# ಕರ್ನಾಟಕ ಸಂಸ್ಥೃತ ವಿಶ್ವವಿದ್ಯಾಲಯ

ಶ್ರೀ ಚಾಮರಾಜೀಂದ್ರ ಸಂಸ್ಕೃತ ಮಹಾವಿದ್ಯಾಲಯ ಆವರಣ ಪಂಪಮಹಾಕವಿ ರಸ್ತೆ, ಚಾಮರಾಜಪೇಟೆ, ಬೆಂಗಳೂರು – 560018.



# कर्नाटक-संस्कृत-विश्वविद्यालय:

श्री चामराजेन्द्र संस्कृत महाविद्यालयस्य परिसरः पम्पमहाकविमार्गः, चामराजपेटे, बेङ्गलूरु – ५६००१८.

# 3.2.3 Number of research projects per teacher funded by government and non-government agencies during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
7	2	2	6	4

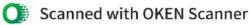
### 2017-18

Name of the Research Project	Name of the Principal Investigator	Name of the Funding agency	Type (Government/Non- Government)	Duration
Aastaadashi project	Prof. Veeranarayana Panadurangi	Rashtriya Samskrit Samsthan, New Delhi	Government	3 Years
Balastaadashi project	Prof. Shivani V	Rashtriya Samskrit Samsthan, New Delhi	Government	3 Years
Sarvapratyayamala	Prof. Shivani V	Rashtriya Samskrit Samsthan, New Delhi	Government	3 Years
Pali Morphological Analyser and Generator project	Prof. Shivani V	Pali Institute Kalaburgi	Non- Government	2 Years

### 2018-19

Name of the Research Project	Name of the Principal Investigator	Name of the Funding agency	Type (Government/Non- Government)	Year of Award	Duration
Aastaadashi project	Prof. Veeranarayana Panadurangi	Rashtriya Samskrit Samsthan, New Delhi	Government	2017-18	3 Years
Balastaadashi project	Prof. Shivani V	Rashtriya Samskrit Samsthan, New Delhi	Government	2017- 18	3 Years
Sarvapratyayamala	Prof. Shivani V	Rashtriya Samskrit Samsthan, New Delhi	Government	2017 - 18	3 Years
Pali Morphological Analyser and Generator project	Prof. Shivani V	Pali Institute Kalaburgi	Non- Government	2017 - 18	2 Years

Dean Faculty of Shastra Karnataka Samskrit University



# ಕರ್ನಾಟಕ ಸಂಸ್ಥೃತ ವಿಶ್ವವಿದ್ಯಾಲಯ

ಶ್ರೀ ಚಾಮರಾಜೇಂದ್ರ ಸಂಸ್ಕೃತ ಮಹಾವಿದ್ಯಾಲಯ ಆವರಣ ಪಂಪಮಹಾಕವಿ ರಸ್ತೆ, ಚಾಮರಾಜಪೇಟೆ, ಬೆಂಗಳೂರು – 560018.



# कर्नाटक-संस्कृत-विश्वविद्यालय:

श्री चामराजेन्द्र संस्कृत महाविद्यालयस्य परिसरः पम्पमहाकविमार्गः, चामराजपेटे, बेङ्गलूरु - ५६००१८.

Tarkachudamani	Dr. K.E.Srivenkatanathan	Central Sanskrit University, New delhi	Government	2018 - 19	4 Years
Bodhayaniiya brahmakarma samuchaya	Dr. Ramakrishna Bhatt	Central Sanskrit University, New delhi	Government	2018-19	4 Years

### 2019-20

Name of the Research Project	Name of the Principal Investigator	Name of the Funding agency	Type (Government/Non- Government)	Duration
Tarkachudamani	Dr. K.E.Srivenkatanathan	Central Sanskrit University, New delhi	Government	4 Years
Bodhayaniiya brahmakarma samuchaya	Dr. Ramakrishna Bhatt	Central Sanskrit University, New delhi	Government	4 Years

### 2020-21

Name of the Research Project	Name of the Principal Investigator	Name of the Funding agency	Type (Government/Non- Government)	Duration
Tarkachudamani	Dr. K.E.Srivenkatanathan	Central Sanskrit University, New delhi	Government	4 Years
Bodhayaniiya brahmakarma samuchaya	Dr. Ramakrishna Bhatt	Central Sanskrit University, New delhi	Government	4 Years

### 2021-22

Name of the Research Project	Name of the Principal Investigator	Name of the Funding agency	Type (Government/Non- Government)	Duration
Tarkachudamani	Dr. K.E.Srivenkatanathan	Central Sanskrit University, New delhi	Government	4 Years
Bodhayaniiya brahmakarma samuchaya	Dr. Ramakrishna Bhatt	Central Sanskrit University, New delhi	Government	4 Years
NLTM project	Prof. Shivani V	MEITY (Ministry of Electronics and Information Technology)	Government	2 Years
Tatvachintamani	Dr.Bhaskar Bhatt Joshi	Central Sanskrit University, New delhi	Government	3 Years

Dean. Faculty of Shastra

Jarmanaka Samskrit University hamaraipet, Bangalore-560018



# ಕರ್ನಾಟಕ ಸಂಸ್ಕೃತ ವಿಶ್ವವಿದ್ಯಾಲಯ

ಶ್ರೀ ಚಾಮರಾಜೇಂದ್ರ ಸಂಸ್ಕೃತ ಮಹಾವಿದ್ಯಾಲಯ ಆವರಣ ಪಂಪಮಹಾಕವಿ ರಸ್ತೆ, ಚಾಮರಾಜಪೇಟೆ, ಬೆಂಗಳೂರು – 560018.



# कर्नाटक-संस्कृत-विश्वविद्यालय:

श्री चामराजेन्द्र संस्कृत महाविद्यालयस्य परिसरः पम्पमहाकविमार्गः, चामराजपेटे, बेङ्गलूरु - ५६००१८.

Shastra Mapping	Prof. Shivani V	Siddhanta Knowledge Foundation	Non- Government	2 Years
Shastra Mapping	Prof. Shivani V	Siddhanta Knowledge Foundation	Non- Government	2 Years
Mahakosha	Prof. Shivani V	Central Sanskrit University, New delhi	Government	3 Years

Dean

Faculty of Shastra

Karmataka Samskrit University Chamarajpet, Bangalore-560018 ्रभूप संस्कृत संस्थान

(मानव संसाधन विकाध मंत्रालय, भारत सरकार के तत्त्वाधान में संचालित) 57, इन्स्टीट्यूशनल एरिया, जनकपुरी, नई दिल्ली-110058



### RASHTRIYA SANSKRIT SANSTHAN DEEMED UNIVERSITY

(Established under the Auspices of the Ministry of Human Resource Development, Govt. of India) 56-57, Institutional Area, Janakpuri, New Delhi-110058

RSkS/36013/Ashtaadashi/01/2017-18/ | 15 No .....

दिनांक 03.07.2018

To

The Registrar Karnataka Samskrit University, Pampamahakavi Road, Chamarajpete, Bangalore - 560 018.

Sub.:- Financial Assistance under "Ashtaadashi (18 Projects)" for sustaining the growth of Sanskrit, recommended by the Committee to suggest vision and Road Map for the Development of Sanskrit – 10 Year Perspective Plan – reg..

I am directed to inform that pursuant to this office letter dated 22-12-2017 and as per approval Sir, of the GIAC in its 24th meeting held on 27.08.2017 under agenda item no. 24.9 the competent authority of the Sansthan is pleased to convey the Grant-in-Aid of Rs.16,00,000, under Ashtaadashi Scheme (18 Projects) for the purpose of conducting the project namely:- Development of Digital Products for Children for Learning Sanskrit (Balashtadashi), Principal investigator - Dr. Shivani V & Co-Principal investigator - Dr. Veeranarayana N.K. Pandurangi.

It is further informed that as per Guidelines of the Scheme for Ashtaadashi - Eighteen Projects for sustaining the growth of Sanskrit, the 50% of the sanctioned Grants-in-Aid i.e. Rs.8,00,000/- (Rupees eight lakh only) has already been electronically transferred to your Institutional bank A/c No. 64161666389. The balance amount will be released as per clause No. 13 (Ashtaadashi guidelines), only after completion of the 1st phase of the Project and submission of accounts/expenditure & utilization certificate for the sanctioned amount, detailed report on project (soft & hard) copy etc. in the prescribed proforma (Form No. Ashtaadashi - III to VII). In addition, Sansthan has the right to inspect your project and Institute/College/University/Organization at any time without prior intimation. Hence, Project Director should make available to Sansthan the project initiative details (Training programme dates, Time of the class, place, venue, concerned person name & phone number etc. as applicable to the project).

. A copy of the conditions relating to release of Grant-in-Aid is enclosed herewith with the request to ensure that the sanctioned amount to be utilised for said project purpose only and be utilised the grant as per Ashtaadashi guidelines & conditions relating to Grant-in-Aid.

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(GENERAL ENQUIRY); 28524993, 28524995, 28520977, 28525963, 28521994, (VC) TEL. 28523949 FAX 011-28521948, (REGISTRAR) TEL. 28520979 FAX: 28520976 (COE) TELEFAX: 2851258, (MSP) TELEFAX: 28523611, (NFSE) TELEFAX: 28524387 Gram: 'SAMSTHAN' e-mail: rsks@nda.vsnl.net.in Website: www.sanskrit.nic.in

The Project Director is hereby requested to initiate further necessary steps to start the project works, following the guidelines provided to the Institution and also available in the Sansthan's website i.e. <a href="www.sanskrit.nic.in">www.sanskrit.nic.in</a>. The last date to start the Projects will be 31.07.2018 except to Winter/Summer/Training/short term programmes.

This issues with the approval of the Competent Authority.

Yours faithfully,

(Prof. S. Subrahmanya Sarma)

Registrar I/c

Enclose: as above

# ट्रय संस्कृत संस्थान

भागत विश्वविद्यालय

(भागव संसाधन विकास भवालम् भारत सरकार से तत्वाधान में संचावित) 86-87. इन्स्टीटब्र्शनल एरिया, जनकपुरी, नई दिल्ली-110058



### RASHTRIYA SANSKRIT SANSTHAN DEEMED UNIVERSITY

(Established under the Auspices of the Ministry of Human Resource Development, Govt. of India)

56-57, Institutional Area, Janakpuri, New Delhi-110058

RSkS/36013/Ashtaadashi/02/2018-19/1855

To

The Registrar Karnataka Samskrit University Pampa Mahakavi Road, Chamarajpete, Bengaluru-560018

Dr. Kerting Sub.:- Financial Assistance under "Ashtaadashi" (18 Projects) 2016-19 for sustaining the growth of Sanskrit recommended by the Committee to suggest vision and Road Map for the

Development of Sanskrit - 10 Year Perspective Plan - reg..

Sir.

The Rashtriya Sanskrit Sansthan (Deemed University), set up by Government of India for propagation and promotion of Sanskrit language and Nodal Agency to the Government of India for implementing its related programmes and policies, invited applications for financial assistance under the Ashtaadashi (18 Projects) from the Universities/Education Institutions/Organizations vide notification No. RSkS/36013/Ashtaadashi/01/2018-19 dated 05.02.2018.

Further, the Competent Authority has constituted a High-level Committee to examine the proposals, received from various institutions & agencies. Based on the submitted proposal (s) and after an interface meeting with the concerned institutions/agencies, the Committee submitted its recommendations. The recommendations were considered and approved by the GIAC in its 26th meeting held on 05.12.2019 at Indian International Centre, New Delhi, under agenda item no. 26.14.

Now, therefore, I am directed to convey the tentative approval/sanction of the Competent Authority for Grant-in-Aid under Ashtaadashi Scheme (18 Projects) for conducting the project is as follows:-

follows:-	C 11 A11
Project Name:-	Grant-in-Aid:-
Reprint of Rare Books -"Bodhayaneeya Brahmakarma Samucchaya"	Rs.300000/-
(Principal Investigator- Dr. Ramakrishna Bhat K)	(three lakh only)

It is further informed that Guidelines of Scheme for Ashtaadashi - Eighteen Projects for sustaining the growth of Sanskrit, which approved by the GIAC in its meeting on 22.08.2017 and the list of projects recommended by the High-Level Scrutiny Committee under Ashtaadashi is available at Sansthan's website - http://www.sanskrit.nic.in/ashtaadashi.php You may kindly go through the recommendations/findings of the Committee and make necessary modifications/ rectifications/re-appropriation of budget etc., and submit in Form No. Ashtaadashi - I which is also a part of the Guidelines of Scheme, to Sansthan for final approval.

The 50% or 75% of the sanctioned Grants-in-Aid i.e. Rs.150000/- (one lakh fifty thousand only) will be released to you after the receipt of required documents. The balance amount will be released as per clause (Ashtaadashi guidelines) No. 13 & after completion of the 1st phase of the Project. Consequently, if the Principal Investigator of the Project is willing to do the project within the sanctioned budget then declaration for acceptance is to be submitted to Sansthan, in prescribed proforma (Form No. Ashtaadashi - II).

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# केन्द्रीय संस्कृत विश्वविद्यालय

संसद के अधिनियम द्वारा रथापित (पूर्व मे गाँजूब सस्वत सम्यान, मानित विश्वविद्यानम्) शिक्षा मन्त्रात्तप, भागत सरकार दे. अधीन 55-57, सास्थानिक क्षेत्र, जनकपुरी, नई दिल्ली - 110058



# Central Sanskrit University

Established by an Act of Parliament

If nemerly Rankings Countril Constitute, Deemed to be University Under Ministry of Education Govt of Ind etilistinnal Area Tanahsum, Haw Delta - Hoome

Dated:14.02.2023

F.No.CSU/Ashtaadashl-V/2021-22/24/ 09 53

To

The Registrar Karnataka Samskrit University, Bengaluru Pampa Mahakavi Road, Distt.- Nagpur, Maharashtra - 441 106.

Sub.:- Providing financial assistance under "Ashtaadashi (18 Projects)" for the year 2021-22.

In reference to the above cited subject matter, I am directed to convey the approval of Grant-Sir, in-Aid Committee and Competent Authority of the University for providing financial assistance of Rs.1,29,250/- (Rupees one lakh twenty nine thousand two hundred fifty only) under Ashtaadashi (18 Projects) in order to conduct/complete the following project:-

Projects) in order to seem .	Sanctioned Grant-in-Aid
Project Name: Edition of (Tatvachintamani) Alokagadhadari-Shabdhakhanda of Gadadhar Bhattacharya (P.I- Dr. Bhaskar Bhatt Joshi)	Rs.258500/- (two lakh fifty eight thousand five hundred only)

In this context, it is to inform in terms of Ashtaadashi Guidelines that 50% of the sanctioned Grant-in-Aid i.e. Rs.1,29,250/- (Rupees one lakh twenty nine thousand two hundred fifty only) has already been electronically transferred to your account on 07.02.2023 (copy enclosed). The balance amount will be released (as per clause No. 13 of Ashtaadashi guidelines) on the recommendations of the Expert Committee, on submission of statement of expenditure to the extent of at least 80% of the grant released of the first instalment and utilization certificate of the sanctioned Project. Thereafter, the University shall consider to release of 2<sup>nd</sup> instalment i.e. 40% grant of the approved project. At last, final 10% of the grant of approved project will be released only after completion of the said Project, submission of accounts/expenditure & utilization certificate of the sanctioned amount and detailed report on project (in soft & hard copy) etc. in the prescribed proforma (Form No. Ashtaadashi -III to VII).

In addition, University has reserved the right to inspect the project at any time without prior intimation. Hence, Project Director should make available to the representative of the University regarding the project initiative details (Project starting, dates, Timing, place, venue, concerned person name & phone number etc.). The Grant-in-Ald must be utilized by strictly following Ashtaadashi Guidelines. The projects/activities conducted with the financial assistance of CSU under the scheme, must be acknowledged by appropriate displaying of name & logo of CSU and also as per revised estimate submitted by you.

Therefore, you are hereby requested to initiate further necessary steps to start the project works keeping in view of Ashtaadashi guidelines, which is also available in the University's website i.e. www.sanskrit.nic.in .

This is issued with the approval of the Competent Authority.

(Dr. Chakradhar Meher) Ashtaadashi I/c

GENERAL ENQUIRY: 011-28520977, 28521994, 28524993, 28524995, 28525963

VC: 28523949, REGISTRAR: 28520979, ACD: 28521948, ADMIN: 28524532, EXAM: 28521258, N.F.S.E.: 28524387.
MSP: 28523611, SCHEMES: 28520966, EMAIL: centralsanskrituniversity@gmail.com, WEBSITE: www.sanskrit.nic.in

### कन्द्रीय संस्कृत विश्वविद्यालय

संसद के अधिनियम द्वारा स्थापित (को में राष्ट्रिय संस्कृत संस्थान, मार्जित विश्वविक 56-57, मास्कानिक क्षेत्र, जनकपुरी, नई दिस्सी - 110058



### Central Sanskrit University

Established by an Act of Parliament

(Formerly Rashtriya Sanskrit Sansthan, Deemed to be University) 56-57, Institutional Area, Janakpun, New Debi - 110056

F.No.CSU/Ashtaadashi-II/2018-19/22/29

Dated:22.02.2022

To

The Registrar Karnataka Samskrit University Pampa Mahakavi Road, Chamarajpete, Bengaluru - 560 018 (Karnataka)

Sub.:- Providing financial assistance under "Ashtaadashi (18 Projects)" for the year 2018-19.

In reference to the above cited subject matter, I am directed to convey the approval of Grant-in-Aid Committee and Competent Authority of the University for providing financial assistance of Rs.1.00,000/- (Rupees one lakh only) under Ashtaadashi (18 Projects) in order to conduct/complete the following project:-

De la Contra de	Sanctioned Grant-in-Aid
Project Name:  Editing & Publishing of the Manuscripts-Tarkachudamani Sabda Khanda-A sub-Commentary of Tatvachintamani (Principal Investigator-Dr. K.E. Sri Venkata	Rs.200000/-
Nathan)	1

In this context, it is further informed that in terms of Ashtaadashi Guidelines, 50% of the sanctioned Grant-in-Aid i.e. Rs.1,00,000/- (Rupees one lakh only) has already been electronically transferred to your account. The balance amount will be released (as per clause No. 13 of Ashtaadashi guidelines) on the recommendations of the Expert Committee, on submission of statement of expenditure to the extent of at least 80% of the grant released of the first instalment and utilization certificate of the sanctioned Project. Thereafter, the University shall consider release of 2nd instalment of 40% of the approved project budget. At last, final 10% of the approved project budget will be released only after completion of the said Project, submission of accounts/expenditure & utilization certificate of the sanctioned amount and detailed report on project (in soft & hard copy) etc. in the prescribed proforma (Form No. Ashtaadashi -III to VII).

In addition, University has reserve the right to inspect the project at any time without prior intimation. Hence, Project Director should make available to University the project initiative details (Project starting, dates, Timing, place, venue, concerned person name & phone number etc.). The Grant-in-Aid must be utilized by strictly followed Ashtaadashi Guidelines. The projects/activities conducted with financial assistance of the CSU under the scheme must be acknowledged by appropriate displaying of name & logo of CSU and also as per revised estimate submitted by you.

Therefore, you are hereby requested to initiate further necessary steps to start the project works keeping in view set up norms of Ashtaadashi guidelines, which is also available in the University's website i.e. www.sanskritnic.in .

This issues with the approval of the Competent Authority.

Yours faithfully,

(Prof. R.G. Murali Krishna) Ashtaadashi I/c

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GENERAL ENQUIRY: 011-28520977, 28521994, 28524993, 28524995, 28525963

VC. 28523949, REGISTRAR: 28520979, ACD::28521948, ADMIN::28524532, EXAM::28521258, N.F.S.E.::28524387, MSP - 28523611, SCHEMES::28520966, EMAIL::centralsanskrituniversity@gmail.com, WEBSITE::www.sanskrit.nic.in

RSKS/SC/1- 446/2015-16/S-II 9 H S RASHTRIYA SANSKRIT SANSTHAN

### (DEEMED UNIVERSITY)

56-57, INSTITUTIONAL AREA, JANAKPURI, NEW DELHI-110058

Dated: 23.05.2016

To.

Prof. Mallepuram G. Venkatesh (Former Vice-Chancellor of Karnataka Samskrit University) 'Poornapreeti', No.296, 10<sup>th</sup> Main Road M.E.I Layout, Bagalakunte, Dasarahalli Bengaluru-560073

Sir.

With reference to recommendation of the 21st GIAC meeting dated 28.03.2016 under its Table Agenda ltem no 21.3, you are appointed as a Scholar under Shastra Chudamani Scheme which is intended to promote traditional learning through imparting of in-depth coaching in original text and exposition of original text with a view to correlate the ancient and modern thought. The following terms and conditions will govern this appointment.

- 1. The Scholar appointed under the Shastra Chudamani Scheme shall be required to keep himself/herself attached to a Sanskrit Institution University/College, Research Institute selected by the Sansthan.
- 2. The Scholars selected under the scheme shall be required to impart institutions in original text concerning the particular subject in which he/she has specialized to young entrants for teaching profession/ Research scholars senior students attached to prepare a critical edition with introduction of unpublished manuscript/ monography on the subject in which he or she has specialized. The scholars will be scanned after the appointment & prepare a detailed plan of work for the students attached to him/her.
- 3. The Scholar selected under the scheme shall be required to submit a quarterly report in the progress made by him/her and his/her students in the field in which he/she is imparting instructions/preparing critical edition of unpublished text/monography to the Sansthan through the head of the Institution to which he/she is attached.
- The report, thus, submitted shall be subject to scrutiny by a committee of experts to be appointed by the Sansthan from time to time.
- 5. The tenure of assignment of scholar selected under the scheme shall be initially for two years and during this period scholar shall be entitled to a fixed honorarium of Rs 6,000/- p.m. The honorarium will be payable in half yearly installments, in accordance to the documents submitted by the Scholar.
- 6. The tenure of assignment of the scholar may be extended for one year on recommendation of the Head of the Institution to which he/she is attached. The extension proposal will be considered only if it will reach to the Sansthan during 1<sup>st</sup> April 2018 to 15<sup>th</sup> May 2018. Late proposal shall not be considered.
- In evaluating the tenure of the scholar selected under the scheme the date of joining shall be the starting day of appointment or in other words the scholars shall initially be appointed for a period of two years with effect from 1.06.2016 to 31.05.2018
- 8. The scholar selected under the scheme will be required to attend the institution at least three days in a
- 9. The scholar appointed will not be entitled for any dearness allowance, house rent allowance etc.
- 10. The scholar appointed will prepare a critical edition with instruction of any unpublished manuscript or monography running into not less than 150 pages on the special subject which he is teaching. He will be provided up to Rs. 10,000/- as contingency grant for completing this work during the period of his assignment provided he/she fulfills the conditions prescribed for contingency grant.
- 11. The appointment will be treated as valid if the Head of the Institution gives a certificate to the effect that the scholar is physically fit and capable of taking up this assignment.

12. The scholar appointed will have to join the institution on 01.06.2016, failing which it should be treated a

If the above terms and conditions are acceptable to you, you may kindly send your acceptance Latest by 30.05.2016 and join the following institution attached to you.

Name of the Institution:-

Karnataka Sanskrit University Pampamahakavi Road, Chamarajpet, Bengaluru -560018, Karnataka

Yours faithfully

Chick Malya
1/c Schemes

Copy to:-

Vice Chancellor Karnataka Sanskrit University Pampamahakavi Road, Chamarajpet, Bengaluru -560018, Karnataka

For information with request to send the following documents.

- Duly filled bond by the scholar in his/her name& Counter Signed by the Head of the Institution for Rs. 1,44,000/-
- 2. Duly filled Resolution by the Head of the Institution.
- 3. A stamped receipt in advance for the amount from the date of joining up to the period of six month for which the grant is to be release @ Rs. 6,000/- p.m.
- 4. An undertaking by Scholar.
- Joining Report.
- 6. The certificate as indicated against condition No. 11 of the sanction letter.

Couch'moone

Note: Last dates for submission of Bond-Paper, Pre-Receipt and Progress Report are :

Bond Paper Latest by 30.06.2016

### **Progress Report and Pre-Receipt**

01.06.2016 – 30.11.2016 Latest by 20.12.2016 01.12.2016 – 31.05.2017 Latest by 20.06.2017 01.06.2017 – 30.11.2017 Latest by 20.12.2017 01.12.2017 – 31.05.2018 Latest by 20.06.2018

The above mentioned Bond Paper, Pre-Receipt and Progress Report should reach within the dates mentioned above failing which the file will be forwarded for cancellation of the sanction.

# RASHTRIYA SANSKRIT SANSTHAN RSKS/SC/1- 447/2015-16/S-II

JANAKPURI, NEW DELHI-110058 56-57, INSTITUTIONAL AREA, (DEEMED UNIVERSITY)

Dated:-23.05.2016

BSK III Stage, Bengaluru-560085, Karnataka No. 39 Ist Cross Katriguppa Main Road Prof. A. Haridasa Bhat

traditional learning through imparting of in-depth coaching in original text and exposition of original text with a Item no 21.3, you are appointed as a Scholar under Shastra Chudamani Scheme which is intended to promote view to correlate the ancient and modern thought. The following terms and conditions will govern this appointment. With reference to recommendation of the 21st GIAC meeting dated 28.03.2016 under its Table Agenda

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- 3 edition of unpublished text/monography to the Sansthan through the head of the Institution to which he/she by him/her and his/her students in the field in which he/she is imparting instructions/preparing critical The Scholar selected under the scheme shall be required to submit a quarterly report in the progress made
- S 4 Sansthan from time to time. The report, thus, submitted shall be subject to scrutiny by a committee of experts to be appointed by the
- 6 payable in half yearly installments, in accordance to the documents submitted by the Scholar. The tenure of assignment of scholar selected under the scheme shall be initially for two years and during this period scholar shall be entitled to a fixed honorarium of Rs 6,000/- p.m. The honorarium will be
- the Institution to which he/she is attached. The extension proposal will be considered only if it will reach to The tenure of assignment of the scholar may be extended for one year on recommendation of the Head of
- $\infty$ 7 starting day of appointment or in other words the scholars shall initially be appointed for a period of two the Sansthan during 1st April 2018 to 15th May 2018. Late proposal shall not be considered. In evaluating the tenure of the scholar selected under the scheme the date of joining shall be the years with effect from 1.06.2016 to 31.05.2018
- 9 The scholar selected under the scheme will be required to attend the institution at least three days in a
- 0 The scholar appointed will not be entitled for any dearness allowance, house rent allowance etc
- The scholar appointed will prepare a critical edition with instruction of any unpublished manuscript or monography running into not less than 150 pages on the special subject which he is teaching. provided up to Rs. 10,000/- as contingency grant for completing this work He will be
- the scholar is physically fit and capable of taking up this assignment. The appointment will be treated as valid if the Head of the Institution gives a certificate to the effect that during the period of his assignment provided he/she fulfills the conditions prescribed for contingency grant.
- The scholar appointed will have to join the institution on 01.06.2016, failing which it should be treated as



50.55.2010 and John the following institution attached to you.

Name of the Institution:-**Karnataka Sanskrit University** Pampamahakavi Road, Chamarajpet, Bengaluru -560018, Karnataka

Yours faithfully

Schemes

Copy to:

Karnataka Sanskrit University Vice Chancellor

Pampamahakavi Road, Chamarajpet, Bengaluru -560018, Karnataka

For information with request to send the following documents

- Duly filled bond by the scholar in his/her name& Counter Signed by the Head of the Institution for Rs. 1,44,000/-
- Duly filled Resolution by the Head of the Institution.
- 3 12 which the grant is to be release @ Rs. 6,000/- p.m. A stamped receipt in advance for the amount from the date of joining up to the period of six month for
- An undertaking by Scholar.
- 4.00 Joining Report.
- The certificate as indicated against condition No. 11 of the sanction letter.

Church Moon I/c Schemes

Note: Last dates for submission of Bond-Paper, Pre-Receipt and Progress Report are:

**Bond Paper** Latest by 30.06.2016

# Progress Report and Pre-Receipt

01.12.2016 - 31.05.201701.06.2016 - 30.11.201601.06.2017 - 30.11.201701.12.2017 - 31.05.2018Latest by 20.12.2016 Latest by 20.06.2017 Latest by 20.06.2018 Latest by 20.12.2017

The above mentioned Bond Paper, Pre-Receipt and Progress Report should reach within the dates mentioned above failing which the file will be forwarded for cancellation of the sanction.

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# RASHTRIYA SANSKRIT SANSTHAN 56-57, INSTITUTIONAL AREA, (DEEMED UNIVERSITY) RSKS/SC/1-448/2015-16/S-II

JANAKPURI, NEW DELHI-110058

Dated:- 23.05.2016

To.

Girinagar, Bengaluru-560085, Karnataka Vidwan Janardana Hedge Aksharam, 8<sup>th</sup> Cross, 2<sup>nd</sup> Phase

view to correlate the ancient and modern thought. The following terms and conditions will govern this appointment. traditional learning through imparting of in-depth coaching in original text and exposition of original text with a Item no 21.3, you are appointed as a Scholar under Shastra Chudamani Scheme which is intended to promote With reference to recommendation of the 21st GIAC meeting dated 28.03.2016 under its Table Agenda

- attached to a Sanskrit Institution University/College, Research Institute selected by the Sansthan The Scholar appointed under the Shastra Chudamani Scheme shall be required to keep himself/herself
- scholars senior students attached to prepare a critical edition with introduction of unpublished manuscript the particular subject in which he/she has specialized to young entrants for teaching profession/ Research The Scholars selected under the scheme shall be required to impart institutions in original text concerning appointment & prepare a detailed plan of work for the students attached to him/her. monography on the subject in which he or she has specialized. The scholars will be scanned after the
- S by him/her and his/her students in the field in which he/she is imparting instructions/preparing critical Scholar selected under the scheme shall be required to submit a quarterly report in the progress made
- 4 edition of unpublished text/monography to the Sansthan through the head of the Institution to which he/she
- 5 The report, thus, submitted shall be subject to scrutiny by a committee of experts to be appointed by the
- 6 payable in half yearly installments, in accordance to the documents submitted by the Scholar. this period scholar shall be entitled to a fixed honorarium of Rs 6,000/- p.m. The honorarium will be The tenure of assignment of scholar selected under the scheme shall be initially for two years and during
- 7 the Sansthan during 1st April 2018 to 15th May 2018. Late proposal shall not be considered. the Institution to which he/she is attached. The extension proposal will be considered only if it will reach to The tenure of assignment of the scholar may be extended for one year on recommendation of the Head of
- starting day of appointment or in other words the scholars shall initially be appointed for a period of two years with effect from 1.06.2016 to 31.05.2018 In evaluating the tenure of the scholar selected under the scheme the date of joining shall be the
- ,00 The scholar selected under the scheme will be required to attend the institution at least three days in a
- 9
- 10 The scholar appointed will prepare a critical edition with instruction of any unpublished manuscript or provided up to Rs. 10,000/- as contingency grant for completing this work monography running into not less than 150 pages on the special subject which he is teaching. The scholar appointed will not be entitled for any dearness allowance, house rent allowance etc He will be
- 12 The appointment will be treated as valid if the Head of the Institution gives a certificate to the effect that the scholar is physically fit and capable of taking up this assignment. during the period of his assignment provided he/she fulfills the conditions prescribed for contingency grant.
- The scholar appointed will have to join the institution on 01.06.2016, failing which it should be treated as

30.05.2016 and join the following institution attached to you. If the above terms and conditions are acceptable to you, you may kindly send your acceptance Latest by

Name of the Institution:-

Karnataka Sanskrit University

Pampamahakavi Road, Chamarajpet, Bengaluru -560018, Karnataka

Yours faithfully

I/c

Schemes

Karnataka Sanskrit University Vice Chancellor

Pampamahakavi Road, Chamarajpet, Bengaluru -560018, Karnataka

For information with request to send the following documents

- Duly filled bond by the scholar in his/her name& Counter Signed by the Head of the Institution for Rs.
- 32 Duly filled Resolution by the Head of the Institution.
- A stamped receipt in advance for the amount from the date of joining up to the period of six month for
- 6.0.4 An undertaking by Scholar.
- Joining Report
- The certificate as indicated against condition No. 11 of the sanction letter.

I/c Schemes wet moonem

Note: Last dates for submission of Bond-Paper, Pre-Receipt and Progress Report are:

**Bond Paper** Latest by 30.06.2016

# Progress Report and Pre-Receipt

01.12.2017 - 31.05.201801.12.2016 - 31.05.2017 01.06.2017 - 30.11.201701.06.2016 -30.11.2016 Latest by 20.12.2016 Latest by 20.06.2017 Latest by 20.12.2017 Latest by 20.06.2018

The above mentioned Bond Paper, Pre-Receipt and Progress Report should reach within the dates mentioned above

# केन्द्रीय संस्कृत विश्वविद्यालय

पंसद के अधिनियम द्वारा स्थापित पूर्व में साष्ट्रिय संस्कृत संस्थान, मानिस विस्वविद्यालय) शेक्षा मन्त्रालय, भारत सरकार के अधीन 56-57, सांस्थानिक क्षेत्र, जनकपुरी, नई दिल्ली - 110058



# Central Sanskrit University

Established by an Act of Parliament

Dated: - 27.02.2023

F.No.CSU/Ashtaadashi-I/2017-18/38/38/38

To

### The Registrar

Karnataka Samskrit University (KSU) & Vyoma Linguistic Labs Foundation Pampa Mahakavi Road, Chamarajpet, Bengaluru - 560 018.

Sub.: - Releasing of 10% grant under Ashtaadashi Project - reg...

Sir/Madam,

I am directed to refer to your letter dated 08.03.2022 on the above cited subject matter and to inform that Internal Evaluation Committee (IEC) meeting was held on 20.12.2022 at Central Sanskrit University, Delhi to examine/evaluate the progress report of the project submitted by you.

Consequently, the Committee examined/evaluated the progress report of sanctioned project alongwith relevant documents and considered the various aspects as mentioned in the guidelines of the Ashtaadashi Projects. It is also observed that 90% grant of sanctioned budget i.e., Rs. 14,40,000/- (Rupees fourteen lakh forty thousand rupees only) has already been released.

Further, pursuant to the recommendations of the Internal Evaluation Committee (IEC), it is noted that sanctioned project namely Development of Digital Products for Children for Learning Sanskrit (Balashtadashi), P.I.- Dr. V. Shivani & Co.P.I.-Venkat Subrahmanyam, has been completed successfully. Accordingly, as per Ashtaadashi guidelines, remaining 10% grant of sanctioned budget i.e., Rs. 1,60,000/- (Rupees one lakh sixty thousand only) has already been released on 13.02.2023 through PFMS. Further, the committee suggested that in the software, logo of the CSU and other collaboration institutions may be displayed in every step.

Central Sanskrit University, Delhi wishes to Principal Investigator/Co-Principal Investigator for his/her future endeavour.

This is issued with approval of the Competent Authority.

Yours faithfully.

(Dr. Chakradhar Meher) Ashtaadashi I/c

GENERAL ENQUIRY: 011-28520977, 28521994, 28524993, 28524995, 28525963

VC: 28523949, REGISTRAR: 28520979, ACD: 28521948, ADMIN: 28524532, EXAM: 28521258, N.F.S.E.: 28524387, MSP: 28523611, SCHEMES: 28520966, EMAIL: centralsanskrituniversity@gmail.com, WEBSITE: www.sanskrit.nic.in

भारत सरकार

Government of India इत्वेक्ट्रॉनिक्स और सूचना प्रौद्योगिकी मंत्रालय

Ministry of Electronics & Information Technology इलेक्ट्रॉनिक्स निकेतन, ६, सी जी ओ कॉम्प्लेक्स, नई दिल्ली-110003

Electronics Niketan, 6, C G O Complex, New Delhi-110003

Website: www.meity.gov.in

संख्या

दिनांक

No.11(1)/2022-HCC(TD1L)-Part(7)

Date 25.03.2022

### ADMINISTRATIVE APPROVAL

Subject: Administrative Approval for implementation of the Sub Project 'An Interpretable Unified Framework for Text-to-Text Translation among Indian Languages using Sanskrit-based Interlingua Representation' under the Project titled 'National Language Translation Mission (NLTM): BHASHINI'.

Implementing Agency:

IIT, Kharagpur – Consortium Leader and IIT Bombay, IIT Kanpur, IISc Bangalore, Karnataka Samskrit University,

C-DAC Bangalore as Consrotium Members.

The undersigned is directed to refer to this Ministry's letter of No.11(14)/2018-HCC(TDIL) dated 13.10.2021 conveying the Administrative Approval for the implementation of the Project titled 'National Language Translation Mission (NLTM): BHASHINI' by Digital India Corporation (DIC), C-DAC, R&D Institutions for research through call for proposals and Other Implementing Agencies (To be identified) with the total outlay of the project of Rs. 495.51 Crore (Rupees four hundred ninety-five crore fifty one lakh only) as Grants-in-aid from Ministry of Electronics and Information Technology (MeitY). The duration of the projects is 36 months. The start of the Mission will be the date of the first release of Grant-in-aid. However, disbursement may go beyond the duration of the Mission.

- 2. Now, the undersigned is directed to convey the Administrative Approval for the implementation of the sub-project namely 'An Interpretable Unified Framework for Text-to-Text Translation among Indian Languages using Sanskrit-based Interlingua Representation' under the Project titled 'National Language Translation Mission (NLTM): BHASHINI' to be implemented by IIT, Kharagpur Consortium Leader and IIT Bombay, IIT Kanpur, IISc Bangalore, Karnataka Samskrit University, C-DAC Bangalore as Consrotium Members at the total outlay of the project is Rs. 3,43,76,700/- (Rupees three crore forty-three lakh seventy-six thousand seven hundred only) as Grants-in-aid from Ministry of Electronics and Information Technology (MeitY) for a period of 03 years. The details of the project are at Annexure– I.
- 3. The standard terms and conditions governing the Grants-in-aid are enclosed at Annexure II.

This issues with the approval of Secretary, MeitY vide computer no. 3083439 dated 23.03.2022 and concurrence of Integrated Finance Division, MeitY vide computer no. 3083439 dated 04.02.2022.

(Sandeep Kumar Ambasta)
Deputy Director

### Copy to:

- 1. Pay & Accounts Officer, Pay & Accounts Office. MeitY.
- Office of Principal Director of Audit, Scientific Department, Shamnath Marg, Civil Lines, Delhi – 110 054.
- Finance Division. MeitY.
- 4. DDO, MeitY (two copies).
- 5. Chief Investigator, Co-Investigators and Head of Implementing Agencies of the Projects.
- 6. Economic Advisor, MeitY.
- 7. Shri Vijay Kumar, Scientist 'F', MeitY.
- 8. Shri Rajeshwar Singh Janwar, Scientist 'E', MeitY.
- 9. Shri Bharat Gupta, Scientist 'D', MeitY and Sanction File.

(Sandeep Kumar Ambasta) Deputy Director \[
\int \text{Annexure − 1} \to the Administrative Approval No. 11(1)/2022-HCC(TDIL)-Part(7) dated 25.03.2022.
 \]

1.	Title of Project:	An Interpretable Unified Framework for Text-to-Text Translation among Indian Languages using Sanskrit-based Interlingua Representation			
2.	Implementation Agencies:	IIT, Kharagpur – Consortium Leader and IIT Bombay, IIT Kanpur, IISc Bangalore, Karnataka Samskrit University, C-DAC Bangalore as Consrotium Members.			
3.	Chief Investigator:	Pawan Goyal, Associate Professor, IIT Kharagpur			
4.	Co-Investigator:	PIs from other institutes:			
		Ganesh Ramakrishnan (IIT Bombay), Arnab Bhattacharya (IIT Kanpur), Prathosh A.P (IISc Bangalore), Shivani V (Karnataka Sanskrit University), Annarao Kulkarni (CDAC, Bangalore)			
	The second second	Co-investigator:			
		Sudeshna Sarkar (IIT Kharagpur)			
5.	Background/Nature of Project: Research and Development				
	The project aims at developing a linguistically faithful and interpretable translation system for the translation of text among multiple Indian languages. The project proposes to use an interlingual framework rooted in the traditional grammatical sys of Sanskrit. The project will focus on Hindi, Sanskrit and Kannada as a representative subset of Indian languages such that any observations and research innovations catering to one or more of these languages would benefit other languages.				
6.	Broad Objectives of the Project:				
	Towards the primary objective of text-to-text translation, the project will have the following sub-objectives:				
	a) Develop an explainable interlingua interpreter that can capture linguistic characteristics of the languages considered under the framework and facilitate translation among these languages				
	b) Develop a text-to-text (T2T) tr different languages and the inter	anslation module for translation among text in lingua structure			

c) Human benchmarking of explainability and linguistic correctness of interlingua as a post-hoc explainer Deliverables/Expected outcome in physical terms (as applicable): 7. T2T translation systems (Language pairs corresponding to Sanskrit, Hindi, Kannada): The interlingua-based translation models for improved interpretability and faithfulness: API and Web-interface. The models are expected to be more accurate than the available open-source models at ULCA platform, or the Indic-trans platform. Linguistically rich annotated data for the 3 languages: 40k sentences per language, which will be annotated as per the interlingua annotation scheme with the help of the available morphology tools. The data will be released under CC-BY 4.0 license and can be used for any purpose by all on ULCA. 3 Years Duration of Project: 8. 9. Milestones: Months 1-6 Collecting raw and parallel data Months 7-12 Design of annotation schema for the interlingua with a usable API Morpho-syntactic annotation as per interlingua schema with the help of morphological tools: 2k sentences per language Months 13-18 Morpho-syntactic annotation as per interlingua schema with the help of morphological tools: 13k sentences per language Deep Learning components for all the subsystems across all language verticals Months 19-24 Morpho-syntactic annotation as per interlingua schema with the help of morphological tools: 25k sentences per language Interlingua Interpreter: Automated feature generation and feature selection Interlingua Interpreter: Scoring mechanism for feature subspaces from the feature selection framework Automated extension of universal interlingua representation to target language-specific representation

#### Months 25-30

Building the interlingua-based translation model using the subsystems for improved interpretability and faithfulness: API and Web-interface

Benchmarking the interlingua guided text to text translation systems across baseline systems available on ULCA; profiling its various components

#### Months 31-36

Human benchmarking of explainability / linguistic correctness of interlingua as a post-hoc explainer

Finalizing and open-sourcing the modules and datasets

Dissemination

10.	Agency with which link up is established/proposed:	Language Curry www.languagecurry.com (Expression of Intent Letter)
		Reverie Language Technologies Ltd.: https://reverieinc.com/ (Expression of Intent Letter)
11.	Likely End User(s):	Useful as an API based service for startups, as a web service for end users, as a pedagogical system for language learning. Expression of interest from Language curry and Reverie Inc
		The findings of the project will also be usable more widely by the research community.

12. Total Budget outlay (year wise): Rs. 3,43,76,700/- (Rupees three crore forty-three lakh seventy-six thousand seven hundred only)

Rs.In Lakhs SI. Head Year 1 Year 2 Year 3 Total No. Equipment 1 6.3 6.3 Manpower 2 95.64 286.92 95.64 95.64 Consumable 3 1.5 1.5 1.5 4.5 Travel 4 1.6 2,5 2.5 6.6 Contingency 2.1 5.75 9.95 2.1 Others (Misc.) 1.5 1.5 4.5 1.5 Sub-Total (2 to 5) 6 102.34 106.89 312.47 103.24 Overheads (at 8% of 7 8.187 8.259 8.551 24.997 6) 8 Grand Total (1+6+7) 116.827 111.499 115.441 343.767

### Institute Wise Budget Outlay:

### IIT, Kharagpur

Rs.In Lakhs

SI. No.	Head	Year 1	Year 2	Year 3	Total
1	Equipment	0.65	0	0	0.65
2	Manpower	20.04	20.04	20.04	60.12
3	Consumable	0.25	0.25	0.25	0.75
4	Travel	0.35	0.5	0.5	1.35
5	Contingency	0.35	0.35	4	4.7
	Others (Misc.)	0.25	0.25	0.25	0.75
6	Sub-Total (2 to 5)	21.24	21.39	25.04	
7	Overheads (at 8% of 6)	1.699	1.711	2.003	5.413
8	Grand Total (1+6+7)	23.589	23.101	27.043	73.733

### IIT, Bombay

SI. No.	Head	Year 1	Year 2	Year 3	Rs.In Lakh
1	Equipment	0.65	0	0	
2	Manpower	15.84	15.84	15.84	0.65
3	Consumable	0.25			47.52
4	Travel		0.25	0.25	0.75
5	Contingency	0.25	0.4	0.4	1.05
		0.35	0.35	0.35	1.05
	Others (Misc.)	0.25	0.25	0.25	
6	Sub-Total (2 to 5)	16,94			0.75
7	Overheads (at 8% of	1	17.09	17.09	51.12
	6)	1.3552	1.3672	1 2072	
3	Grand Total (1+6+7)	18.9452	47,7	1.3672	4.0896
119		10.3452	18.4572	18.4572	55.8596

### IIT, Kanpur

Rs.In Lakhs

SI. No.	Head	Year 1	Year 2	Year 3	Total
1	Equipment	0.65	0	0	0.65
2	Manpower	15.84	15.84	15.84	47.52
3	Consumable	0.25	0.25	0.25	0.75
4	Travel	0.25	0.4	0.4	1.05
5	Contingency	0.35	0.35	0.35	1.05
	Others (Misc.)	0.25	0.25	0.25	0.75
5	Sub-Total (2 to 5)	16.94	17.09	17.09	51.12
7	Overheads (at 8% of 6)	1.3552	1.3672	1.3672	4.0896
3	Grand Total (1+6+7)	18.9452	18.4572	18.4572	55.8596

### IISc, Bangalore

SI. No.	Head	Year 1	Year 2	Year 3	Rs.In Lakh
1	Equipment	0.65	0	0	0.65
2	Manpower	15.84	15.84	15.84	47.52
3	Consumable	0.25	0.25	0.25	0.75
4	Travel	0.25	0.4	0.4	1.05
5	Contingency	0.35	0.35	0.35	1.05
	Others (Misc.)	0.25	0.25	0.25	0.75
6	Sub-Total (2 to 5)	16.94	17.09	17.09	51.12
7	Overheads (at 8% of 6)	1.3552	1.3672	1.3672	4.0896
8	Grand Total (1+6+7)	18.9452	18.4572	18.4572	55.8596

### KSU, Bangalore

Rs.In Lakhs

SI. No.	Head	Year 1	Year 2	Year 3	Total
1	Equipment	2.5	0	0	2.5
2	Manpower	15.84	15.84	15.84	47.52
3	Consumable	0.25	0.25	0.25	0.75
4	Travel	0.25	0.4	0.4	1.05
5	Contingency	0.35	0.35	0.35	1.05
	Others (Misc.)	0.25	0.25	0.25	0.75
6	Sub-Total (2 to 5)	16.94	17.09	17.09	51.12
7	Overheads (at 8% of 6)	1.3552	1.3672	1.3672	4.0896
8	Grand Total (1+6+7)	20.7952	18.4572	18.4572	57.7096



### C-DAC, Bangalore

Rs.In Lakhs

SI. No.	Head	Year 1	Year 2	Year 3	Total
1	Equipment	1.2	0	0 .	1.2
2	Manpower	12.24	12.24	12.24	36.72
3	Consumable	0.25	0.25	0.25	0.75
4	Travel	0.25	0.4	0.4	1.05
5	Contingency	0.35	0.35	0.35	1.05
	Others (Misc.)	0.25	0.25	0.25	0.75
6	Sub-Total (2 to 5)	13.34	13.49	13.49	40.32
7	Overheads (at 8% of 6)	1.0672	1.0792	1.0792	3.2256
8	Grand Total (1+6+7)	15.6072	14.5692	14.5692	44.7456

### Special terms and conditions:

- At the end of one year, models should be more accurate than available open-source models on the ULCA platform which is a mandatory Condition for project continuation else the projects can be shortly closed.
- In the case of research proposals, if performance criteria are met at the end of one year, PI may request additional funding for more corpus creation in the form of a new proposal which can be considered depending on the availability of funds.
- ULCA API based Data and Models should be made available in open source by
  maintaining the GitHub Repository by the concerned
  Researcher/Consortia/Ekstep/other contributor and then be ported from
  GitHub onto the Bhashini platform by the DevOps team of DIC. Source code
  should be released under an open-source license, and it should be
  downloadable, compiled, installed along with necessary data by anyone
  without any registration/permissions. The data to be released under CC-BY 4.0
  license with attribution to NLTM, shall be used for any purpose by all.
- The corpus funded to R&D under the Mission should be newly created and of Gold Standard and independent of the data to be developed under DMU. The process and methods to be developed to avoid duplication of data. The PI is responsible to collect all data required to meet their promised performance. However, PI may leverage the data developed by DMU, if applicable. The data source should be declared prior to the collection for avoiding data duplication among various stakeholders under the Mission. And, the corpus funded under the Mission is to be utilised for the generation of unique corpus only. The process to ensure this should be automatic through the platform. The three expert committees mentioned in the Mission Document will lay guidelines to ensure coordinated data development under the mission. The committees will be set up by MeitY and will function in close coordination with NHLT. These committees will also work on the development of more benchmarks in discussion with Consortia e.g. domain-specific etc.

14. Project Review & Monitoring: EC Committee will continue to work as PRSG

### 15. Benefits:

Deep learning systems have been quite successful recently in speech/text translations among the languages of west Europe. They, however, require a large amount of parallel data for every pair of source and target languages posing a serious drawback for application in Indian languages. This project, thus, aims to address this by incorporating an interlingua framework based on grammatical tradition of Sanskrit in order to reduce the data requirement and also to get interpretability and faithfulness to produce a hybrid pipelined translation system for 3 Indian languages,

harnessing the representational power of deep learning and insights from Sanskrit grammar.

16. Stages for Release of Payment:

Pre-condition status of implementation: Issue of Administrative Approval and as per quantitative roadmap

Documentation to be supplied by Implementation Agency: Acceptance to the terms and conditions of GIA, special terms and conditions for the Mission project, Progress Report, UC

Amount to be Released: As per the recommendation of PRSG for release followed by the availability of fund and as proposed by Programme Division

harnessing the representational power of deep learning and insights from Sanskrit grammar.

16. Stages for Release of Payment:

Pre-condition status of implementation: Issue of Administrative Approval and as per quantitative roadmap

Documentation to be supplied by Implementation Agency: Acceptance to the terms and conditions of GIA, special terms and conditions for the Mission project, Progress Report, UC

Amount to be Released: As per the recommendation of PRSG for release followed by the availability of fund and as proposed by Programme Division