

BT/COE/34/SP15268/2015
Government of India
Ministry of Science & Technology
Department of Biotechnology

Block 2, 6-8th Floors
CGO Complex, Lodi Road,
New Delhi – 110003

Dated: 16.11.2015

ORDER

Sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules, 1978, for the implementation of the project entitled "**Programme Support on elucidation of biosynthetic pathways and development of gene markers for high value endangered medicinal herbs of NW Himalayas (Phase II)**" at a total cost of ₹ 349.82 lakhs (Rupees Three hundred Forty Nine lakhs Eighty Two thousand only) over a period of five years jointly at Jaypee University of Information Technology (JUIT), Wagnaghat, Solan, HP (₹ 332.32 lakhs) and Himalayan Forest Research Institute (HFRI), Shimla (₹ 17.50 lakhs) on the terms and conditions detailed here under:

2.0 The Project:

2.1 Project Title: Programme Support on elucidation of biosynthetic pathways and development of gene markers for high value endangered medicinal herbs of NW Himalayas (Phase II)

2.2 Investigators:

Name of the Coordinator & Implementing Institute: Prof. R.S. Chauhan
Dean (Biotechnology) and Head, Department of Biotechnology & Bioinformatics, Jaypee University of Information Technology (JUIT), Wagnaghat – 173234, HP

Name and Co-PI(s) and Address(s):

1. Dr. Hemant Sood, Assistant Professor, JUIT, Wagnaghat
2. Dr. Saurabh Bansal, Assistant Professor, JUIT, Wagnaghat
3. Dr. Tiratha Raj Singh, Assistant Professor, JUIT, Wagnaghat
4. Dr. Jagdish Singh, Scientist E, Non-Wood Forest Products Division, Himalayan Forest Research Institute (HFRI), Panthaghati, Shimla – 171009

2.3 Objectives:

Lead Project: Functional Analysis of Biosynthetic Pathway Genes and Identification of Key Enzymatic Steps Controlling the Production of Picroside-I and Picroside-II in *Picrorhiza kurroa* (PI: Prof. R.S. Chauhan)

1. Ascertain accuracy of deciphered picrosides biosynthetic pathway through quantification and structure determination of intermediate metabolites.
2. Ascertain Picroside-II biosynthetic route vis-à-vis tissue/organ of *Picrorhiza kurroa*.
3. Functional validation of paralogues for selected genes to pinpoint correct paralogues encoding the enzymatic step.
4. Full length cloning of cDNAs for genes encoding rate-limiting steps and genes with elevated transcripts vis-à-vis Picroside-I and Picroside-II contents.

Assistant Professor (Academics)
Jaypee University of Information Technology
Wagnaghat, Distt. Solan (H.P.)



- Heterologous expression of key genes in *Escherichia coli*/yeast, enzyme purification and kinetics studies for their functional **characterization**.

R&D Project 1: Development of Gene Markers (SNPs) Associated with Picroside-I and Picroside-II Contents and Their Usage in Ascertaining Genetic Superiority of Elite Chemotypes of *Picrorhiza kurroa* (PI: Prof. R.S. Chauhan)

- Cloning & sequencing genomic clones of genes, short-listed through gene silencing / enzyme kinetics.
- Develop gene markers (SNPs) through eco-TILLING and/or genome-wide association studies (GWAS) through genotyping-by-sequencing (GBS).
- Association analysis of SNPs with the contents of Picroside-I and Picroside-II of *P. kurroa*.
- Validation of informative SNPs to ascertain genetic purity and authenticity of elite chemotypes / herbal plant material of *P. kurroa*.

2.4 Time Schedule:

The duration of the project is five years from the date of this sanction order.

2.5 Manpower requirement:

S. No.	Designations	No. of positions	Emoluments
I. Jaypee University of Information Technology (JUIT), Wagnaghat			
a. Lead Project			
1.	Junior Research Fellow	Two	₹ 25,000/- fixed per month + 10% HRA for year I and II, ₹ 28,000/- fixed per month + 10% HRA for year III onwards
b. R&D Project 1			
2.	Junior Research Fellow	Two	₹ 25,000/- fixed per month + 10% HRA for year I and II, ₹ 28,000/- fixed per month + 10% HRA for year III onwards
3.	Lab / Field Assistant	One	₹ 10,000/- fixed per month
II. Himalayan Forest Research Institute (HFRI), Shimla			
R&D Project 1			
1.	Field-cum-Farm Attendant	One	₹ 8,000/- fixed per month

The eligibility qualification and emoluments of 'Junior Research Fellow' are as per DST OM No. SR/S9/Z-09/2012 dated 21.10.2014.

2.6 Equipment requirement:

S. No.	Item	Qty.	Cost in foreign currency	Estimated Cost (₹ in lakh)
I. Jaypee University of Information Technology (JUIT), Wagnaghat				
a. Lead Project				
1.	PDS-1000 / He System (Gene Gun)	One	US\$ 33,500	21.80
2.	Incubator Shaker with controlled temp, light, humidity to accommodate ~ 100 flasks	One	US\$ 24,150	15.72
Total:				37.52

(Signature)
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Jaypee University of Information Technology
Wagnaghat, Distt. Solan (H.P.)



2.7 Project Cost:

The year-wise estimated cost of the project is as under:

Lead Project: Functional Analysis of Biosynthetic Pathway Genes and Identification of Key Enzymatic Steps Controlling the Production of Picroside-I and Picroside-II in *Picrorhiza kurroa* (PI: Prof. R.S. Chauhan)

JUIT, Wagnaghat

		Amount (₹ in lakhs)					
S. No.	Items	Year I	Year II	Year III	Year IV	Year V	Total
A.	Nonrecurring						
1.	Equipment	37.52	0.00	0.00	0.00	0.00	37.52
B.	Recurring						
1.	Manpower	6.60	6.60	7.40	7.40	7.40	35.40
2.	Consumables	22.50	20.00	20.00	20.00	20.00	102.50
3.	Travel	1.00	1.00	1.00	1.00	1.00	5.00
4.	Contingencies	0.50	0.50	0.50	0.50	0.50	2.50
5.	Overheads	2.00	2.00	2.00	2.00	2.00	10.00
Total (A+B):		70.12	30.10	30.90	30.90	30.90	192.92

R&D Project 1: Development of Gene Markers (SNPs) Associated with Picroside-I and Picroside-II Contents and Their Usage in Ascertaining Genetic Superiority of Elite Chemotypes of *Picrorhiza kurroa* (PI: Prof. R.S. Chauhan)

JUIT, Wagnaghat

		Amount (₹ in lakhs)					
S. No.	Items	Year I	Year II	Year III	Year IV	Year V	Total
A.	Nonrecurring						
1.	Equipment	0.00	0.00	0.00	0.00	0.00	0.00
B.	Recurring						
1.	Manpower	7.80	7.80	8.60	8.60	8.60	41.40
2.	Consumables	20.00	17.00	17.00	17.00	17.00	88.00
3.	Travel	0.50	0.50	0.50	0.50	0.50	2.50
4.	Contingencies	0.50	0.50	0.50	0.50	0.50	2.50
5.	Overheads	1.00	1.00	1.00	1.00	1.00	5.00
Total (A+B):		29.80	26.80	27.60	27.60	27.60	139.40

HFRI, Shimla

		Amount (₹ in lakhs)					
S. No.	Items	Year I	Year II	Year III	Year IV	Year V	Total
A.	Nonrecurring						
1.	Equipment	0.00	0.00	0.00	0.00	0.00	0.00
B.	Recurring						
1.	Manpower	0.96	0.96	0.96	0.96	0.96	4.80
2.	Maintenance of Plantation	0.84	0.84	0.84	0.84	0.84	4.20
3.	Travel	1.00	1.00	1.00	1.00	1.00	5.00
4.	Contingencies	0.50	0.50	0.50	0.50	0.50	2.50
5.	Overheads	0.20	0.20	0.20	0.20	0.20	1.00
Total HFRI (A+B):		3.50	3.50	3.50	3.50	3.50	17.50
Total R&D Project 1:		33.30	30.30	31.10	31.10	31.10	156.90
Grand Total:		103.42	60.40	62.00	62.00	62.00	349.82



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Jaypee University of Information Technology
Wagnaghat, Distt. Solan (H.P.)



SUMMARY OF BUDGET ESTIMATES

JUIT, Wagnaghat

Amount (₹ in lakhs)

S. No.	Items	Year I	Year II	Year III	Year IV	Year V	Total
A. Nonrecurring							
1.	Equipment	37.52	0.00	0.00	0.00	0.00	37.52
B. Recurring							
1.	Manpower	14.40	14.40	16.00	16.00	16.00	76.80
2.	Consumables	42.50	37.00	57.00	37.00	37.00	190.50
3.	Travel	1.50	1.50	1.50	1.50	1.50	7.50
4.	Contingencies	1.00	1.00	1.00	1.00	1.00	5.00
5.	Overheads	3.00	3.00	3.00	3.00	3.00	15.00
Total (A+B):		99.92	56.90	58.50	58.50	58.50	332.32

HFRI, Shimla

Amount (₹ in lakhs)

S. No.	Items	Year I	Year II	Year III	Year IV	Year V	Total
A. Nonrecurring							
1.	Equipment	0.00	0.00	0.00	0.00	0.00	0.00
B. Recurring							
1.	Manpower	0.96	0.96	0.96	0.96	0.96	4.80
2.	Maintenance of Plantation	0.84	0.84	0.84	0.84	0.84	4.20
3.	Travel	1.00	1.00	1.00	1.00	1.00	5.00
4.	Contingencies	0.50	0.50	0.50	0.50	0.50	2.50
5.	Overheads	0.20	0.20	0.20	0.20	0.20	1.00
Total HFRI (A+B):		3.50	3.50	3.50	3.50	3.50	17.50
Grand Total:		103.42	60.40	62.00	62.00	62.00	349.82

3. The Non-recurring expenditure involved is debit to Demand No. 88: Department of Biotechnology; 3425: Other Scientific Research (Major Head); 60: Others (Sub-Major Head); 60.200: Assistance to other Scientific Bodies (Minor Head); 39: Programme for Promotion of Excellence and Innovation; 39.01: Centres for Excellence and Innovation; 39.01.35: Grants for Creation of Capital Assets for the year 2015-2016 (Plan) and the Recurring expenditure involved is debit to 39.01.31: Grants-in-Aid General for the year 2015-2016 (Plan).
4. *Other terms and conditions:*
- 4.1 The other terms and conditions governing this sanction are attached at Annexure 'I'.
- 4.2 The Accounts of grantee institution shall be open to inspection by the sanctioning authority/audit.
- 4.3 A Memorandum of Agreement (MOA) will be signed between the Department and the grantee institute(s) on a Non-Judicial stamp paper of an appropriate value in the format given at Annexure II and the second release will be effected after execution of MOA between the grantee institution(s) and the DBT.
- 4.4 The institute(s) / Agency(ies) will keep the whole of the grant in the Bank Account earning interest, and the interest so earned should be reported to DBT in the Utilization Certificate and Statement of Expenditure. The interest so earned will be treated as created to the institute(s) / Agency(ies) and shall be adjusted towards further instalment of the grant and / or at the time of Final Settlement of Accounts.


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 Jaypee University of Information Technology
 Wagnaghat, Distt. Solan (H.P.)



5. No international travel shall be undertaken from the sanctioned project grant unless specified otherwise.
6. The Registrar, Jaypee University of Information Technology, Wahnaghat, Solan and the Director, Himalayan Forest Research Institute, Shimla would be responsible for submission of Statement of Expenditure and consolidated Utilization Certificate(s) to DBT and PI(s) in respect of grants released against this order from time to time.
7. This issues under the powers delegated to this Department and with the concurrence of IFD, DBT, vide their SAN No. 102/IFD/SAN/3015/2015-2016 dated 16.11.2015.

Mohd. Aslam
(Dr. Mohd. Aslam)
Scientist 'G'

To,
The Pay & Accounts Officer,
Department of Biotechnology,
Ministry of Science & Technology,
CGO Complex, Lodhi Road,
New Delhi - 110003

Copy to:

1. The Principal Director of Audit (Scientific Departments), AGCR Building, New Delhi - 110002
2. Cash Section, DBT (2 copies)
3. IFD, DBT
4. Sanction Folder
5. Prof. R.S. Chauhan, Dean (Biotechnology) and Head, Department of Biotechnology & Bioinformatics, Jaypee University of Information Technology (JUIT), Wahnaghat - 173234, HP
6. Dr. Jagdish Singh, Scientist E, Non-Wood Forest Products Division, Himalayan Forest Research Institute (HFRI), Panthaghati, Shimla - 171009
7. The Registrar, Jaypee University of Information Technology, P.O. Dumehar Bani, Wahnaghat, Solan - 173215, H.P.
8. The Director, Himalayan Forest Research Institute (HFRI), Panthaghati, Shimla - 171009

Mohd. Aslam
(Dr. Mohd. Aslam)
Scientist 'G'

Dr. Aslam

Assistant Registrar (Academics)
Jaypee University of Information Technology
Wahnaghat, Distt. Solan (H.P.)



No. Ind. Dev. F(19)/(Startup Incentive)IT Mandi-19
Government of Himachal Pradesh,
Directorate of Industries,
Dated Shimla- 171001.


From: Director of Industries,
Himachal Pradesh,
To: The Branch Manager,
State Bank of India,
Chhota Shimla, HP, Secretariat,
Shimla 171002.

Sub: Payment through RTGS from Saving Bank Account No.65281638584.

Sir, You are requested to kindly release an amount of Rs. 37,53,136/- (Thirty Seven Lakh Fifty Three Thousand One Hundred Thirty Six Only) through RTGS from the saving bank A/C No.65281638584 of Directorate of Industries as per details is given below


Sr. No.	Name of A/c Holder/Month	Address	Name of Bank Branch	Bank Account	IFSC	Amount (in Rs)
1	Jaypee University of Information Technology	P.O. Wagnaghat, Tehsil Kandaghat, Distt. Solan, HP 173234	Punjab National Bank	04270321000 00010	PUNB063 7100	37,53,136/-

Yours faithfully,


Director of Industries
Himachal Pradesh.

Endst. No. As Above: 12024 Dated:- 28 SEP 2019

Copy to Prof. Ashish Kumar, Nodal Officer Incubation Centre Jaypee University of Information Technology Wagnaghat Solan 173234 HP and with the request to submit all the required document as agreed in the MoU as per condition no 3.4 of MoU for taking further necessary action please. You are further requested to submit the Utilization Certificate of the above amount to this office as on 31.03.2020 positively. The consolidated statement of funds in respect of your Incubation Centre is also enclosed for your information please.


Director of Industries
Himachal Pradesh


Assistant Registrar (Academics)
Jaypee University of Information Technology
Wagnaghat, Distt. Solan (H.P.)



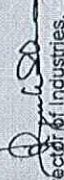
To No. Ind. Dev (Startup Incentive) 2017

The Branch Manager,
State Bank of Patiala,
Chhota Shimla, Secretariat,
Shimla-171002.



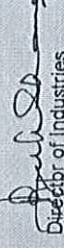
Subject: Payment through RTGS from Saving Bank Account No. 65281638584.

Sir, You are requested to kindly release the amount of Rs. 2000000/- (Rs. Twenty lakh only) through RTGS from the saving Bank A/c No. 65281638584 of Directorate of Industries as per details is given below:-

Sr. No.	Name	Address	Name of Bank Branch	Bank Account	IFSC	Amou
1	Jaypee University of Information Technology	P.O. Wanknaghat, Tehsil Kandaghat, Distt. Solan, H.P. - 173234	Punjab National Bank Wanknaghat	0427032100000010	PUNB0637100	Rs. 200000

Yours faithfully,

Director of Industries,
Himachal Pradesh.
Dt. 21 JUN 2017

Copy to: The Jaypee University of Information Technology P.O. Wanknaghat, Tehsil Kandaghat, Distt. Solan, H.P.-173234. Detailed breakup of above amount is also enclosed.

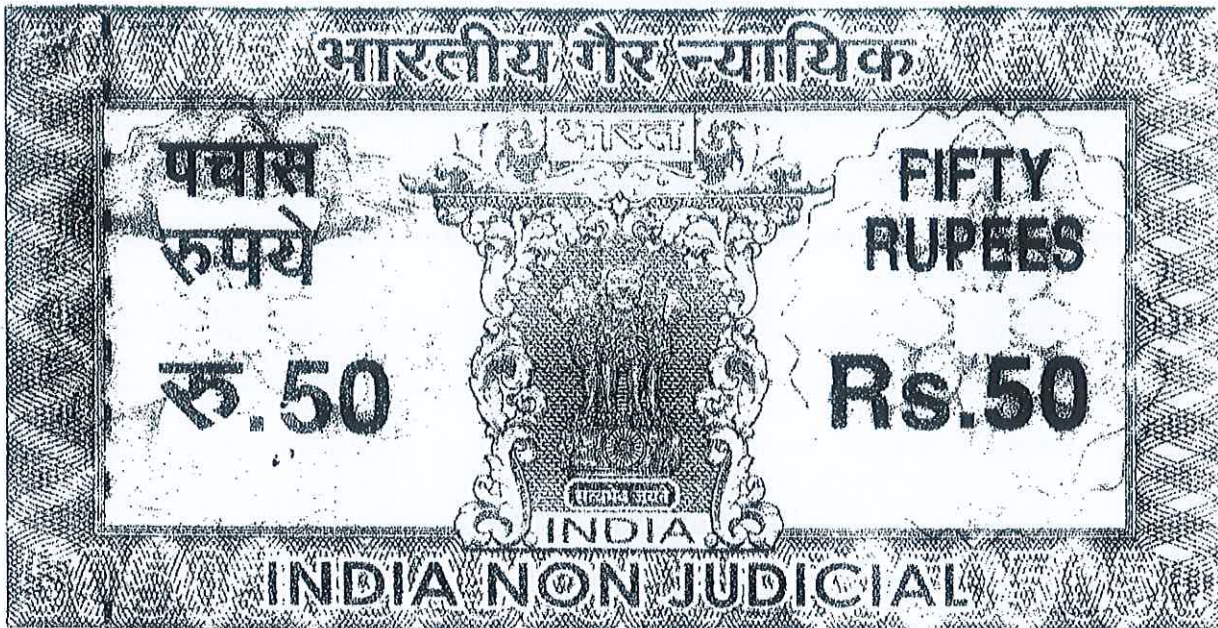
Sr.  for information/keep  Dr. Ashish 
27.5.17, 27/5/17, 27/5/17



Assistant Registrar (Academics)
Jaypee University of Information Technology
Wanknaghat, Distt. Solan (H.P.)



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हिमाचल प्रदेश HIMACHAL PRADESH

B 216933

MEMORANDUM OF UNDERSTANDING (MoU)

Agreement for Utilization of Funds under the Chief Minister's Startup/ Innovation Projects/ New Industries Scheme' for Providing Support for Entrepreneurial and Managerial Development of SMEs through Incubators

AGREEMENT

This Agreement has made and entered into this Eight day to May 2017 between the Governor of the State represented by Shri Rajesh Sharma, Director, Department of Industries (Name & Designation). (hereinafter referred to as 'The First Party' which expression shall unless repugnant to the context or meaning thereof, include its successor in interest and permitted assigns) of the one part.

And

Name of authorized signatory Prof. Vinod Kumar, Vice-Chancellor, Jaypee University of Information Technology, Wagnaghat, Solan for the (Host Institution HI) and its legal status, having its registered office at (Full address) Jaypee University of Information Technology, Wagnaghat, P.O. Wagnaghat, Teh Kandaghat, Distt. Solan- 173234. (hereinafter referred to as 'The Second Party' which expression shall unless repugnant to the context or meaning thereof, include its successor in interest and permitted assigns) of the one part

Whereas, the Government wishes to assist the Empanelled Incubator/ Host Institution (HI) to set up Incubator for establishing ecosystems for Innovation Projects/ Start-ups to help the entrepreneurial venture to succeed and whereas, The HI is willing to perform this assignment,

Now therefore, the parties hereby agree as follows:

1.0 PREAMBLE

1.1 In order to support and promote untapped creativity of the individual innovators, Government has formulated a...

[Signature]
Assistant Registrar (Academics)
Jaypee University of Information Technology
Wagnaghat, Distt. Solan (H.P.)



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6-12-2010

Jaypee University of ET
VPO - Wahnaghat,
Teh. Kandaghat
Distt - Solan (H.P.) 178234



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Assistant Registrar (Academics)
Jaypee University of Information Technology
Wahnaghat, Distt. Solan (H.P.)



Development of Small and Medium Enterprises through incubators. The scheme envisages forging linkages of innovators and entrepreneurs with important constituents of the innovation chain, viz., research/ academic institutes and Incubators, so as to leverage the available know-how, expertise, facilities and infrastructure in such institutions to help the entrepreneurial ventures to succeed.

1.2 It has been agreed by the Government to support **Technology Incubation and Entrepreneurship Development Cell (TIEDC)** (Name of the existing/ New Incubator) located at **JUIT, Wagnaghat** And hosted by **The Jaypee University of Information Technology, Wagnaghat, P.O. Wagnaghat, Teh Kandaghat, Distt. Solan- 173234** (name of the Host Institution) based on a request made by the Host second party has also agreed to abide by the terms, conditions & the operational guidelines of the scheme.

2.0 RESPONSIBILITIES OF THE HOST INSTITUTE

2.1 The Host Institute shall undertake business incubation and entrepreneurship development activities as per the provisions of Startup Policy and guidelines and execute obligations under the proposed Scheme and guidelines. The entity is referred henceforth as the Empanelled Incubator.

2.2 The activities of the Empanelled Incubator shall include:

2.2.1 Nucleation of new business ideas by creating the environment and opportunities for now - how providers, entrepreneurs and financiers to meet each other and from business teams;

2.2.2 Nurturing businesses in their startup phase by creating and running an efficient Empanelled Incubator offering not only space but also access to technology support, business mentoring, networks, scientific and information resources, and a generally conducive and supportive environment; and


2.2.3 Promoting and running an active program for identification, creation and translation (into practical) of business ideas suitable for new venture creation

2.2.4

(i) The incubator shall nurture new ideas/ new Industries to support them in their entire life cycle till the same is turned into a commercial enterprise. The incubator shall also establish tie up with appropriate industries so that new ideas/ New Industries get nurtured in an appropriate environment

(ii) The incubator shall act as a hub with other academic institutes in the district acting as spokes driving the innovation ecosystem in the geography. They shall be mandated to incubate projects through competitive selection process among students, alumni as well as local entrepreneurs. Students of such institutions will also be encouraged to intern with startup incubators recognized by the state government to do their mini-projects or summer/ winter projects or internships that are done during vacations. The incubators may be mandated to run selection programs throughout the state to ensure that students have access from any college in Himachal Pradesh. Such projects can then also be converted to final year Projects where the academic institutes/University and college must involve an external project guide/ mentor as identified by such incubators

(iii) Establishing Support, Eco-Systems, Capital Asset Management and Resources as required for the Incubator


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Jaypee University of Information Technology
Wagnaghat, Distt. Solan (H.P.)



- (iv) Liaison with Angel and Venture Capital investors to provide funding assistance to the incubated startups
 - (v) Shortfalls if any in revenue generation will be met by Private Partner. post the support period.
 - (vi) Ensure pro-active participation of other Private Sector companies for the Incubator in terms of raising funds for incubator and angel investment for startups.
 - (vii) Empanelled Incubator must adhere to all provisions of Startup Scheme and guidelines throughout its association with State Government.
- 2.3 The Host Institute shall provide ready-to-use, dedicated space for housing and operation of the Empanelled Incubator.
- 2.4 The Host Institute shall be responsible for providing access to basic infrastructural facilities, office facilities and laboratory/ facilities for the Empanelled Incubator.
- 2.5 The Host Institute shall be responsible for providing access to the resources arranging the resources for the day- to- day operation of the Empanelled Incubator.
- 2.6 The operation of the Empanelled Incubator shall be governed by the Screening Committee as given under which will be constituted with the approval of the Board of Governors (BOG) of the Host Institutions and comprise of at least the following
- 2.6.1 Executive Head of the EMPANELLED INCUBATOR(Ex-officio Chairperson)
 - 2.6.2 One representative of the Government of HP's promoter agency, in present case representative of Directorate of Industries (Member).
 - 2.6.3 One representative of the industry/ industry association (Member).
 - 2.6.4 One representative of the financial institutions (Member).
 - 2.6.5 One representative from the academic community of the Host Institution (Member)
 - 2.6.6 One R&D expert (Member).
 - 2.6.7 Empanelled Incubator Manager (Member- Secretary).
- 2.7 The Empanelled Incubator shall be run by dedicated staff and shall also utilize the services of faculty/ staff of the Host Institute or expert from outside

3 IMPLEMENTATION OF THE SCHEME AND FINANCIAL ARRANGEMENTS

- 3.1 The Empanelled Incubator/ Screening Committee shall be responsible for arranging/ mobilizing all applicable funds from the State and publicizing the scheme and seeking proposals under the scheme in the approved format and meeting the performance standards mentioned below and as per Startup Scheme and guidelines:
- a. Empaneled incubator must train at least 10 incubatees in the first year and 10 incubatees in the subsequent years. provide handholding support till their venture is commercialized and/ or two years from date of approval. Atleast 10% of the incubatees must reach the next stage of development each year i.e. from Idea to Prototype or from Prototype to successful testing or from testing to market launch (stage should be certified by CIL/ Startup Cell)
 - b. Empaneled incubator from its third year of operation must achieve funding from HP Venture Capital Fund or Private funds or Debt financing from Banks or Angel Investor for atleast one incubatee each year.
 - c. Apart from the above criteria, Incubators will be given a score by the Himachal Pradesh Startup Cell based on biannual reviews of the partner incubator's performance.
 - d. The Empanelled Incubator will be required to submit half yearly reports as per prescribed format. If it is found that the Empanelled Incubator is not rendering the services as per the provisions of Startup Policy and guidelines to the satisfaction of the Himachal Pradesh Startup Cell/ HPCED, the Cell may/ shall initiate appropriate action against the Empanelled Incubator and seek EC approval in this regard



Assistant Registrar (Academic)
Jaypee University of Information Technology
Waknaghat, Distt. Solan (HP)



6.2 All notices with the aforesaid address sent by pre-paid registered post or speed post or sent by fax with confirmation of its delivery or e-mail shall be deemed to have been served and received by the addressee within the time they should have been delivered/ received at the addressee's end. Any change of address will not be valid unless acknowledged by the other party

IN WITNESS WHEREOF, the representative of the Parties to this agreement being duly authorized have hereunto set their hands and have executed those present this **Eight** day of **May** 2017

For & behalf of the Government of HP
Principal Secretary Industries to the Government
of Himachal Pradesh, HP Secretariat, Chotta
Shimla, Shimla-171002
Himachal Pradesh

Witness:

[Signature]
Director Industries

Witness:

[Signature]
Himachal Pradesh

Head of the Institution on his/ her
Nominee under which BI is formed

Witness:

[Signature]
(Dr. Anish Kumar)

Witness:

[Signature]
(Dr. Anish Kumar)

[Signature]
Assistant Registrar (Academics)
Jaypee University of Information Technology
Waknaghat, Distt. Solan (H.P.)



- 3.2 The Incubator shall ensure that the selection of entrepreneur/ incubatee is fair and the disbursement, utilization of the fund is done with fairness to the entrepreneurs/ incubatees.
- 3.3 The Incubator shall ensure that the fund requested for one idea in the proposal does not exceed the specified limit.
- 3.4 The funds shall be released by the HP Government according to the following schedule:

State of Project	Maximum Funds to be released (INR)*	Milestones
Signing of MoU	10 lakhs	
6 months from MoU signing	8 lakhs	4 incubatees to be admitted
1 year from MoU signing	12 lakhs	6 incubatees to be admitted
2 year from MoU signing	30 lakhs	10 incubatees to be admitted
TOTAL	60 lakhs	Total 20 incubatees

- 3.5 The Host Institution/ Empanelled Incubator shall maintain separate accounts of the funds received and expenditure incurred on various activities. Further, the EI would submit Annual Accounts, Audited expenditure statement and Utilization certificate to the Government.

4.0 GENERAL

- 4.1 The Host Institution (HI)/ Empanelled Incubators (EI) shall submit the agreement made by them and with Incubatee to the Government before release of funds to the HI/ BI for utilization by the incubatee.
- 4.2 The assets created through the scheme shall not be transferred/ disposed off without prior permission of the Office of the Government.
- 4.3 In the event it is found that HI/ EI has not utilized amount of grant, or any part of it, for the purpose agreed to in agreement or has subsequently disposed off any of the assets acquired out of the grant without prior permission of the Empowered Committee, the Empowered Committee without prejudice to any other right, shall be entitled to terminate this agreement and liable to recover the grant with penal interest @ 15% of the total grant released

5.0 DISPUTE RESOLUTION

- 5.1 Any disputes shall be ~~solved~~ amicably between parties through the intervention and assistance of the Executive Head of the Empanelled Incubator. If the dispute is not resolved, then the matter may be escalated to the attention of the Executive Head of the Host Institute. If the dispute is still not resolved then the matter be referred to the Principal Secretary Industries whose decision shall be final and binding on all parties

6.0 NOTICE

- 6.1 The address of the Parties for all communication is

Government

Directorate of Industries,
Udyog Bhawan
Bemloe, Shimla

Incubator

Vice-Chancellor, Jaypee University of
Information Technology, Wahnaghat
Head of the Institution or his/ her nominee


Assistant Registrar (Academics)
Jaypee University of Information Technology
Wahnaghat, Distt. Solan (H.P.)



No. Ind. Dev. (Startup Incentive) 2017
 Government of Himachal Pradesh
 Directorate of Industries

081513

Dated Shimla-171001

From:

Director of Industries,
 Himachal Pradesh

To:

The Branch Manager,
 State Bank of India,
 Chhota Shimla, Secretariat,
 Shimla-171002

Subject:

Payment through RTGS from Saving Bank Account No. 65281638584.

Sir,

You are requested to kindly release the amount of Rs 2000000/- (Twenty lakh only) through RTGS from the saving Bank A/c No. 65281638584 of Directorate of Industries as per details given below:-

Sr. No.	Name	Address	Name of Bank Branch	Bank Account	IFSC	Amount
1	Jaypee University of Information Technology	P.O. Wanknaghat, Tehsil Kandaghat, Distt. Solan, H.P.-173234	Punjab National Bank Wanknaghat	0427032100000010	PUNB0637100	Rs. 2000000/- (Twenty Lakhs)

Yours faithfully,

[Signature]
 Director of Industries,
 Himachal Pradesh

Copy to:

Dr. Ashish Kumar (Nodal Officer), Incubation Center, Jaypee University of Information Technology, P.O. Wanknaghat, Tehsil Kandaghat, Distt. Solan, H.P.-173234 with a request to submit status report on previously sanctioned funds and utilization certificate of total funds releases by 31st march, 2018 positively.

[Signature]
 Director of Industries,
 Himachal Pradesh

[Handwritten Signature]

Assistant Registrar (Academics)
 Jaypee University of Information Technology
 Wanknaghat, Distt. Solan (H.P.)



12/03/2018
 on 21/3/18
 8 SHE-2158
 21/3/18

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1. Please note.
2. Importat Document to be retained

[Signature]

31528

No. BT/HRD/01/47/2020
Govt. of India
Ministry of Science & Technology
Department of Biotechnology

Block No. 2, 6-8th floor
CGO complex, Lodi Road
New Delhi-110 003
Dated: 20.01.2021

ORDER

Sanction of the President is hereby accorded under Rule 18 of the Delegation of Financial Power Rules, 1978 for the financial support to program entitled "M.Sc. Biotechnology" at Jaypee University of Information Technology, Himachal Pradesh at total cost of Rs. 130.00 lakhs (Rupees One crore and thirty lakhs only) during F.Y.2020-21 for a period of five years. This program will be implemented in academic session 2020-21 as per budget details given below:

S.No.	Items	1 st Year	2 nd Year	3 rd Year	4 th Year	5 th Year	Total
	Recurring						
1.	Consumables Rs. 0.35/student per year	3.50	7.0	7.0	7.0	3.50	28.00
2.	Contingency @ 2.00 lakhs/annum (1.00 lakhs for <10 students)	2.00	2.00	2.00	2.00	2.00	10.00
3.	Books/Journals @ 1.50 lakhs/annum (1.00 lakhs for <10 students)	1.50	1.50	1.50	1.50	1.50	7.50
4.	Travel(Internal) @ 0.50 lakhs/annum	0.50	0.50	0.50	0.50	0.50	2.50
5.	Visiting Faculty @ 0.40 lakhs/annum	0.40	0.40	0.40	0.40	0.40	2.00
6.	Summer/Winter training (for I year students only) @ 0.50 lakhs/annum (0.25 lakhs for <10 students)	0.50	0.50	0.50	0.50	0.00	2.00
7.	Maintenance Grant @ 3.00 lakhs/annum (I year onwards)	0	3.00	3.00	3.00	3.00	12.00
8.	Thesis grant @ Rs. 0.50 lakhs/student/annum (for II year students only)	0	5.00	5.00	5.00	5.00	20.00
9.	Studentship @ Rs.5,000/student/month	2.50 (for 5 months; Nov 2020-March 2021)	12.00	12.00	12.00	7.50(including 3 months studentship for April to June 2025 for last batch)	46.00
	Total	10.90	31.90	31.90	31.90	23.40	130.00

No. of seats sanctioned = 10/year

Continue...2/-

[Signature]
Assistant Registrar (Academics)
Jaypee University of Information Technology
Waknaghat, Distt. Solan (H.P.)

[Signature]
Dr. Abhishek Kumar Mehta
Scientist 'C'
Department of Biotechnology
Govt. of India
C.G.O. Complex, Lodi Road
New Delhi-110003




Note: In 2020-21 support provided for students admitted in I year only and in 2024-25 support provided for students in final year only.

DBT support for PG teaching Programme beyond March 2021 is subject to appraisal and approval for continuation of scheme beyond March 2021 and approval of EFC for 15th Finance Commission.

2. Dr. Anil Kant, Jaypee University of Information Technology, Himachal Pradesh will be the full time course coordinator for M.Sc. Biotechnology Program and will submit audited utilization certificate and statement of expenditure duly signed by him, finance/ accounts officer and head of the institution in duplicate at the end of financial year. The Head of the institute will communicate change of coordinator to DBT, if any.
3. M.Sc. Biotechnology programme will be implemented in academic session i.e., 2020-21.
MoA will be signed before release of grant.
5. The University is required to implement the programme as per the Mandatory Terms and Conditions given in Annexure-I.
6. The General terms and conditions of grant are enclosed at Annexure-II.
7. As per Rule 236 (1) of GFR 2017, the accounts of all Grantee Institutions or Organisations shall be open to inspection by the sanctioning authority and audit, Both by the Comptroller and Auditor General of India under the provision of CAG (DPC) Act 1971 and internal audit by the Principal Accounts Office of the Ministry or Department. Whenever the Institution or Organisation is called upon to do so.
8. The University will keep the whole of the grant in an interest bearing Bank Account, and the interest so earned should be reported to DBT in the Utilization Certificate and Statement of Expenditure. The interest so earned shall be remitted to Consolidated Fund of India, i.e., Bharatkosh.
9. The domestic travel by Air- India in refundable economy class is admissible under travel expenses as per GOI norms. There will be no international travel undertaken from the grant release under the project.
10. The expenditure involved is debitable to:

Demand No. 88	: Department of Biotechnology,
3425	: Other Scientific Research (2020-2021)
60	: Others (Sub Major Head)
60.200	: Assistance to Other Scientific Bodies (Minor Head)
29	: Biotechnology Research and Development
29.17	: Assistance for Research and Development
29.17.31	: Grants-in-Aid General
29.17.35	: Grants for Creation of Capital Assets


Assistant Registrar (Academics)
Jaypee University of Information Technology
Waknaghat, Distt. Solan (H.P.)


Dr. Abhishek Kumar Mehta
Scientist 'C'
Department of Biotechnology
Govt. of India
C.G.O. Complex, Lodhi Road
New Delhi-110003

Continue...3/-



11. No Utilization Certificate pertaining to this programme is pending with the Institute.
12. All payments to be transferred to all beneficiaries (including all vendors and students) by RTGS only & no payment will be made in cash
13. The agency will enroll in EAT module for Transfer, Expenditure and Advances for management of grant sanctioned for this project by DBT, New Delhi.
14. This issues under powers delegated to this Deptt. and with the concurrence of IFD vide their San no.102/IFD/SAN/2105/2020-21 Dated: 20.01.2021
15. This sanction order has been noted at serial No.....in the register of grants.



(Dr. Abhishek Kumar Mehta)
Scientist-C

Dr. Abhishek Kumar Mehta
Scientist 'C'
Department of Biotechnology
Govt. of India
C.G.O. Complex, Lodhi Road
New Delhi-110003

To
The Pay & Accounts Officer
Department of Biotechnology
New Delhi-110003

Copy forwarded for information/necessary action to:-

1. The Principal Director of Audit (Scientific Dept.), AGCR Building, New Delhi-110 002.
2. Cash Section, DBT (2 copies).
3. IFD, DBT.
4. **The Registrar**, Jaypee University of Information Technology Wakhnaghat, Solan, Himachal Pradesh-173215
5. **Dr. Anil Kant**, Course Coordinator, M.Sc. Biotechnology, Jaypee University of Information Technology Wakhnaghat, Solan, Himachal Pradesh-173215
6. Sanction folder.



Dr. Abhishek Kumar Mehta
Scientist 'C'
Department of Biotechnology
Govt. of India
C.G.O. Complex, Lodhi Road
New Delhi-110003


Assistant Registrar (Academics)
Jaypee University of Information Technology
Wakhnaghat, Distt. Solan (H.P.)



To,
 Sh. G. V. Jaiswal JIP
 26/08/19

031524

1. original copy - Accts.
 2. Photocopy - or Suddi Sgd - R
 Mr. GS Nagi
 26/8

26/8/19



**HIMACHAL PRADESH COUNCIL FOR SCIENCE, TECHNOLOGY ENVIRONMENT
 (HIMCOSTE)**

VIGYAN BHAWAN, NEAR UDYOG BHAWAN, BEMLOE, SHIMLA - 171001

Website: www.himcoste.hp.gov.in

Phone: 0177-2656489 Fax: 0177-2814923

STC/F(1)-1/19-DBT-Vol.II - 965

Dated: 22-08-2019

ORDER

Sanction is hereby accorded for the approval of DBT supported Skill Vigyan Program for Jaypee University of Information Technology, Wagnaghat, Solan at total cost of **Rs. 49.80 Lakhs (Rupees Forty-Nine Lakhs and Eighty Thousand Only)** for three years period. The budget details are given below:

1. Budget Allocation for three years period:

Sr.No.	Name of partner Institution and Training Program	Year wise Budget Allocation (In Lakhs)			Total Budget (In Lakhs)
		First Year	Second Year	Third Year	
Student Skill Training Program/ Technician Training Program					
1.	Jaypee University of Information Technology, Wagnaghat, Solan	16.60	16.60	16.60	49.80
(a)	Quality Control Biologist (15 students per training program* two Training programs/year) Eligibility: B.Sc in Biology/ Biotechnology Studentship as per eligibility: @ Rs. 5000/- p.m. for 3 months for 15 students				
(b)	Lab Technician/Assistant(15 students per training program* two Training programs/year) Eligibility: B.Sc in Biology/ Biotechnology Studentship as per eligibility: @ Rs. 5000/- p.m. for 3 months for 15 students				

BRV 724
 21/08/2020

5000x15x3 = 225000
 5000x15x3 = 225000

Assistant Registrar (Academics)
 Jaypee University of Information Technology
 Wagnaghat, Distt. Solan (H.P.)



(A) Budget Break-up (Component wise):

Student Training Program and technician Training Program (Duration: 3 Months) : ✓

Sr. No.	Heads	Budget for 15 students for one training program/ year (In Rs.)	Budget for 15 students four training programs/ year (In Rs.)
1.	Consumables @ Rs. 10,000/students	1,50,000	1,50,000*4 training programs = 6,00,000
2.	Contingency @ Rs. 50,000/ year	50,000	50,000
3.	Travel Domestic for experts Faculty and Students for field work (@ Rs. 20,000/ year)	20,000	20,000
4.	Visiting Faculty/Experts (@ Rs. 40,000/year)	40,000	40,000
5.	Studentship as per eligibility a) B.Sc in Biology/ Biotechnology@ Rs. 5000/- p.m. for 3 months for 15 students	2,25,000	2,25,000*4 training programs = 9,00,000
6.	Maintenance grant for equipment/ Assets/Accessories	50,000	50,000
	Total:	5,35,000	16,60,000

2
450,000

Certification of Program: Jaypee University of Information Technology, Wagnaghat, Solan will sign the MoA/MoU with HIMCOSTE for implementation of DBT, GoI sponsored Skill Vigyan Program.

(D) Name and address of institution and course coordinator are mentioned below:

Sr. No.	Name of Institution	Name of Course Coordinator and Designation
1.	Jaypee University of Information Technology, Wagnaghat, Solan	Prof. Sudhir Kumar Head, Department of Biotechnology & Bioinformatics

1. MoA will be signed and accepted between Jaypee University of Information Technology, Wagnaghat, Solan and Himachal Pradesh Council for Science, Technology and Environment (HIMCOSTE) before release of first year grant by HIMCOSTE.
2. The institute is required to implement the program as per the terms and conditions given in Annexure-II.
3. Selection of students for under Skill Vigyan Program will be made through Common Entrance Test for Skill Vigyan Program at State Level conducted by HIMCOSTE.


Assistant Registrar (Academics)
Jaypee University of Information Technology
Wagnaghat, Distt. Solan (H.P.)



(1) MoA -

4. The Nodal officer will be the full time course coordinator for Skill Vigyan Program and will submit utilization certificate and statement of expenditure duly signed by competent authorities in duplicate at the end of financial year and consolidated UC & SOE after completion of the program, along with the refund of unspent balance, if any.
5. The Institute will keep the grant in a separate earning interest Bank Account. The interest so earned should be reported to HIMCOSTE in the Utilization Certificate and Statement of Expenditure. The interest so earned will be returned by 31st March every year positively and shall not be adjusted towards subsequent instalment of the grant and/or at the time of Final Settlement of Accounts.
6. The accounts of the program to be maintained by Jaypee University of Information Technology, Wagnaghat, Solan shall be open to inspection by the sanctioning authority/audit.
7. All payments to be transferred to all beneficiaries (including all vendors and students) by RTGS only & no payment will be made in cash.




Member Secretary (EC)
HIMCOSTE, Shimla

Copy to:

1. Vice Chancellor, Jaypee University of Information Technology, Wagnaghat, Solan
2. AC(F&A), HIMCOSTE

Dated:



21/8/19

Member Secretary (EC)
HIMCOSTE, Shimla



Assistant Registrar (Academics)
Jaypee University of Information Technology
Wagnaghat, Distt. Solan (H.P.)





Annexure – II

**HIMACHAL PRADESH COUNCIL FOR SCIENCE, TECHNOLOGY & ENVIRONMENT
(HIMCOSTE)
VIGYAN BHAWAN, BEMLOE, SHIMLA – 171001**

Website: www.himcoste.hp.gov.in
Phone: 0177-2656489 Telefax: 0177-2814923

STC/F(1)-1/19-DBT-Vol.II - 965

Dated: 22.8.2019

Terms & Conditions

Terms & Conditions for Skill Vigyan Program of Department of Biotechnology, GoI for implementation by Jaypee University of Information Technology, Wagnaghat, Solan

1. A Memorandum of Agreement (MoA) will be signed on stamp paper of Rs. 100/- between Jaypee University of Information Technology, Wagnaghat, Solan and HIMCOSTE, Shimla within one month of issue of sanction order (and shall send a copy of the same to HIMCOSTE) for ensuring proper quality teaching, training and placement of Quality Control Biologists and Lab Technician/ Assistants trained under Skill Vigyan Program.
2. The program will receive financial support for three years period only.
3. Number of seats for each training program is fixed as mentioned in the Sanction Order. Selection of students would be made through State Level Combined Common Entrance Test to be conducted by HIMCOSTE. The advertisement to this effect would be published by HIMCOSTE in leading newspapers of the State. Jaypee University of Information Technology, Wagnaghat, Solan will ensure wide publicity of the program through electronic and social media.
4. Reservation of seats for different categories of students would be applicable as per the rules prescribed by Ministry of Human Resource Development, Govt. of India.
5. A monthly studentship shall be paid to each students enrolled under the DBT supported Skill Vigyan Programme as per the eligibility of students for respective training program.
6. The candidates selected for Quality Control Biologist and Lab Technician/ Assistant training program will be required to give an undertaking that they will not avail any fellowship/ studentship from any other funding agency during the training course.
7. Jaypee University of Information Technology, Wagnaghat, Solan shall take all steps to ensure:
 - a. Timely acquisition of equipment i.e., within the period of 12 months.


Assistant Registrar (Academics)
Jaypee University of Information Technology
Wagnaghat, Dist. Solan (H.P.)



1

- b. Proper provision of dedicated laboratory, teaching space and hostel facility for outstation candidates.
 - c. Timely and sufficient procurement of glassware and chemicals for skill training and hands-on practical work.
 - d. Maintenance of standard safety norms for working with radioisotopic materials or recombinant DNA materials.
8. **An Advisory Committee** with the following composition will be constituted by the **Jaypee University of Information Technology, Wahnaghat, Solan:**
- | | |
|-----------------------------------------------------------------------------------------|-------------------|
| I. Director of the Institution | - Chairman |
| II. HIMCOSTE Representative (1-2) | -Member |
| III. Internal/ External Experts (2) | -Member |
| IV. Industrial Representatives (1) | -Member |
| V. Representative from Life Science Sector
Skill Development Council (LSSSDC) (1-2) | -Member |
| VI. Nodal officer from Jaypee University of
Information Technology, Wahnaghat, Solan | -Member-Secretary |
9. Above committee should meet at least once a year, preferably before commencement of academic session/training program. Proceedings of the meeting would be mandatorily communicated to HIMCOSTE.
 10. The Nodal Officer of Jaypee University of Information Technology, Wahnaghat, Solan will coordinate program activities with LSSSDC for getting the institute affiliated with LSSSDC by fulfilling the required protocols & mandatory compliances and paying assessment fee. LSSSDC will facilitate the training programs and assess the trained candidates and provide the NSQC approved vocational qualifications to the passed students
 11. He will submit utilization certificate, statement of expenditure and annual progress report at the end of each training program as well as at the end of financial year to HIMCOSTE.
 12. HIMCOSTE reserves the right to terminate the project at any stage, if it is convinced that the funds have not been properly utilized or appropriate progress has not been made for the purpose. In such a case, the institute will refund the full amount released to them.
 13. Jaypee University of Information Technology, Wahnaghat, Solan may invite faculty members from amongst other institutions in HP implementing the DBT supported Skill Vigyan Programs as visiting faculty member, if needed.
 14. **Skill Certification and Placement Cell** shall be established in Jaypee University of Information Technology, Wahnaghat, Solan for organizing the certification/assessment of trainees after successful completion of skill training programs and placement. The Skill


Assistant Registrar (Academics)
Jaypee University of Information Technology
Wahnaghat, Distt. Solan (H.P.)



Certification and Placement cell will function under the supervision of Nodal Officer of the institute and ensure appropriate placement of trainees.

15. The Institute will keep the entire grant in a **separate interest earning Bank Account**, and the interest earned should be reported to HIMCOSTE in the UC and SoE. The interest so earned will be returned by 31st March every year positively and shall not be adjusted towards subsequent installment of the grant and/or at the time of Final Settlement of Accounts.
16. Annual recurring outlays as shown in the sanction order are indicative and by no means the Institution can stake claim on it. Release will however be subject to utilization of previous grants. All recurring grants for the financial year shall be utilized in the same financial year. A carry forward of unspent grants will be done with prior approval of HIMCOSTE.
17. Maintenance of equipment and other assets shall be the responsibility of the **host institute**. No disposal/transfer shall be affected or encumbrance shall be made without **prior** specific written **approval** of HIMCOSTE.
18. Grantee institution shall maintain the **grant register** and follow the GFR 2017 for submission of utilization certificate and statement of expenditure to HIMCOSTE. Jaypee University of Information Technology, Wahnaghat, Solan will also submit the consolidated utilization certificate and statement of expenditure, annual progress report after completion of project.
19. As per Rule 236 (1) of GFR 2017, the accounts of all Grantee Institutions shall be open to inspection by the sanctioning authority and audit, both by the Comptroller and Auditor General of India under the provision of CAG (DPC) Act 1971 and internal audit by the Principal Accounts Office of the Ministry or Department whenever the Institution or Organization is called upon to do so. Utilization of grants, maintenance of accounts, performance shall be audited by Controller or Auditor General of India in terms of GFR 149 and the host institute shall provide all documents for proper conduct of audit.
20. All the payments will be transferred to beneficiaries through RTGS in Aadhar linked bank account only & no payment will be made in cash/cheque.

21/8/19

Member Secretary (EC)
HIMCOSTE, Shimla

PI - Dr. Sudhir K.
CO PI - Dr. Rahul Singh
Dr. Gopal Singh Bisht


Assistant Registrar (Academics)
Jaypee University of Information Technology
Wahnaghat, Dist. Solan (H.P.)

