property Rights include (i) all rights (including intellectual property rights), title, and interest under any statute or under common law including patent rights; copyrights including moral rights; and any similar rights in respect of Intellectual Property, anywhere in the world, whether negotiable or not; (ii) any licenses, permissions and grants in connection therewith; (iii) applications for any of the foregoing and the right to apply for them in any part of the world; (iv) right to obtain and hold appropriate registrations in Intellectual Property and, (v) all extensions and renewals thereof (vi) causes of action in the past, present or future, related thereto including the rights to damages and profits, due or accrued, arising out of past, present or future infringements or violations thereof and the right to sue for and recover the same.

Principal Investigator

shall mean the applicant who is a permanent faculty in whose favour the University has sanctioned the Grant-in-aid for the purposes of the Research Project.

Co-Investigator

shall mean the permanent faculty of the Institution who supports the Principal Investigator of the Research Project; and takes over the research project from the Principal Investigator prior to his leaving the project for whatsoever reason and with the approval of the Institution and the University.

Project Report

shall mean the report containing the final findings of the Research Project along with such other information as may be specified by the University in this regard.

Rajiv Gandhi University of Health Sciences

shall mean the university established under the Rajiv Gandhi University of Health Sciences Act, 1994, by the State of Karnataka.

Research Project

shall mean the advanced research activities proposed to be undertaken by the PI in the field of health sciences in order

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to avail the Grant-in-aid and which has been approved by the University.

Sanction Order

shall mean the order passed by the Syndicate according its approval to the Research Project and containing the terms of the subsequent sanctioning of the Grant-in-aid for the said purpose.

Syndicate

shall mean the Syndicate as defined under Section 24 of the Rajiv Gandhi University of Health Sciences, Act, 1994.

Utilization Certificate

shall mean the certificate provided as Annexure C hereto detailing the purposes, mode and manner in which the Grant-in-Aid released by the University is utilized along with all original vouchers, receipts and any other documents as may be prescribed by the University.

While interpreting these terms and conditions, the following rules of interpretation shall be given effect to:

 References to any statute or statutory provision includes a reference to that statute or statutory provision as amended, extended, re-enacted or consolidated from time to time and to all statutory instruments made pursuant to it.

ii. A reference to these terms and conditions is a reference to these terms and conditions as amended, novated, supplemented, varied or replaced from time to time, except to the

extent prohibited by these terms and conditions.

iii. Words denoting the singular shall include the plural and vice versa, words denoting a particular gender shall include other genders, and words denoting persons shall include firms and incorporated entities.

iv. A reference to conduct includes any omission and any statement or undertaking, whether

or not in writing.

v. The terms Clauses and Annexures refer to clauses and annexures of/to these terms and conditions. The words include and including shall not be construed as terms of limitation. The word month means calendar month, unless otherwise stated. The words writing and written mean 'in the documented form'.

vi. The headings used in these terms and conditions are for convenience only and shall not

affect the interpretation of any provision of these terms and conditions.

III. TERMS OF SANCTION OF GRANT-IN-AID

The Grant-in-aid shall be released to the benefit of the PI, in favor of the Head of the Institution, to the separate exclusive account maintained and earmarked for the Research Project approved by the University, in the name of the Head of the Institution, by the Institution. The Institution hereby agrees and undertakes to ensure funds received from other individuals/funding agencies towards the Research Project shall not be maintained or remitted to the aforemeditated exclusive account. In order to secure release of the Grant-in-aid, the PI shall submit the Memorandum of Undertaking jointly executed by the PI and the Head of the Institution (provided as Annexure A hereunder) along with a duly executed copy of these terms and

conditions and the Pre-Receipt Certificate (provided as Annexure B hereunder) within the time prescribed under the Sanction Order, failing which the Grant-in-Aid shall stand forfeited.

It is agreed between the Parties that the Grant-in-aid shall be released in four installments. It is hereby agreed between the Parties that fifty percent (50%) of the Grant-in-aid approved by the University shall be released as first installment. The second installment of Twenty-five percent (25%) of the Grant-in-aid shall be released after the Utilization Certificate (provided hereunder as Annexure C) for the grants released in the first installment is furnished by the PI along with the Pre-Receipt for the second installment (Annexure B), within such time as may be prescribed by the University. The third installment of fifteen percent (15%) of the Grant-in-aid shall be released after the Utilization Certificate for the grants released in the second installment along with the Pre-receipt of for the third installment is provided within such time as may be prescribed by the University. The final installment of ten percent (10%) will be released after the submission of Project Report and the publication to the University. The Head of Institution and PI agree and undertake to furnish an audited Utilization Certificate along with self-attested originals of all supporting documents specified by the University in this regard.

IV. TENURE OF RESEARCH PROJECT AND EXTENSION

The PI and the Institution agree and undertake to complete the Research Project within a period of two (2) years from the date of release of the first installment of the Grant-in-aid. However, subject to its sole discretion, the University reserves the right to extender reduce or terminate the tenure of the Research Project in certain cases.

V. OBLIGATIONS OF THE PI AND THE INSTITUTION.

The PI and the Institution, agree and undertake to:

- Commence the Research Project within six months of receipt of the first instalment of the Grant-in-aid.
- ii. Complete the Research Project within the tenure/extended/ reduced tenure and as prescribed by the University. Further, in the event of failure to complete the Research Project within the stipulated time, the PI and the Institution shall be jointly liable to refund the entire Grant-in-Aid released by the University for the Research Project along with applicable interest.
- iii. Furnish project status reports once in every six months until the completion of the Research Project to the University's Director, Advanced Research.
- iv. Maintain all records pertaining to the research activities (including but not limited to any and all methods, processes adopted, and data collated for the purposes of the Research Project) and make the same available to the University on demand.
- v. Adhere to and abide by any and all guidelines and regulations laid down by the any and all central, state, local, municipal statutory authorities (whether regulatory or otherwise, including all apex bodies) under the Applicable Laws with particular regard to the scientific and ethical standards required to be observed in relation to research activities. Further, abide by and observe the ethical standards prescribed by any other bodies/institutions under the Applicable Laws, including but not limited to the guidelines prescribed by the University in the conduct of research activities.



Ensure that the Co-Principal Investigator shall continue and complete the Research Project, in the event the PI is unable to complete the same due to some unforescen

circumstances, subject to prior intimation to and approval by the University in this regard.

viii. Assist the University in perfecting its title and ownership in any and all Intellectual Property arising out of the Research Project, in accordance with the University's Intellectual Property Policy, as amended from time to time.

ix. Avail adequate insurance schemes in respect of any and all clinical trials which may be required to be conducted for the purposes of the Research Project and keep the University,

indemnified in accordance with the Clause XII of these terms and conditions.

x. Furnish undertaking in the form of the Memorandum of Undertaking hereunder at Annexure A and the Pre-Receipt prior to commencement of the Research Project. The aforementioned Memorandum of Undertaking along with the terms and conditions set forth hereunder constitute a legally binding contract under the Applicable Laws.

VI. TERMS OF USE

The Grant-in-aid sanctioned shall be utilized solely for the purposes of the Research Project in such manner as approved under the Sanction Order and shall be appropriated towards only such expenses as listed under the Sanction Order. The PI shall not make any unauthorized release of the Grant-in-aid or any part thereof for the benefit or any other person or body corporate. Breach of this term shall constitute a material breach of these terms and conditions and the PI/Institution shall be liable for all consequences arising therefrom.

The Grant-in-aid shall not be utilized for the purpose of purchase of equipment/software. Not more than 30 % of the Grant-in-aid shall be utilized towards honorarium for the supportive staff (Honorarium cannot be claimed by Principal Investigator or Co-investigator), purchase of consumables, travel grants for attending conferences within India for presenting the Research Project and for publication of papers arising out of the Research Project in national / indexed journals.

The above list detailing permitted use of the Grant-in-aid is only indicative and not exhaustive. The University reserves the right at its sole discretion to identify any activity/ use as inappropriate and prohibited. Any unreasonable, unwarranted, illegal, unethical or inappropriate use of the Grant-in-aid except as expressly permitted hereunder and the Sanction Order, and as determined appropriate by the University in its sole discretion, shall be deemed a material breach of these terms and conditions. Without prejudice to its rights, claims and contentions under the law and equity, the University reserves its right to cancel/forfeit the Grant-in-aid and seek refund of the same, in the event the PI and/or Institution indulge in using the Grant-in-aid in a manner prohibited by the University.

VII. INSPECTION AND AUDIT

During the tenure of the Research Project, the University and its agents Auditors (internal and external), regulators and other representatives (collectively, 'Auditors') will have the right to inspect, examine and audit ('Audit') the systems, records, facilities clarify practices and procedures of the PI and its Affiliates (if applicable) for any of the following purposess (i) to

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verify the accuracy of the PI's project status report and the current status of the Research Project, (ii) verify the accuracy of the invoices (and any underlying assumptions relating to cost or other billing components) and Utilization Certificate; (ii) to verify the integrity of the PI and Institution's compliance with the confidentiality requirements of these terms and conditions; and (iii) to verify the PI's compliance with any other provisions of these terms and conditions. Audits will be conducted during business hours on working days and upon reasonable advance notice to the PI, consistent with the University's audit methodology. The PI, Institution and Affiliates will co-operate fully with the University and provide such assistance as is reasonably required to carry out the Audit, at no additional charge to the University, including but not limited to: (i) providing access to facilities, data, records, equipment, software and its personnel in an expeditious manner so as to facilitate the efficient and timely completion of the Audit; (ii) the provision of adequate workspace in which to perform the Audit; and (iii) the provision of access to photocopiers, telephones, computer hook-ups and other standard office equipment, as may be reasonably requested by the Auditors. Where an Audit finds that the PI and Institution's performance is unsatisfactory, a remedial plan shall be agreed between the Parties within 30 (thirty) days of communication of the audit report. Such Audits shall be conducted as and when the University deems fit to ensure high quality and standards of research, and the University shall provide copies of such audit reports to the PI within 20 (twenty) days of completion of the audit exercise.

VIII. REPRESENTATIONS AND WARRANTIES

The PI and the Institution hereby represent, warrant and covenant that:

i. All information provided by them are true and correct and that no misrepresentations or

misleading statements have been made.

ii. The PI satisfies the eligibility criteria set out by the University, and the PI and the Institution have all requisite expertise, competence, power and authority to accept these terms and conditions and to perform their obligations hereunder and will perform their obligations and full fill their responsibilities under these terms and conditions in a manner that complies with Applicable Laws.

ii. They possess all the requisite power and authority to execute, deliver and perform their

respective obligations and undertakings.

iv. The execution and delivery of these terms and conditions by the Parties to each other shall constitute valid and binding obligations of the Parties enforceable against them in accordance with their respective terms.

v. Affiliates deployed by the PI for carrying out the Research Project shall be the PI/Institution's employees or agents (as the case may be) and will be under the direct control and supervision of the PI and the Institution. Under no circumstances will the Affiliates be construed to be the employees/agents of the University.

vi. The PI shall ensure that its Affiliates shall at all times conduct themselves within the parameters of the Applicable Laws and as per these terms and conditions, and shall not commit, abet or permit the commission of any illegal act, damage, distortion of documents and information while carrying on any activities for the purposes of the Research Project.

vii. They will not infringe/violate the Intellectual Property Rights of any person or body corporate and all works produced/research carried out by them are original in nature.

viii. To promptly notify the University of any Claim, demand, or suit based upon or arising from, or of any attempt by any other person, firm, or corporation, using any Intellectual



Property in which the University has a proprietary interest. The PI/Institution agrees also to promptly notify the University of any Litigation instituted by any person, firm, corporation or governmental agency against the University, in this regard. In the event the University pursuant to the terms of these terms and conditions, undertakes the defense or prosecution of any litigation, the PI/Institution agree to execute any and all documents and do such acts and things as may, in the opinion of counsel for the University, be necessary to carry out such defense or prosecution, either in the name of the University or in the name of its nominee, as the University shall elect.

IX. TERMINATION AND CONSEQUNCES THEREOF

Without prejudice to its rights, remedies and contentions to initiate appropriate legal proceedings under the Applicable Laws, the University reserves the right to terminate/cancel the Sanction Order and seek refund of the entire Grant-in-aid along with applicable damages on account of:

- i. Any breach of the provisions of these terms and conditions by the PI/Institution; and/or
- ii. breach of the representations and warranties made by the PI/Institution, and/or
- iii. if the any of the representations and warranties made by the PI/Institution are found to be false and/or;
- iv. on account of violation of the Applicable Laws.

The University at its sole discretion may allow the PI/Institution to rectify their breach within such period of time as may be prescribed by the University, however, the same shall not be construed as a waiver of any rights, claims and contentions, the University may have under the law and equity.

X. INTELLECTUAL PROPERTY RIGHTS

All copyrights, patents and other Intellectual Property Rights, benefits and interests in the Intellectual Property associated with the Research Project on its completion shall stand transferred to the University as its exclusive property in accordance with the University's Intellectual Property Policy. The PI/Institution agree and undertake to assist the University in acquiring title and ownership to the Intellectual Property in the completed Research Project, as its lawful owner, in accordance with the Applicable Laws. The PI/Institution will be entitled to such revenue generated from Intellectual Property (if any) in accordance with the University's Intellectual Property Policy and will be credited as the inventors of the same wherever appropriate.

The PI/Institution expressly covenant that during the tenure of the Research Project and after the completion of the same, the PI/Institution shall not directly or indirectly contest or aid in contesting the validity or ownership of Intellectual Property Rights of the University in the completed Research Project.

The PI/Institution agree to promptly notify the University of any claim, demand or suit based upon or arising from, or of any attempt by any other person, firm, or corporablificusing any Intellectual Property in which the University has a proprietary interest. The PI/Institution agrees also to promptly notify the University of any Litigation instituted have property in the University of any Litigation instituted have been proportionally and the University of any Litigation instituted have been proportionally and the University of any Litigation instituted have been proportionally and the University of any Litigation instituted have been proportionally and the University of any Litigation instituted have been proportionally and the University of any Litigation instituted have been proportionally and the University of any Litigation instituted have been proportionally and the University of any Litigation instituted have been proportionally and the University of any Litigation instituted have been proportionally and the University of any Litigation instituted have been proportionally and the University of any Litigation instituted have been proportionally and the University of any Litigation instituted have been proportionally and the University of any Litigation instituted have been proportionally and the University of any Litigation instituted have been proportionally and the University of the

corporation or governmental agency against the University, in this regard. In the event the University pursuant to the terms of these terms and conditions, undertakes the defense or prosecution of any litigation, the PI/Institution agree to execute any and all documents and do such acts and things as may, in the opinion of counsel for the University, be necessary to carry out such defense or prosecution, either in the name of the University or in the name of its nominee, as the University shall elect.

XI. PUBLICATION OF RESEARCH PROJECT

On the completion of the Research Project, the PI/Institution on obtaining the prior approval of the University, shall cause the completed Research Project/Project Report to be published in national/international/indexed journals. The PI/Institution hereby agree and undertake to credit and acknowledge the University for the financial assistance provided by it in all publications of the Research Project.

XII. INDEMNITY AND LIMITATION OF LIABILITY

The PI/Institution shall indemnify, keep indemnified and hold the University harmless and its directors, officers, employees, agents and representatives from and against any action, suits, complaints, proceedings, damages, losses, costs, expenses (including reasonable attorney's fees and court costs), fines, penalties, claims, counterclaims, actions or liabilities incurred or suffered by the University and/or of its directors, officers, employees agents and representatives in any manner as a result of (a) any breach by the PI/Institution, of the terms and conditions set forth herein, of any of its representations or warranties or obligations as set forth hereunder; and (b) any act or omission of the PI/Institution/Affiliates that results in personal injury (or death) or tangible or intangible property damage (including loss of use) to any third-party. The PI/Institution hereby acknowledges that under no circumstances shall the University be liable for any direct, indirect, special, punitive, or consequential damages that result in any way from the conduct of the Research Project.

The University shall not have any liability in respect of the PI/Institution with respect to the performance of its duties or obligations under these terms and conditions, regardless of the theory of liability (whether in contract, in tort, or otherwise), for any consequential, exemplary, special, indirect, incidental, or punitive damages or lost profits or data.

XIII. FORCE MAJEURE

If the compliance of its obligations under these terms and conditions by either Party is delayed, prevented, restricted or interfered with by reason of Force Majeure, then the Party so affected, upon giving prompt written notice to the other Party, shall not be liable for non-performance of such obligations.

XIV. CONFIDENTIALTY

Each Party (the 'Receiving Party') agrees that it will not disclose to any third party or use any Confidential Information of the other Party (the 'Disclosing Party'), except as expressly permitted in these terms and conditions, and that the Receiving Party shall take all reasonable measures to maintain the confidentiality of all such Confidential Information in its possession or

control, which shall in no event be less than the measures it uses to maintain the confidentiality of its own information of similar importance. Notwithstanding the foregoing, the obligation of confidentiality shall not apply to any disclosure (i) of information that is in or enters the public domain other than by reason of a breach by the Receiving Party, (ii) of information that was in the possession of the person prior to its disclosure to such person, or (iii) required by law, regulation, legal process, or order of any court or governmental body having jurisdiction provided, however, that prior to such disclosure, the Party who is required to disclose the information shall inform the other Party, provided, further, that the information so disclosed shall be limited to that legally required to be disclosed pursuant to such law, regulation, legal process, or order of any court or regulatory / government authority. The provisions of this Clause shall survive the termination of the Sanction Order or these terms and conditions.

For the purpose of these terms and conditions, 'Confidential Information' shall mean to include, third party information, Intellectual Property Rights, proprietary technique, material and any and all information relating to the Parties, including without limitation, research processes and methods, costs and prices, details of Affiliates (past, present or prospective), technologies, technical and scientific strategies and processes, and other strategies, trade secrets, the terms of these terms and conditions as well as any such information not generally known to third parties or received from others, whether such information has been expressly designated as confidential or otherwise, to which the other Party(s) has or gains access to at any time during the course of the Research Project or which is available to such P

arty directly or indirectly, whether in writing, oral, graphic, visual or any other tangible, intangible or electronic form.

XV. RELATIONSHIP OF PARTIES

The Parties shall act in all matters pertaining to these terms and conditions as independent Parties. Neither Party shall have any authority hereunder, express or implied, to contract on behalf of the other Party with any third party, nor shall it hold itself out as having such powers or authority. These terms and conditions are being entered into on a principal to principal basis and does, not and shall not be deemed to make either Party an agent, partner or joint venture partner of the others These terms and conditions have been entered into on a non-exclusive basis. However, the PI/Institution shall ensure that his obligations towards any third party or its Affiliates do not in any way impact its obligations under these terms and conditions.

XVI. GOVERNING LAW AND JURISDICTION

These terms and conditions shall be governed by the laws of India. Subject to Clause XVII, in the event of any dispute between the Parties in relation to these terms and conditions, the courts in Bangalore Urban shall have exclusive jurisdiction.

XVII. DISPUTE RESOLUTION

In the event of any dispute between the Parties, the Parties shall first attempt to resolve the dispute amicably within 15 (fifteen) days of raising a notice of dispute on the other Party. Any resolution arrived at between the Parties in this regard shall constitute a full and settlement of the dispute and shall be binding on the Parties.

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AVIII. WAIVER

No term or provision hereof will be deemed waived, and no variation of terms or provisions hereof shall be deemed consented to, unless such waiver or consent be in writing and signed by the Party against whom such waiver or consent is sought to be enforced. Any delay, waiver, or omission by either Party to exercise any right or power arising from any breach or default of the other Party of any term, provision or covenant of these terms and conditions, shall not be construed to be a waiver by such Party of any subsequent breach or default of the same or other terms, provisions, or covenants by the other Party.

XIX. SEVERABILITY

If any provision of these terms and conditions is held to be invalid, illegal or unenforceable, the validity, legality and enforceability of the remaining provisions will not in any way be affected or impaired thereby, and such provision will be deemed restated to reflect the original intention of the Parties as nearly as possible in accordance with the Applicable Laws.

XX. ASSIGNMENT

The rights and obligations of the PI/Institution under these terms and conditions are not assignable or transferable, in whole or part. Any attempt to transfer the same without the written consent of the University shall be void and of no force and effect. The University reserves the right at its sole and absolute discretion to assign the rights and obligations under these terms and conditions to an individual or to another entity in connection with the Research Project or otherwise.

XXI. AMENDMENTS

These terms and conditions may only be amended by execution of a written document duly signed by the authorized representative of the University.

Prof. & Head 05 4 23
Dept. of Orthodontics
S. B. Patil Dental Hospital,

BIDAR

Principal Investigator

Dr. Chandrashekhargouda. Patil Professor & HOD Dept. of Orthodontics and Dentofacial Orthopaedics

For the Institution

Dr. Mashalkar Shailendra Principal

PRINCIPAL
S.B. Patil Institute for
Dental Science & Research
NAUBAD, BIDAR-585402
(Karnataka)

For the University



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ANNXURE A MEMORANDUM OF UNDERTAKING

I, Dr.Chandrashekhargouda. Patil S/o B.S Patil, aged about 44 Years residing at Staff Quarters No.4 S. B. Patil Institute for Dental Sciences & Research. Bidar currently employed with S. B. Patil Institute for Dental Sciences & Research. Bidar as Professor & HOD the Principal Investigator, having RGUHS Teacher Index Number (IIN) 5915 herein,

AND

S. B. Patil Institute for Dental Sciences & Research. Bidar (Name of the Institution), having its address at Naubad.Bidar-585402 represented by its Head of the Institution Dr. Mashalkar Shailendra

hereby accept the aforementioned terms and conditions as valid and legally binding and agree and undertake to perform our obligations hereunder and fulfill our responsibilities under these terms and conditions in a manner that complies with Applicable Laws.

IN WITNESS WHEREOF, the Parties hereto have executed these presents on the 5th Wednesday, of April month of 2023.

Dept. of Orthodonica 8, B, Patil Dental Hospital, BIDAB

> Dr. Chandrashekhargouda. Patil Principal Investigator

Dr. Mashalkar Shailendra
On behalf of the Institution

PRINCIPAL
S.B. Patil Institute for
Dental Science & Research
NAUBAD, BIDAR-585402
(Kamataka)

ATTESTED BY IVIE
THAKUR VOURNDRA SING:
0 COULLLB.(S)
ADVOCATE & NOTARY
11.No. 8-9-239, Gum Nagar
CIDAR-585401 (K.S)

Pre-receipt for 1st installment of Research Grant-in-aid for the year 2022-23

Name of the Principal Invest	22DEN098
Mobile No and Email ID	Dr.Chandrashekhargouda. Patil
Name & address of the College	9881657755 drpatilshekhar@gmail.com
Title of the Project	S. B. Patil Institute for Dental Sciences & Research, Bidar-585402
Received from Rajiv Gandhi Haling	Cytotoxicity of different thermoplastic materials for clear aligners by MTT Assay method-Ex-Vivo Study.

Received from Rajiv Gandhi University of Health Sciences, Karnataka, Bangalore, a sum of Rs.75000/- (Seventy Five Thousand Rupees only) towards the First installment of research grant-in-aid through RTGS for the aforesaid research project. This grant-in-aid is released vide University Order No. RGUHS/ADV-RES/FR/122/2022-23 dated: 20-03-2023

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Research Account No:	920010071936945
Name of the Bank:	AXIS BANK
Name of the Branch & Place	UDGIR ROAD,BIDAR
IFSC CODE:	UTIB0004479
Name of the account holder:	Principal S. B. Patil Institute of Dental
Proc I : a	Sciences & Research
RTGS made in favor of:	Principal S. B. Patil Institute of Dental Sciences & Research

Certificate: 1. Certified that the research grant-in-aid released to this institution will be utilized for the purpose for which it is sanctioned.

Certified that the institution will be abide by the terms and conditions Prescribed by the University for release of research grant-in-aid.

Prof. & Head

Dept. of Orthodontics

S. B. Patil Dental Hospitel.

BIDAR

Signature of the Principal Investigator (With seal)

PRINCIPAL

S.B. Patil Institute for Dental Science & Research NAUBAD, BIDAR-585402

Signature of the Headboth Institute (With office seal)

Name:	Dr.Chandrashekhargouda. Patil	Name:	Dr. Mashalkar Shailendra
Mobile No.:	9881657755	Contact Mobile No.:	9341778390
Email -Id	drpatilshekhar@gmail.com	Email ID	endoshailu@gmail.com



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PRINCIPAL S B PATIL INSTITUTE OF DENTAL SCIENCES'S

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PIN/ZIP-585402 PHONE #-0342906090, 9342906090, 9342906090

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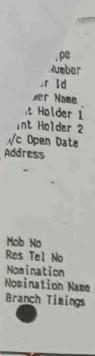
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