3.2.2: Grants for research projects sponsored by government agencies during the last five years (INR in Lakhs)

e-copies of the grant award letters for research projects sponsored by government agencies

The Centre for Entrepreneurship Development
(A Government of Gujarat Organization)
ઉદ્યોગસાહસિકતા વિકાસ સંસ્થાન
(ગુજરાત સરકાર દ્વારા સંચાલિત)

CED
Since 1979

Dr. R. N. Prasad
M. Tech, MBA, Ph.D
Director

CED/5SLIC/SCH2/Jyoti/MKP/ NC/332
19th June,2017
22nd

To,
Mr. Parakramsinh Jadeja,
Chairman and Managing Director,
Jyoti CNC Automation Limited,
G-506 ,Lodhika GIDC,
Village : Metoda,
Rajkot - 360 021

Subject: Assistance for Setting up Skill Development Center

Reference:
1. Government G.R No.CED-112015-54553-I dated 01.04.2015
2. Your Application dated 17.03.2017.
3. Minutes of the 5th State Level Implementation Committee Meeting dated 11th April, 2017.

Dear Sir,

Kindly refer to your proposal for Government Assistance ***for setting up Short-term Bridge Courses*** under the Scheme for Enhancement of Technical Competence and Manpower, Gujarat Industrial Policy, 2015.

The State Level Implementation Committee (SLIC) constituted for the Scheme for Enhancement of Technical Competence and Manpower by Government under the Gujarat Industrial Policy 2015, Government of Gujarat vides GR no. CED-112015-24553-I, dated 01.04.2015, in its 5th meeting held on dated 11th April,2017 approved your proposal for Government support of maximum **Rs. 100.00 lacs (Rupees One hundred lacs only) subject to expert view of Gujarat Technological University** under the scheme no. 2 *"Short-term Bridge Courses by Industries/Institute"* in the area of **Foundry Sector** at **Marwadi University, Rajkot Morbi Highway, Gauridad, Rajkot 360003** (Host Institute) to generate skilled and trained manpower.

1. **JYOTI CNC AUTOMATION LIMITED (Applicant)** has to follow the guidelines given in the G.R. no. CED-112015-24553-I, dated 1st April, 2015 and its amendments/modification, if any, time to time. Applicant has also to follow the directives given by State Level Implementation Committee, time to time.

H. O. : Block No.1, 9th Floor, Udyog Bhavan, Sector-11, Gandhinagar-382017
Ph.: 079-23256672, Fax: 079-23256679, (M) 9978408389, Email: dir-ced@gujarat.gov.in, directorcedguj@gmail.com, Website: www.ced.gujarat.gov.in

Campus : Plot No. 87&88, Naroda GIDC, Nr. Samrat Namkeen, Reliance Road, Naroda, Ahmedabad-382330
Ph.079-22814137 E: naroda.ced@gmail.com
Regional Offices: Ahmedabad: ahd-ced@gujarat.gov.in Vadodara: brd-ced@gujarat.gov.in Surat: srt-ced@gujarat.gov.in
Rajkot: rjt-ced@gujarat.gov.in Bhavnagar: bhv-ced@gujarat.gov.in

2. **The estimated cost of project and means of finance will be as under:**

Amount Rupees in Lacs

Sr. No.	Details of Cost (Annexure-1)	Proposed Amount	Eligible Amount
1	Cost of New Machinery & Equipment	130.88097	130.88097
2	Cost of Tools	0.50000	0.50000
3	Cost of Furniture and Fixture	3.00000	3.00000
4	Cost of Electrification	2.95340	2.95340
	Total	**137.33437**	**137.33437**

Means of Finance:

- Applicant Contribution: Rs. 137.33 lacs x 25% = Rs. 34.34 lacs but applicant contribution is **Rs. 37.33 lacs**
- Government Support: Rs. 137.333 lacs x 75%= *Rs. 103.00 Lacs but maximum Government support is **Rs. 100.00 lacs**

  Maximum support under the Scheme-2 is limited up to Rs. 100.00 lacs

3. Courses/Skill initiative as proposed/indicated at Annexure-2 (Prescribed by NSDC/MES-NCVT/GCVT/SSC or Other authorized body only).
4. The release of Government support shall be on pro rata basis and subject to submission of Chartered Accountant Certificate.
5. **The Terms and Condition for the said assistance will be as per the G.R. & as specified below:**

5.1 Role of Industry Partner

I. A separate bank account is to be opened for the training purpose/center in name of Skill training Center.

II. To Contribute minimum 25% of the cost of machinery & equipment including classroom furniture &fixture and cost of refurbishing of building.

III. Industry Partner shall have to sponsor minimum of 25% intake capacity of course and provide employment at least 75% of sponsored trainees.

IV. Industry Partner shall have to train the faculty of the Host Institution for capacity building.

V. Industry Partner shall have to facilitate for in plant practical training to the trainees.

VI. Industry partner shall have to carry out 3rd Party Skill Assessment on completion of the course through empaneled body/Experts under NSDC/NCVT/GCVT/SSC and others National & International body as approved by SLIC.

THE CENTRE FOR ENTREPRENEURSHIP DEVELOPMENT Gandhinagar

5.2 Role of Host Institute:

I. The role of Host Institute is to provide all appropriate infrastructure and environment to run training activity.

II. The Host Institute has to provide dedicated staff/faculty for running skill development activities.

Other Terms and Conditions

I. The attendance record should be maintained through an electronic/biometric attendance system/MIS as prescribed by CED, time to time.

II. Applicant cannot take benefit for Training activities from any other Government/Government bodies for the same purpose.

III. The assistance granted should only be used for the purpose for which it has been sanctioned.

IV. Applicant has to submit progress reports in details as per the schedule prescribed by CED, time to time.

V. Minimum placement/self-employment criteria should be of 75% of total trainees trained/skill assessed. A placement criterion is excluded in case of up skilling for existing employees. Up skilling candidates are allowed maximum up to 30% of total trainees trained.

VI. Applicant must provide copy of appointment letter as a proof of placement of trainees trained. In case of self-employment candidates should submit required proof of document like registration certificate for EM part-1/Udyog Aadhaar/Shop & Establishment /Proprietorship/Partnership etc. Further in case of up skilling of existing employees a proof of employment record is to be provided. **Placement criteria are defined by CED and are attached herewith.**

VII. Applicant is also eligible for Scheme no. 7 "Assistance for Tuitions fees for Enhancement of Skill" subject to fulfilling above G.R. criteria and availability of necessary infrastructure. For this purpose, prior intimation form CED/Industries Commissionerate is required.

VIII. Project completion certificate, once implemented, should be submitted within one month of time, duly endorsed by Charted Accountant.

IX. Failure in implementation this project by next 6 months, without any justification, will be treated as invalid.

For The Centre for Entrepreneurship Development

Accepted by

21/01/17

Director

Authorized Signatory
(With Seal)

THE CENTRE FOR ENTREPRENEURSHIP DEVELOPMENT
Gandhinagar

Proposed Project Cost

Cost of New Equipment & Machineries:

Sr. No.	Name	Specification	Supplier / Brand	Quantity	Cost per item	Total Cost in Rs.
1	3D Printer	ProtoCentre 999 Dual Extruder 3D printer Build volume (XYZ) 230 X 230 X 230 mm cube Printing material: ABS PLA HIPS Nylon PC	Aha 3d	1	199675	199675
2	3d Scanner with turn table	David (HP) SLS3 with turn table scan accuracy: up to 0.05mm Scan resolution: up to 0.05mm scan size 60 to 500mm	Think 3D	1	587000	587000
3	Data tracker	USB memory for easy data & program transfer.Dual Channel Isolation Technology.2x Serial 'Smart Sensor' ports User Definable allocation of memory size & mode.Web Interface. FTP for automatic data transfer .Modbus for sensors and SCADA connection. SDI-12 (multiple networks). Up to 48 Analog (± 30V) sensor inputs .Expandable to 800 analog inputs .12 Flexible Digital channels	Aimil ltd instrmentatin and technologies.	1	293500	293500
4	VMC	MODEL: MTE 4040H	Maheer technologies	1	840000	840000

Sr. No.	Name	Specification	Supplier / Brand	Quantity	Cost per item	Total Cost in Rs.
		POWER 5.5 KW (WATER COOLED) MAXIMUM SPEED 24000 RPM X AXIS:400 MM Y AXIS:400 MM Z AXIS:300 MM				
5	Auto Cast	• 3D modeling of primitive parts import of complex parts (.STL file) • MODULES: PART MOLD FEED GATE FLOW+ REPORT • DATABASES: All major metal families processes molds sleeves	3D Foundry Tech Pvt. Ltd.	1	1590000	1590000
6	Sieve analysis	USE: To find out AFS (Fineness No. – Average Grain Size) of sand SPECS: Vibrator with Motor - 1/8 Hp Single Phase Sieve Set as per ISS No 53 75 106 150 212 300 425 600 850 1700 Micron. Dia. 200 mm with LID & PAN OR (Sieves As Per Requirement) Timer 0-15 Min.	MADRAS METALLURGICAL SERVICES PVT LTD	1	41400	41400
7	PERMEABILITY TESTER	USE: To determine porosity in Raw sand Green No-bake sand. SPECS: With Air Tank Water Tank Manometer Unit Permeability Chart 2 Orifices And Syphon Unit	MADRAS METALLURGICAL SERVICES PVT LTD	1	21275	21275

THE CENTRE FOR ENTREPRENEURSHIP DEVELOPMENT Gandhinagar

Sr. No.	Name	Specification	Supplier / Brand	Quantity	Cost per item	Total Cost in Rs.
8	ALLUMINIUM MOLDING BOX	20 x 20 x 4.5	Kelsons engineers and fabricators	1	20550	20550
9	Core sand Mixer	50KG capacity	Kelsons engineers and fabricators		90000	90000
10	MATCH PLATE with Pattern	20*20 size	Kelsons engineers and fabricators	1	15000	15000
11	MOULD HARDNESS TESTER (DIGITAL) ('B' SCALE)	USE: To determine surface hardness of Green Mould. SPECS: Digital Dial Indicator To Measure Hardness of Mould 0 - 100 No	MADRAS METALLURGICAL SERVICES PVT LTD	1	11500	11500
12	Induction Furnace	15 KW Advance Highly efficient designs IGBT based digital controlled power unit. Crusible:- 5 Kg Digital energy monitoring system	R A Induction	1	682500	682500
13	Bottom pouring Type stir casting machine with vacuum squeeze & rotary centrifugal casting attachments & accessories for MMC in Aluminum & Magnesium	Max. capacity of melting pot -0.8 to 2 kg of Aluminium or Magnesium Continuous operating temp. - 950 440v 3-phase variable stirrer speed 100 to 1500 rpm	Swan Equip.	1	1954575	1954575
14	UNIVERSAL TESTING MACHINE MODEL SE UTE-1000 KN	Test capacity:- 1000 KN	MADRAS METALLURGICAL SERVICES PVT LTD	1	1118950	1118950
15	ROCKWELL HARDNESS TESTER MODEL SE RASN – DIGITAL	Preliminary test force: 98.07 N Additional test force: 490.3 882.6 1373N (50 90 140 kgf)	MADRAS METALLURGICAL SERVICES PVT LTD	1	201250	201250

Sr. No.	Name	Specification	Supplier / Brand	Quantity	Cost per item	Total Cost in Rs.
16	Vicker hardness tester	Test Loads : 510203050 kg Magnification of optical projection : 70x Max.Test Height (mm) : 200 Scale least count (mm) : 0.001 Depth of throat (mm) : 133 Dimensions of Machine (mm) : L595 x W 290 x H 860 Weight (Approx) : 73 kg Power Supply : 220V AC 50 Hz 1 – phase	MADRAS METALLURGICAL SERVICES PVT LTD	1	207000	207000
17	Impact test [Izod]	Pendulum Effective Weight (Kg.) 21300 Striking Velocity of Pendulum (m/ Sec):- 3.994	Gujarat Metco	1	504000	504000
18	Metallurgical Microscope	CO-AXIAL TRINOCULAR RESEARCH METALLURGICAL MICROSCOPE MODEL VISION PLUS 5000 TMM AS per the catalogue attched.	MADRAS METALLURGICAL SERVICES PVT LTD	1	258750	258750
19	Double Disc Polishing Machine	RPM : 2000 RPMVariable RPM Controller Model : G-1313	Gujarat Metco	1	37470	37470
20	Spectrometer	Spectral Range:7800 to 350cm^{-1} Resolution: Better than 0.85 cm^{-1} Wave number Precision : ±0.01CM^{-1} Scanning Speed: 5-	LABTRONICS	1	1008000	1008000

Sr. No.	Name	Specification	Supplier / Brand	Quantity	Cost per item	Total Cost in Rs.
		step adjustable for different				
21	Hand held XRF Alloy Analyzer	4W X-ray tube <145 eV FWHM @ 5.95 keV Mn line Calibration sample 316 stainless steel Large area silicon drift detector	Lab India	1	1800000	1800000
22	UT [Ultrasonic testing]	Single ray pulse. Einstine-II	Gujarat Metco-ModSonic	1	175123	175123
23	MpT [Magnetic Particle testing]	440mm x 330mm x 125 mm pole spacing: 0 to 200nm duty cycle: 50% on 5 minute Test process: Dry or wet	Gujarat Metco	1	18400	18400
24	LPT [Liquid pentrant testing]	3 bottle [cleaner pentrant and devloper]	Gujarat Metco	1	900	900
25	Digital Vernier Calipar	0-150 mm	Marck Instruments	1	3360	3360
26	Digital Micrometer	0-25 mm	Marck Instruments	1	5670	5670
27	Digital Height gauge	0-300 mm	Marck Instruments	1	19110	19110
28	Plunger Type Dial gauge	0.01 mm	Marck Instruments	1	2415	2415
29	Digital Thermometer	Temp. measurement	Marck Instruments	1	1155	1155
30	Arduino Mega Processor	Mega 2560 R3 board + USB cable	Arduino	4	3150	12600
31	Air compressor for VMC [10 bar]	RPM: 1000, Presser in PSIG 17, Mounting: F Tank-150 Ltr, Starter Type: DOL, 3 HP Motor	P. Prabhudas Engg. Pvt. Ltd.	1	68500	68500
32	3d Printing Filament		Raiyaraj enterprise	1	1200	1200
33	Square Wood [4'' 3'']		Local Market	20	300	6000
34	Moulding Box		Local Market	1	3000	3000
35	Green Sand		Western Minerals	200 Kg	100	2000

Sr. No.	Name	Specification	Supplier / Brand	Quantity	Cost per item	Total Cost in Rs.
		step adjustable for different				
21	Hand held XRF Alloy Analyzer	4W X-ray tube <145 eV FWHM @ 5.95 keV Mn line Calibration sample 316 stainless steel Large area silicon drift detector	Lab India	1	1800000	1800000
22	UT [Ultrasonic testing]	Single ray pulse. Einstine-II	Gujarat Metco-ModSonic	1	175123	175123
23	MpT [Magnetic Particle testing]	440mm x 330mm x 125 mm pole spacing: 0 to 200nm duty cycle: 50% on 5 minute Test process: Dry or wet	Gujarat Metco	1	18400	18400
24	LPT [Liquid pentrant testing]	3 bottle [cleaner pentrant and devloper]	Gujarat Metco	1	900	900
25	Digital Vernier Calipar	0-150 mm	Marck Instruments	1	3360	3360
26	Digital Micrometer	0-25 mm	Marck Instruments	1	5670	5670
27	Digital Height gauge	0-300 mm	Marck Instruments	1	19110	19110
28	Plunger Type Dial gauge	0.01 mm	Marck Instruments	1	2415	2415
29	Digital Thermometer	Temp. measurement	Marck Instruments	1	1155	1155
30	Arduino Mega Processor	Mega 2560 R3 board + USB cable	Arduino	4	3150	12600
31	Air compressor for VMC [10 bar]	RPM: 1000, Presser in PSIG 17, Mounting: F Tank-150 Ltr, Starter Type: DOL, 3 HP Motor	P. Prabhudas Engg. Pvt. Ltd.	1	68500	68500
32	3d Printing Filament		Raiyaraj enterprise	1	1200	1200
33	Square Wood [4'' 3'']		Local Market	20	300	6000
34	Moulding Box		Local Market	1	3000	3000
35	Green Sand		Western Minerals	200 Kg	100	2000

Sr. No.	Name	Specification	Supplier / Brand	Quantity	Cost per item	Total Cost in Rs.
36	Dry Sand		Western Minerals	50 Kg	100	1000
37	Dry silica sand [Resin coated]		Western Minerals	50 Kg	50	2500
38	Core-set oil		Western Minerals	10 Lr.	200	2000
39	3-part binder Garset-A [40 Kg] Garset-B [4 Kg] Garset-C[400 gm]		Shah brothers rajkot	45 Kg	150	6750
40	Sensor	For Data Acquisition system [Temperature humidity RPM]	Local supplier		50000	50000
41	Lm-6 Ingot		Local Market	10 Kg	250	2500
42	Miscellaneous	Foundry safety VMC tool Rammer other foundry material like plunger chaplet etc.	Local Market		50000	50000
43	Desktop PC	Lenovo (C 40-30) All in One Desktop (Core i5 3rd Generation/1 TB/4 GB/21.5 inch screen/Windows 8.1)	Lenovo	20	46261	925220
44	Laptop	Lenovo- 500 14 Intel Core i5 Processor (6th Gen) 4 GB DDR3 RAM 64 bit Windows 10 Operating System 1 TB HDD 14 inch Touchscreen Display	Lenovo	2	57000	114000
45	Printer	Canon imageCLASS MF621Cn 3 in 1 Color Print-Copy & Scan 600 x 600dpi	Canon	1	43999	43999

THE CENTRE FOR ENTREPRENEURSHIP DEVELOPMENT Gandhinagar

Cost of Furniture & Fixture :

Sr. No.	Name	Description	Supplier / Brand	Quantity	Cost per item	Total Cost in Rs.
1	Classroom & Lab furniture	Customize Table Chair Partition work etc.	local	Labor cost with material	300000	300000
					Grand Total Cost	**300000**

Cost of Electrification :

Sr. No.	Description	Quantity	Cost per item	Total Cost in Rs.
1	Computer lab and Foundry lab (Metal Casting) wiring (material with labor cost)	600 sq. ft.	170 per sq. ft.	102000
2	Earthing	1	8000	8000
3	Air conditioner for computer lab & Foundry Lab	6	30890	185340
			Grand Total Cost	**295340**

THE CENTRE FOR ENTREPRENEURSHIP DEVELOPMENT Gandhinagar

Proposed Course Details:

Sr No	Name of Subject	Duration of course In Hrs.	Batches per year	No of Trainees per batch	Fees per trainee in Rs.	Certification	Min. Qualification/ Age
1	Rapid Casting: (Tooling; Methoding; Automation & Simulation)	126	4	20	15000	GTU/ Marwadi University	12th & ITI /18
2	Rapid Tooling in Metal Casting	42	3	20	5000	GTU/ Marwadi University	12th & ITI /18
3	Rapid Methoding in Casting	42	3	20	5000	GTU/ Marwadi University	12th & ITI /18
4	Rapid Casting – Automation & Simulation	42	5	20	5000	GTU/ Marwadi University	12th & ITI /18
5	Inspection & Quality Control in Metal Casting	42	5	20	5000	GTU/ Marwadi University	Diploma/18
6	*Need based customized courses as per industry requirement	42 to 126	7	20	5000 to 15000	Marwadi University	8th pass, min 5 year exp./18

*Course Curriculum will be prepare/modified as per the demand of industry.

THE CENTRE FOR ENTREPRENEURSHIP DEVELOPMENT Gandhinagar

FILE NO. IMRC/AISTDF/CRD/2018/000012
AISTDF Secretariat
Science & Engineering Research Board (SERB)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 23-May-2019

No. IMRC/AISTDF/R&D/P-1/2017

ORDER

Approval of the Chairman AISTDF (Secretary DST) is hereby accorded for implementation of the ASEAN-India Collaborative research project entitled "Graphene metasurface based biosensor devices" for a total amount of Rs. 1746192/- (Rs. Seventeen Lakh Forty Six Thousand One Hundred and Ninety Two Only) for period of 2 years from the date of issue of this sanction order.

The composition of the project team(s) is as below:

INDIA
Lead PI

Dr. SHOBHITKUMAR KIRITKUMAR PATEL
Marwadi Education Foundation,Rajkot-Morbi Road, Opp Mahadev Wadi, Gauridad, Rajkot,Gujarat,Rajkot-360003 , Rajkot-morbi road, opp mahadev wadi, gauridad, rajkot, Rajkot, Gujarat-360003

Other Participant

To Be Appointed Later

ASEAN MS-1

Lead PI
Prof. Ranjan Singh
Nanyang Technological University Division of Physics and Applied Physics School of Physical and Mathematical Sciences 21 Nanyang Link Singapore-637371

ASEAN MS-2

Lead PI
Dr. Rozalina Binti Zakaria
UNIVERSITY OF MALAYA LEMBAH PANTAI, 50603 KUALA LUMPUR

The change/ replacement of project participants is not allowed. The participating scientists should be working on the project and affiliated with the Institute/University holding the indicated position at the time of start of the project as well as at the time of exchange visits under the project. The project grant can be utilized only for the approved items /visits of participating scientists, as mentioned above.

The break-up of estimated expenditure is as indicated below-

1. Mobility budget:

Year : 1

Name	Source Country	Destination Country	No. of Days	Airfare, Visa Fee etc	Accomodation, per-diem etc	Total Amount
Dr. SHOBHITKUMAR KIRITKUMAR PATEL	India	Singapore	14	35000	70000	105000
Prof. Ranjan Singh	Singapore	India	14	35000	70000	105000
Dr. Rozalina Binti Zakaria	Malaysia	India	14	35000	70000	105000
Dr. SHOBHITKUMAR KIRITKUMAR PATEL	India	Malaysia	14	35000	70000	105000

Year : 2

Name	Source Country	Destination Country	No. of Days	Airfare, Visa Fee etc	Accomodation, per-diem etc	Total Amount
Prof. Ranjan Singh	Singapore	India	14	35000	70000	105000
Dr. SHOBHITKUMAR KIRITKUMAR PATEL	India	Malaysia	14	35000	70000	105000
Dr. SHOBHITKUMAR KIRITKUMAR PATEL	India	Singapore	14	35000	70000	105000
Dr. Rozalina Binti Zakaria	Malaysia	India	14	35000	70000	105000

2. Research Grant:

S. No	Head	Year-I	Year-II	Total Budget Sanctioned (in INR)
A	**Non-recurring (Capital Items)**			
1	Equipment	0	0	0
	Total - Non - recurring grant			***0***
B	**Recurring Items**			
1	Manpower	431520	431520	863040
2	Consumables	0	0	0
3	Contingencies	0	0	0
4	Other Cost	0	0	0
	Total (Manpower, Consumables, Contingencies, Other Cost)			863040
C	**Overhead Expenses (5% of Non-travel expenses)**	21576	21576	43152
	Total cost of the project (Without Travel)	453096	453096	**906192**

3. Overall Budget:

S. No	Head	Year-I	Year-II	Total Budget Sanctioned (in INR)
A	**Non-recurring (Capital Items)**			
1	Equipment	0	0	0
	Total - Non- recurring grant			***0***
B	**Recurring Items**			
1	Manpower	431520	431520	863040
2	Consumables	0	0	0
3	Travel (Domestic and International)	420000	420000	840000
4	Contingencies	0	0	0
5	Other Cost	0	0	0
	Total-I (Travel - Domestic and International)			840000
	Total-II (Manpower, Consumables, Contingencies, Other Cost)			863040
C	**Overhead Expenses (5% of Non-travel expenses)**	21576	21576	43152
	Total cost of the project	873096	873096	**1746192**

Sanction of the Chairman-AISTDF is also accorded for the release of **Rs. Rs. 873096/- (Rupees Eight Lakh Seventy Three Thousand and Ninety Six only)** as first year grant.

The release of this grant is subject to:-

1. No re-appropriation of funds from one sub-head to another is allowed.
2. Obtaining prior approval of the AISTDF Secretariat for all project related visits to be undertaken by the scientist(s) from the either side in connection with the implementation with of this project, separately through online system (aistic.gov.in), at-least 4 weeks in advance before incurring any expenditure for this purpose.
3. Submission of Utilization Certificate (UC) and a Statement of Expenditure (SE) along with up-to-date progress report at the end of each financial year for the grants already received under the project and seeking specific approval of this Department for carry forward of unspent funds to the next financial year for utilization under the project
4. The international / domestic air-travel pertaining to visits under this project is to be performed by lowest economy class by shortest route.
5. The grantee Institute/University shall maintain separate audited accounts for the project and the amount of grant will be kept in a bank account earning interest. The Interest earned should be reported to AISTDF Secretariat while submitting the SE/UC. The Interest thus earned will be treated as a credit to the institute to be adjusted towards further instalment of grant.
6. The accounts of the grantee institution shall be open to inspection by the sanctioning authority /audit whenever the institution is called upon to do so, as laid down under Rule 211 of General Financial Rules.

The expenditure involved is to be debited "Grant-in-Aid" sub-head of the ASEAN-India Science & Technology Development Fund (AISTDF) during the current financial year 2019-20

The Sanction has been issued to Marwadi Education Foundation, Rajkot-Morbi Road, Opp Mahadev Wadi, Gauridad, Rajkot with the approval of the competent authority under delegated powers on **22 May, 2019** and vide Diary No. **SERB/F/834/2019-2020** dated **22 May, 2019**

The release amount of **Rs. 873096/-** (Rupees Eight Lakh Seventy Three Thousand and Ninety Six only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	**MEFGI FACULTY OF ENGINEERING**
Account Number	**313220110000012**
Bank Name & Branch	**BANK OF INDIA MARWADI EDU CAMPUSBANK OF INDIA MARWADI EDUCATION CAMPUS VILLAGE GAURIDAD DIST RAJKOTPIN NO 360003**
IFSC/RTGS Code	**BKID0003132**
Email id of A/C Holder	**registrar@marwadieducation.edu.in**
Email id of PI	**shobhitkumar.patel@marwadieducation.edu.in**

(Raj Kumar Sharma)
Member Secretary(AISTDF)

To,
Under Secretary
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1. The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002

2. Sanction Folder, SERB , New Delhi.

3. File Copy

4. **Dr. SHOBHITKUMAR KIRITKUMAR PATEL**
Electronics and Comm
Marwadi Education Foundation,Rajkot-Morbi Road, Opp Mahadev Wadi, Gauridad, Rajkot,Gujarat,Rajkot-360003 , Rajkot-morbi road, opp mahadev

wadi, gauridad, rajkot, Rajkot, Gujarat-360003
Email: shobhitkumar.patel@marwadieducation.edu.in
Mobile: 917435855995

Director/Registrar

5. **Marwadi Education Foundation, Rajkot-Morbi Road, Opp Mahadev Wadi, Gauridad, Rajkot**

(Receipt of Grant may be intimated by name to the undersigned)

(Raj Kumar Sharma)
Member Secretary(AISTDF)

Close | Send Sanction Letter to DDO | Print

Marwadi University

To,

Dr. Amit Sata

Mechanical Engineering

Marwadi University

Rajkot

Date:07-Jan-2021

Subject: Approval of Startup titled **Udyog 4.0 LLP**

Dear Dr. Amit Sata,

Marwadi University Centre for Innovation, Incubation and Research is delighted to inform you that your application of Startup **Udyog 4.0 LLP** submitted has been approved during University Level Scrutiny Committee (ULSC) meeting held on **07-Jan-2021.**

Total recommended fund for the project by ULSC is **Rs 20,00,000** under **Startup Gujarat Scheme Nodal IC**

Kindly note approval reference number **MU/NODALIC/2020-21/1** for future communication.

Mr. Naresh Jadeja
Registrar,
Marwadi University

Rajkot -Morbi Highway Road, Rajkot, Gujarat, India 360003
info@marwadiuniversity.ac.in | www.marwadiuniversity.ac.in
+91 89800 30090 | +91 281 7123456

Gmail

Rameshkumar Bhoraniya <rameshbhoraniya@gmail.com>

SERB-Notification

3 messages

Dr. Pankaj Rawat <ms_cmer@serbonline.in> Fri, Jan 15, 2021 at 4:34 PM
To: serbinfo1@gmail.com

Science and Engineering Research Board

(Statutory Body Established Through an Act of Parliament : SERB Act 2008)
Department of Science and Technology, Government of India

SCIENCE & ENGINEERING RESEARCH BOARD (SERB)

(Statutory Body Established Through an Act of Parliament : SERB Act 2008)

Science and Engineering Research Board
5 & 5A, Lower Ground Floor
Vasant Square Mall
Sector-B, Pocket-5
Vasant Kunj
New Delhi - 110 070

Approval Letter

File Number: CRG/2020/005698

Dated: 15-Jan-2021

Subject: Project titled "Effect of oblique non-uniform suction and injection on the global stability of the flat-plate boundary layer ".

Dear Dr. Rameshkumar Muljibhai Bhoraniya,

The project cited above has been recommended by the related **Core Research Grant** to the Science and Engineering Research Board (SERB) for funding. The following are the items recommended for a period of 3 years. The final budget to be sanctioned would be based on quotations received, existing norms, funds availability etc.

The committee recommended the following budget

Manpower : Rs. 1164000
-> Junior Research Fellow - 1
Equipment Details : Rs. 500000
-> Workstation - 1
Consumables : Rs. 30000
Travel Cost : As per norms
Contingencies : As per norms
Overhead : As per norms

You need to accept the above budgetary allocation before proceeding further. To accept the budgetary recommendations , you may follow the following steps :

1. Go to www.serbonline.in through your credentials

2. Go to Menu --> Proposal submission --> View submitted proposals

3. Click on the link under Status column "Proposal Approved, Acknowledgment pending from PI"'

You are requested to upload the following documents of the approved budget strictly within 15 days from the date of this letter.

1. Upload the lowest quotation for equipment/s (including freight, insurance, customs charges etc., if any).
2. Salary structure for the project staff (including HRA, Medical Benefits, if applicable etc.).
3. A certificate stating that any visit abroad for a period more than eight weeks would be undertaken after due permission from SERB, may also be submitted.
4. RTGS details of the implementing institute to facilitate transfer of the fund as per the template.
5. Any other documents (as detailed bellow specific the programme concerned).

SERB has adopted the Scientific Social Responsibility (SSR) Policy which mandates SERB Grantees to undertake some SSR activities during their project period. You are requested to read the SSR guidelines available under SSR menu and choose the activities according to your preference. Depending on the activity chosen, additional budget would be provided under separate head to carry out the chosen activities. Please note that choosing the SSR activities is mandatory for issue of financial sanction subject to submission and acceptance of other necessary documents

Kindly upload the documents related viz., animal ethical clearance certificate, institutional bio safety clearance certificate, etc., matching with exact approved title of project submitted to SERB.

If the project does not require (viz., animal ethical clearance certificate, institutional bio safety clearance certificate, etc.,) please confirm with a self-certification saying that it does not involve any animal/human studies or genetic modification in any organisms or bio safety issues.

(Kindly note that during the issue of sanction order or during the implementation of this project, if SERB come across/found that the project work involves/requires animal/human studies or genetic modification in any organisms or bio safety issues, RCGM approval/ approval from Biodiversity Management Committee Environmental clearance, the project may be terminated without any notice.)

Please note that release of grant is subject to availability of funds under the scheme. Kindly quote the reference number in all future correspondence. The project's reference no. **CRG/2020/005698** may also be mentioned in all research communications arising from the above project.

Yours sincerely,

(Dr. Pankaj K. Rawat)

Email: ms_cmer@serbonline.in

Dr. Rameshkumar Muljibhai Bhoraniya

Mechanical Engineering

Marwadi Education Foundation , Rajkot-morbi Road, Opp Mahadev Wadi, Gauridad, Rajkot, Rajkot, Gujarat-360003

********** LEGAL DISCLAIMER **********

Please do not reply to this mail !!

[SERB is now on Social-Media. Kindly follow us on Twitter: @serbonline https://www.twitter.com/serbonline]

Rameshkumar Bhoraniya <rameshbhoraniya@gmail.com> Fri, Jan 15, 2021 at 5:06 PM
To: Vinod Narayanan <vinod@iitgn.ac.in>

[Quoted text hidden]

Rameshkumar Bhoraniya <rameshbhoraniya@gmail.com> Fri, Jan 15, 2021 at 5:14 PM
To: rajendrasinh.jadeja@marwadieducation.edu.in

---------- Forwarded message ---------
From: **Dr. Pankaj Rawat** <ms_cmer@serbonline.in>
Date: Fri, Jan 15, 2021 at 4:34 PM
Subject: SERB-Notification
To: <serbinfo1@gmail.com>

[Quoted text hidden]

FILE NO. CRG/2020/005698

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(A statutory body of the Department of Science & Technology, Government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 03-Mar-2021

ORDER

Subject: Financial Sanction of the research project titled "**Effect of oblique non-uniform suction and injection on the global stability of the flat-plate boundary layer** " under the guidance of Dr. Rameshkumar Muljibhai Bhoraniya, Mechanical Engineering , Marwadi Education Foundation , Rajkot-morbi road, opp mahadev wadi, gauridad, rajkot, Rajkot, Gujarat-360003 and by Dr. Vinod Narayanan, Associate Professor, Mechanical Engineering, Indian Institute Of Technology, Gandhinagar - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 2201210/- (Rs.** Twenty Two Lakh One Thousand Two Hundred and Ten **Only)** with break-up of **Rs. *497100/*- under Capital (Non-recurring) head** and **Rs.*1704110/*- under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 2201210/-** has been approved are given below:

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment -> Workstation	497100
A'	*Total (Non-Recurring)*	***497100***
B	**Recurring Items**	
1	Recurring - I : (Manpower) Recurring - II : (Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	1164000 330000 10000
2	Recurring - IV : (Overhead Charges)	200110
B'	*Total (Recurring)*	***1704110***
C	**Total cost of the project (A' + B')**	**2201210**

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 497100/-** (Rupees Four Lakh Ninety Seven Thousand One Hundred only) under 'Grants for creation of capital assets' and **Rs. 574700/-** (Rupees Five Lakh Seventy Four Thousand Seven Hundred only) under 'Grants-in-aid General' to **Registrar, Marwadi Education Foundation, Rajkot-Morbi Road, Opp Mahadev Wadi, Gauridad, Rajkot** being the first installment of the grant for the year 2020-2021 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Core Research Grant. (PAC on Mechanical, Manufacturing, Aerospace Engineering & Robotics)

4. The Sanction has been issued to Marwadi Education Foundation, Rajkot-Morbi Road, Opp Mahadev Wadi, Gauridad, Rajkot with the approval of the competent authority under delegated powers on **23 February, 2021** and vide Diary No. **SERB/F/8009/2020-2021** dated **03 March, 2021**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. Budget sanctioned under Scientific Social Responsibility (SSR) is meant only for activites enlisted under SSR norms and under no circumstances it can be reappropriated.

9. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

10. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

11. The release amount of **Rs. 1071800/-** (Rupees Ten Lakh Seventy One Thousand Eight Hundred only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

03.03.2021

PFMS Unique Code	GJRA00004180
Account Name	MEFGI - Faculty of Engineering
Account Number	310320110000316
Bank Name & Branch	Bank of India Panchnath Branch - Rajkot, Moti Tanki Chowk , Panchnath plot, Rajkot-360001, Gujarat state
IFSC/RTGS Code	BKID0003103
Email id of A/C Holder	registrar@marwadieducation.edu.in
Email id of PI	rameshbhoraniya@gmail.com

12.The institute will furnish to the SERB, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

13. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

14. The project File no. CRG/2020/005698 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

15. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

16. As this is the first grant being released for the project, no previous U/C is required.

17. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

18. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

19. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board.

(Dr. Pankaj K. Rawat)
Scientist D
ms_cmer@serbonline.in

To,
Under Secretary
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Dr. Rameshkumar Muljibhai Bhoraniya** **Mechanical Engineering** **Marwadi Education Foundation , Rajkot-morbi road, opp mahadev wadi, gauridad, rajkot, Rajkot, Gujarat-360003** **Email: rameshbhoraniya@gmail.com** **Mobile: 919979753510** **Dr. Vinod Narayanan** **Mechanical Engineering** **Indian Institute Of Technology, Gandhinagar** (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	**Registrar,** **Marwadi Education Foundation, Rajkot-Morbi Road, Opp Mahadev Wadi, Gauridad, Rajkot** (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Pankaj K. Rawat)
Scientist D
ms_cmer@serbonline.in

GUJARAT COUNCIL ON SCIENCE AND TECHNOLOGY

Department of Science & Technology, Government of Gujarat

Block : B, 7th Floor, M. S. Building, Nr. Pathikashram, Sector-11,
Gandhinagar, Gujarat - 382011.

Phone : (079) 23259362-65 Fax : (079) 23259363

E-mail : info-gujcost@gujarat.gov.in

URL : www.gujcost.gujarat.gov.in

सत्यमेव जयते

Dr. Narottam Sahoo
Advisor & Member Secretary

No. GUJCOST/Supercomputer/2020-21/ 1405

1st October 2020

To,
Dr. Y. P. Kosta
Provost, Marwadi University
Rajkot-Morbi Road, Rajkot-360003

Sub: Establishment of the Supercomputer facility at Institute of Marwadi University, Rajkot.

Dear Sir,

Greetings from the Gujarat Council on Science and Technology (GUJCOST), Gandhinagar.

It is our pleasure to inform you that your institution has been selected for the award of establishment of Supercomputer facility for the students and academic researcher for conducting high-end in-house advance computing studies and research work.

The supercomputing facilities through GUJCOST includes the Param Shavak system indigenously developed by C-DAC for high-performance computing and deep learning equipped with x86 based latest Intel processor, 96 GB RAM, 16 TB storage, Nvidia based co-processing accelerator technologies and software development environment. This brings innovative and ground breaking technological approaches to high end computing on table top platform and does not require costly data center infrastructure.

GUJCOST supercomputer facility aims to provide capacity building among students and faculties with advanced technologies to perform high-end computations for scientific, engineering and academic programs to address and catalyze the research using modelling,Simulation and data analysis. The facility will also help in promoting research by integrating Leading-edge emerging technologies at the grass root level.

The establishment of the supercomputing facility in your institution will be carried out as per the GUJCOST guidelines and terms and conditions, which is enclosed herewith as Annexure-I for your reference.

We once again thank you for your kind interest and look forward to creating high performance computing culture among an ideal platform for students to innovate.

Thank you and with best regards.

Yours sincerely,

(Narottam Sahoo)

Encl.: As above.

Marwadi University

Date: 19th January, 2021.

To,

Dr. Payal H Pandit
Scientific Officer (R&D)
Gujarat Council on Science and Technology
Dept. of Science and Technology, Govt. of Gujarat
Block B, 7th Floor, M.S. Building, Sector 11,
Gandhinagar-382011.
Gujarat.

Sub: Memorandum of Understanding between the Supercomputer Awardee Institute and GUJCOST.

Respected Madam,

Greetings from Marwadi University, Rajkot!!!

We are in receipt of your email communication dated 15th January, 2021, in reference to the captioned subject.

Kindly find enclosed signed copy of MoU by the Head of the Institute, Principal Investigator and the Assistant Coordinator, as required and guided.

Please feel free to update us for any further requirements, if any.

Thanks & Regards,

Prof. (Dr.) Rajendrasinh Jadeja
Dean – Faculty of Engineering & PI for the Project.

MARWADI UNIVERSITY RAJKOT

GUJCOST INWARD
No. 2376
Dt. 20 JAN 2021
Br.

www.marwadiuniversity.ac.in info@marwadiuniversity.ac.in
Rajkot-Morbi Road, Rajkot, Gujarat, India 360003
+91-281-7123456 +91- 89800 30090

सत्यमेव जयते

INDIA NON JUDICIAL

Government of Gujarat

Certificate of Stamp Duty

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GOVT. OF GUJARAT (INDIA)
REGN. No. NTR-1232 2010
FOR RAJKOT DISTRICT
NOTARY

Certificate No.	:	**IN-GJ97728383177138T**
Certificate Issued Date	:	19-Jan-2021 12:21 PM
Account Reference	:	IMPACC (AC)/ gj13196611/ RAJKOT/ GJ-RA
Unique Doc. Reference	:	SUBIN-GJGJ1319661132292744211295T
Purchased by	:	JIGNESH HATHI
Description of Document	:	Article 5(h) Agreement (not otherwise provided for)
Description	:	MEMORANDUM OF UNDERSTANDING
Consideration Price (Rs.)	:	0 (Zero)
First Party	:	MARWADI UNIVERSITY
Second Party	:	GUJARAT COUNCIL ON SCIENCE AND TECH GOV OF GUJARAT
Stamp Duty Paid By	:	MARWADI UNIVERSITY
Stamp Duty Amount(Rs.)	:	300 (Three Hundred only)

B. M. BADANI
RAJKOT

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MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MoU) is made on 18th January, 2021 at Gandhinagar (Gujarat).

BETWEEN

GUJRAT COUNCIL ON SCIENCE AND TECHNOLOGY (hereinafter referred as GUJCOST), Department of Science and Technology, Government of Gujarat having its office at Block No: B, 7th Floor, Sector 11, Gandhinagar-382011

AND

1. THE INSTITUTION. (Name and address of the Institution)

Marwadi University
Rajkot – Morbi Highway,
Rajkot – 360003.
Gujarat, India.

Name, Head of the Institution: Mr. Naresh Jadeja
Designation: Registrar – Marwadi University

2. **PROJECT COORDINATOR**

Name: Dr. Rajendrasinh Jadeja
Designation: Dean, Faculty of Engineering

Assistant Coordinator

Name: Dr. Dinesh Kumar
Designation: Associate Professor – Computer Engg. (AI & Big Data)

(Hereinafter referred to as Coordinator)

WHEREAS the GUJCOST is interalia involved in popularization of Science and Technology and Promotion of Research and Development of Science and Technology in the State of Gujarat.

GUJCOST has established the Supercomputer facility PARAM Shavak developed by C-DAC at the *Marwadi University* for providing the platform to the young students and academic researcher with innovative ideas and to provide an end-to-end solution for high-performance computing / deep learning, starting from latest hardware, GPU Accelerated software development environment, application support, training and tutorials to nurture and satisfy needs of the end users.

This Supercomputer facility is established at *Marwadi University* with an aim to provide computational resource with advanced technologies to perform high-end computations for scientific, engineering and academic programmes to address and catalyze the research using modeling, simulation and data analysis etc.

NOW THIS MEMORANDUM OF UNDERSTANDING

Witnesses as Under:

1. **Objective of establishing the Supercomputer facility are:**

   A. **Create a pool of skilled professionals for pursuing research and development in the area of High-Performance Computing (HPC) and promote the use of HPC systems and parallel programming in several application domain areas.**

   B. **Creating employment opportunity for students / researchers for R&D organization and industry.**

   C. **Disseminating advanced computing techniques useful in many research academic semester projects and Ph.D. thesis.**

   D. **Introduction of HPC and Deep Learning as a subject in the academic/engineering the curriculum at UG/PG level.**

E. Providing a base of Supercomputing expertise to develop interdisciplinary computational science and deep learning degree programs.

F. Help professors and faculty members in developing funding proposals for High-Performance Computing(HPC) and Deep Learning (DL) research-based projects, providing not only a set of resources to list in proposals but also expertise on emerging issues that are of interest to funding agencies.

G. Encouraging possibilities of various national and international labs for joint research in High-Performance Computing (HPC) and Deep Learning (DL) arena.

2. Programs and Activities to be prioritized:

1. Faculty and students across all academic/engineering disciplines shall be educated in computational science and deep learning techniques, and thereby positioning them for careers in cutting edge science and technology.

2. Faculty and Researchers who employ High-Performance Computing (HPC) and Deep Learning (DL) in their engineering courses shall be educated in software design methodologies that allow maximal exploitation of computing resources for complex problem-solving environments.

3. Faculty and students shall incorporate into their research codes the techniques of sound software design, coding, debugging, testing, maintenance, porting and performance evaluation.

4. Students shall be taught to act as consultants to application teams that use supercomputing and deep learning techniques by providing a pathway for disseminating knowledge.

5. Student researchers shall have opportunities to present ongoing projects to an audience of HPC and DL educated colleagues, in order to obtain feedback on improving their investigations.

6. Interactions with relevant stakeholders including industry, academia and students from other colleges and universities.

7. Faculty and researchers shall apply for and obtain funding for project proposals involving supercomputing researches.

3. Terms and Conditions:

1. Supercomputer Facility should be setup in a dedicated space of institution with air-conditioning for saving the acquisition and infrastructural cost.

2. The institute shall display a banner stating "Supercomputer Facility by Gujarat Council on Science and Technology (GUJCOST), Department of

Science and Technology, Govt of Gujarat" at the entrance and an appropriate entry sight of the institution, which is easily visible to the stakeholders.

3. Institute shall bear the maintenance and operational cost of the equipment/instrument, tools accessories, etc. that may fall outside the scope of warranty.

4. The Supercomputer operational will be considered to be functional from the date of installation by C-DAC team. If the institution is unable to start the program within six months of installation, the institute has to intimate GUJCOST office regarding the same and the approval shall ipso facto lapse.

5. The Param Shavak supercomputer shall be the property of the institute. However, it shall not be disposed without the permission of the GUJCOST.

6. The Supercomputer Facility should be utilized to develop at least ten (10) innovative project / product / process in a year.

7. CDAC/GUJCOST may conduct training programmes or workshops for the supercomputer facility users. Institute has to depute students and faculty members for necessary training as and when planned by CDAC/GUJCOST.

8. Each institute has to train at least 10 students of Post-graduate level or Ph.D. research scholar per year as per DST/GUJCOST/CDAC guideline. The details of trained students should be submitted yearly to GUJCOST office.

9. The timings of the Supercomputer Facility should be such that it allows aspirants to come at any time during the working hours of the host institution (Applicant) to use the facilities. During working hours, specific time periods may be defined and included in the curriculum of students to introduce the concept of the supercomputer facility.

10. Supercomputer Facilities should develop a network with industries, academia, research institution, civil society for knowledge sharing and mentoring support.

11. The Coordinator of the Supercomputer Facility would ensure adequate safety and maintenance of supercomputer along with records usage in a logbook on a regular basis. The coordinator has to submit a copy of logbook to GUJCOST in a six-monthly report. A CPU usage summary should be submitted along with the log book.

12. If, the coordinator leaves the institution, retires or goes on long leave, or absentia of coordinator for any other reason, the institute shall appoint another competent coordinator for the Supercomputer Facility and the details should be intimated to GUJCOST immediately.

13. In order to foster innovations amongst students using the Supercomputer Facility, the following activities may be conducted:

    i. Monthly programs to teach and explain students about different

concepts – ranging from ideation, design, prototyping, networking to physical computing. Workshops on problem solving, designing and fabrication of products etc.

ii. Interactions with relevant stakeholders including industry, academia and students from other colleges and universities.

14. It is proposed to maximize the use of supercomputer. In this light, institute shall permit the use of supercomputer to Bonafide users (research work in other GUJCOST sponsored project or other projects of the institute or nearby institutes).

15. Operation of the Supercomputer Facility would be monitored on a suitable periodic basis by an Advisory Body comprising of following suggested members:

    a) The principal of the Institution/College – Chairman
    b) Project coordinator of the Supercomputer Facilities – Convener
    c) A representative from local industry / local community /young innovators / reputed academia/alumni – Three Members
    d) Advisor, GUJCOST or his/her representative from GUJCOST

16. The advisory body will be constituted by the institution within one month of the date of installation and it shall be intimated to GUJCOST office within a week of the formation of the committee. It will meet at least twice or as and when required in a year and Project coordinator has to submit Minutes of the Meeting (MoM) and reports to GUJCOST.

17. All Research papers published or presented based on the application/usage of Supercomputer paper should write acknowledgment of support in name of GUJCOST and Department of Science and Technology, Govt of Gujarat. The project coordinator has to submit a copy of such published papers to GUJCOST office along with the six-monthly progress report.

18. GUJCOST officials may visit the Supercomputer facility at institute for monitoring as and when deemed fit.

19. GUJCOST shall continue to monitor the facility for 5 years from the date of installation. Post that period, the institute shall continue to send the progress reports, usage logs and advisory MoM to GUJCOST.

20. Any intellectual property activity for research outcome based on the research work done utilizing supercomputer facility established by GUJCOST should be brought to the notice of GUJCOST. GUJCOST reserves the right to decide on the IP ownership, Applicant rights and the share in IP on case-by-case basis after analysing the level of involvement of the supercomputer facility completely or partially funded by GUJCOST. The decision on IP and applicant rights and share shall be binding on the host institute.

21. Investigators wishing to publish technical/ scientific papers based on the research work done utilizing the supercomputer are required to first check the patentability of the work through PIC of GUJCOST / as per IPR Policy of the institute prior to publishing the paper and intimate the patentability results to PIC – GUJCOST for patent search, filling and maintaining of patent application(s) in India.

22. Institutions can also approach the Patent Facilitating Cell (PFC) set up by DST to assist them for patent search, filling and maintaining the patent application(s) in India and abroad. The institutions must approach through the funding institute PIC-GUJCOST to PFC.

1. Signed on 18th January, 2021 by

(Mr. Naresh Jadeja, Registrar, Marwadi University)

Marwadi University

2. Signed on 18th January, 2021 by

(Dr. Rajendrasinh Jadeja)

On behalf of Project Coordinator

3. Signed on 18th January, 2021 by

(Dr. Dinesh Kumar)

On behalf of Assistant Coordinator

4. Signed on 30th Jan by

On behalf of GUJCOST, Gandhinagar

1, Mr. Naresh D. Jadeja
2, Dr. Rajendrasinh Jadeja
3, Dinesh Kumar

Signed before me by.....
who is identified by Advocate
.....
who is personally known to me on this
19th day of
January 2021 at Rajkot

BHARAT M. BADANI
NOTARY

Page No. 10/21
Serial No. 216
Receipt No. 216
Date 19/1/2021

Marwadi University
Marwadi Chandarana Group

No: MU/NewGen/2020/8 **Date: 22-Jan-2021**

To,
Dr Siddharth Shah
Faculty of Technology
Marwadi University

Sub: Proposal on Prototype of Smart concrete using nano materials under NewGen IEDC grant policy

Dear Sir,

Greetings from Marwadi University Centre for Innovation, Incubation, and Research (MUIIR)
With reference to your proposal and subsequent presentation before the committee of NewGen IEDC at Marwadi University, we are pleased to inform you that innovative idea/project titled "**Prototype of Smart concrete using nano materials**" proposed by your mentee, and has been approved in the Government of India initiative **NewGen IEDC** with a maximum limit of fund **Rs. 2,00,000** during **2020-21** for the duration of one year.

You must follow the purchase policy of NewGen IEDC for the procurement of items and submit the progress report to the MUIIR office from time to time.

Thank you and best regards,

Mr. Naresh Jadeja
Registrar,
Marwadi University

MARWADI UNIVERSITY NewGen-IEDC

Copy to:
1. Dr Siddharth Shah,Faculty of Technology, Marwadi University
2. Dean – Research and Development
3. Associate Dean, Innovation & Entrepreneurship

Rajkot -Morbi Highway Road, Rajkot, Gujarat, India 360003
info@marwadiuniversity.ac.in | www.marwadiuniversity.ac.in
+91 89800 30090 | +91 281 7123456

Marwadi University
Marwadi Chandarana Group

No: MU/NewGen/2020/15 **Date: 15-Sep-2021**

To,
Mr Vivek Patel
Faculty of Technology
Marwadi University

Sub: Proposal on Extending application of AR/VR to Engineering Education under NewGen IEDC grant policy

Dear Sir,

Greetings from Marwadi University Centre for Innovation, Incubation, and Research (MUIIR)
With reference to your proposal and subsequent presentation before the committee of NewGen IEDC at Marwadi University, we are pleased to inform you that innovative idea/project titled **"Extending application of AR/VR to Engineering Education"** proposed by your mentee, and has been approved in the Government of India initiative **NewGen IEDC** with a maximum limit of fund **Rs. 2,00,000** during **2020-21** for the duration of one year.

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Thank you and best regards,

Mr. Naresh Jadeja
Registrar,
Marwadi University

MARWADI UNIVERSITY NewGen-IEDC

Copy to:
1. Prof Vivek Patel,Faculty of Technology, Marwadi University
2. Dean – Research and Development
3. Associate Dean, Innovation & Entrepreneurship

Rajkot -Morbi Highway Road, Rajkot, Gujarat, India 360003
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Marwadi University
Marwadi Chandarana Group

No: MU/NewGen/2020/1 **Date: 17-Jul-2019**

To,
Dr Amit Sata
Faculty of Technology
Marwadi University

Sub: Proposal on Product-Manufacturing(Smart Lab) under NewGen IEDC grant policy

Dear Sir,

Greetings from Marwadi University Centre for Innovation, Incubation, and Research (MUIIR)
With reference to your proposal and subsequent presentation before the committee of NewGen IEDC at Marwadi University, we are pleased to inform you that innovative idea/project titled "**Product-Manufacturing(Smart Lab)**" proposed by your mentee, and has been approved in the Government of India initiative **NewGen IEDC** with a maximum limit of fund **Rs. 2,50,000** during **2020-21** for the duration of one year.

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Thank you and best regards,

Mr. Naresh Jadeja
Registrar,
Marwadi University

MARWADI UNIVERSITY NewGen-IEDC

Copy to:
1. Dr Amit Sata,Faculty of Technology, Marwadi University
2. Dean – Research and Development
3. Associate Dean, Innovation & Entrepreneurship

Rajkot -Morbi Highway Road, Rajkot, Gujarat, India 360003
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Marwadi University
Marwadi Chandarana Group

No: MU/NewGen/2020/1 **Date: 17-Jul-2019**

To,
Prof Dhaval Anadkat
Faculty of Technology
Marwadi University

Sub: Proposal on Product-Manufacturing(Smart Lab) under NewGen IEDC grant policy

Dear Sir,

Greetings from Marwadi University Centre for Innovation, Incubation, and Research (MUIIR)
With reference to your proposal and subsequent presentation before the committee of NewGen IEDC at Marwadi University, we are pleased to inform you that innovative idea/project titled "**Product-Manufacturing(Smart Lab)**" proposed by your mentee, and has been approved in the Government of India initiative **NewGen IEDC** with a maximum limit of fund **Rs. 2,50,000** during **2020-21** for the duration of one year.

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Thank you and best regards,

Mr. Naresh Jadeja
Registrar,
Marwadi University

MARWADI UNIVERSITY NewGen-IEDC

Copy to:
1. Prof Dhaval Anadkat,Faculty of Technology, Marwadi University
2. Dean – Research and Development
3. Associate Dean, Innovation & Entrepreneurship

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Marwadi University
Marwadi Chandarana Group

No: MU/NewGen/2020/1 **Date: 17-Jul-2019**

To,
Mr Pinal Kantesariya

Sub: Proposal on Product-Manufacturing(Smart Lab) under NewGen IEDC grant policy

Dear Sir,

Greetings from Marwadi University Centre for Innovation, Incubation, and Research (MUIIR)
With reference to your proposal and subsequent presentation before the committee of NewGen IEDC at Marwadi University, we are pleased to inform you that innovative idea/project titled "**Product-Manufacturing(Smart Lab)**" proposed by your mentee, and has been approved in the Government of India initiative **NewGen IEDC** with a maximum limit of fund **Rs. 2,50,000** during **2020-21** for the duration of one year.

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Thank you and best regards,

Mr. Naresh Jadeja
Registrar,
Marwadi University

MARWADI UNIVERSITY NewGen-IEDC

Copy to:

1. Mr Pinal Kantesariya,Faculty of Technology, Marwadi University
2. Dean – Research and Development
3. Associate Dean, Innovation & Entrepreneurship

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Marwadi University
Marwadi Chandarana Group

No: MU/NewGen/2020/2 **Date: 17-Jul-2019**

To,
Dr Lalji Baldaniya
Faculty of Pharmacy
Marwadi University

Sub: Proposal on Product -Topical Spray for fast Relief from Menstrual Pain under NewGen IEDC grant policy

Dear Sir,

Greetings from Marwadi University Centre for Innovation, Incubation, and Research (MUIIR)
With reference to your proposal and subsequent presentation before the committee of NewGen IEDC at Marwadi University, we are pleased to inform you that innovative idea/project titled "**Product -Topical Spray for fast Relief from Menstrual Pain"** proposed by your mentee, and has been approved in the Government of India initiative **NewGen IEDC** with a maximum limit of fund **Rs. 2,50,000** during **2020-21** for the duration of one year.

You must follow the purchase policy of NewGen IEDC for the procurement of items and submit the progress report to the MUIIR office from time to time.

Thank you and best regards,

Mr. Naresh Jadeja
Registrar,
Marwadi University

MARWADI UNIVERSITY NewGen-IEDC

Copy to:
1. Dr Lalji Baldaniya,Faculty of Pharmacy, Marwadi University
2. Dean – Research and Development
3. Associate Dean, Innovation & Entrepreneurship

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Marwadi University
Marwadi Chandarana Group

No: MU/NewGen/2020/3 **Date: 17-Jul-2019**

To,
Dr Shobhit Patel
Faculty of Technology
Marwadi University

Sub: Proposal on Solar Cell Development under NewGen IEDC grant policy

Dear Sir,

Greetings from Marwadi University Centre for Innovation, Incubation, and Research (MUIIR)
With reference to your proposal and subsequent presentation before the committee of NewGen IEDC at Marwadi University, we are pleased to inform you that innovative idea/project titled **"Solar Cell Development"** proposed by your mentee, and has been approved in the Government of India initiative **NewGen IEDC** with a maximum limit of fund **Rs. 2,50,000** during **2020-21** for the duration of one year.

You must follow the purchase policy of NewGen IEDC for the procurement of items and submit the progress report to the MUIIR office from time to time.

Thank you and best regards,

Mr. Naresh Jadeja
Registrar,
Marwadi University

MARWADI UNIVERSITY NewGen-IEDC

Copy to:
1. Dr Shobhit Patel,Faculty of Technology, Marwadi University
2. Dean – Research and Development
3. Associate Dean, Innovation & Entrepreneurship

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Marwadi University
Marwadi Chandarana Group

No: MU/NewGen/2020/4 **Date: 21-Oct-2020**

To,
Dr Amit Sata
Faculty of Technology
Marwadi University

Sub: Proposal on Intelligent Inspection Device for Metal casting under NewGen IEDC grant policy

Dear Sir,

Greetings from Marwadi University Centre for Innovation, Incubation, and Research (MUIIR)
With reference to your proposal and subsequent presentation before the committee of NewGen IEDC at Marwadi University, we are pleased to inform you that innovative idea/project titled **"Intelligent Inspection Device for Metal casting"** proposed by your mentee, and has been approved in the Government of India initiative **NewGen IEDC** with a maximum limit of fund **Rs. 2,50,000** during **2020-21** for the duration of one year.

You must follow the purchase policy of NewGen IEDC for the procurement of items and submit the progress report to the MUIIR office from time to time.

Thank you and best regards,

Mr. Naresh Jadeja
Registrar,
Marwadi University

MARWADI UNIVERSITY NewGen-IEDC

Copy to:
1. Dr Amit Sata,Faculty of Technology, Marwadi University
2. Dean – Research and Development
3. Associate Dean, Innovation & Entrepreneurship

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Marwadi University
Marwadi Chandarana Group

No: MU/NewGen/2020/5 **Date: 21-Oct-2020**

To,
Dr Amit Sata
Faculty of Technology
Marwadi University

Sub: Proposal on IoT Enabled Jewellery Casting Setup under NewGen IEDC grant policy

Dear Sir,

Greetings from Marwadi University Centre for Innovation, Incubation, and Research (MUIIR)
With reference to your proposal and subsequent presentation before the committee of NewGen IEDC at Marwadi University, we are pleased to inform you that innovative idea/project titled "**IoT Enabled Jewellery Casting Setup**" proposed by your mentee, and has been approved in the Government of India initiative **NewGen IEDC** with a maximum limit of fund **Rs. 2,50,000** during **2020-21** for the duration of one year.

You must follow the purchase policy of NewGen IEDC for the procurement of items and submit the progress report to the MUIIR office from time to time.

Thank you and best regards,

Mr. Naresh Jadeja
Registrar,
Marwadi University

MARWADI UNIVERSITY NewGen-IEDC

Copy to:
1. Dr Amit Sata,Faculty of Technology, Marwadi University
2. Dean – Research and Development
3. Associate Dean, Innovation & Entrepreneurship

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Marwadi University
Marwadi Chandarana Group

No: MU/NewGen/2020/6 **Date: 21-Oct-2020**

To,
Prof Chandrasinh Parmar
Faculty of Technology
Marwadi University

Sub: Proposal on Smart Blind stick under NewGen IEDC grant policy

Dear Sir,

Greetings from Marwadi University Centre for Innovation, Incubation, and Research (MUIIR)
With reference to your proposal and subsequent presentation before the committee of NewGen IEDC at Marwadi University, we are pleased to inform you that innovative idea/project titled **"Smart Blind stick"** proposed by your mentee, and has been approved in the Government of India initiative **NewGen IEDC** with a maximum limit of fund **Rs. 2,50,000** during **2020-21** for the duration of one year.

You must follow the purchase policy of NewGen IEDC for the procurement of items and submit the progress report to the MUIIR office from time to time.

Thank you and best regards,

Mr. Naresh Jadeja
Registrar,
Marwadi University

MARWADI UNIVERSITY NewGen-IEDC

Copy to:
1. Prof Chandrasinh Parmar,Faculty of Technology, Marwadi University
2. Dean – Research and Development
3. Associate Dean, Innovation & Entrepreneurship

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+91 89800 30090 | +91 281 7123456

Marwadi University
Marwadi Chandarana Group

No: MU/NewGen/2020/7 **Date: 21-Oct-2020**

To,
Dr Ritesh Palkar
Faculty of Science
Marwadi University

Sub: Proposal on Zeolite Synthesis under NewGen IEDC grant policy

Dear Sir,

Greetings from Marwadi University Centre for Innovation, Incubation, and Research (MUIIR)
With reference to your proposal and subsequent presentation before the committee of NewGen IEDC at Marwadi University, we are pleased to inform you that innovative idea/project titled **"Zeolite Synthesis"** proposed by your mentee, and has been approved in the Government of India initiative **NewGen IEDC** with a maximum limit of fund **Rs. 2,50,000** during **2020-21** for the duration of one year.

You must follow the purchase policy of NewGen IEDC for the procurement of items and submit the progress report to the MUIIR office from time to time.

Thank you and best regards,

Mr. Naresh Jadeja
Registrar,
Marwadi University

MARWADI UNIVERSITY NewGen-IEDC

Copy to:
1. Dr Ritesh Palkar,Faculty of Science, Marwadi University
2. Dean – Research and Development
3. Associate Dean, Innovation & Entrepreneurship

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Marwadi University
Marwadi Chandarana Group

No: MU/NewGen/2020/9 **Date: 22-Jan-2021**

To,
Dr Ankur Bhogayata
Faculty of Technology
Marwadi University

Sub: Proposal on sustainable cement products under NewGen IEDC grant policy

Dear Sir,

Greetings from Marwadi University Centre for Innovation, Incubation, and Research (MUIIR)
With reference to your proposal and subsequent presentation before the committee of NewGen IEDC at Marwadi University, we are pleased to inform you that innovative idea/project titled "**sustainable cement products"** proposed by your mentee, and has been approved in the Government of India initiative **NewGen IEDC** with a maximum limit of fund **Rs. 2,00,000** during **2020-21** for the duration of one year.

You must follow the purchase policy of NewGen IEDC for the procurement of items and submit the progress report to the MUIIR office from time to time.

Thank you and best regards,

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Marwadi University

MARWADI UNIVERSITY * NewGen-IEDC *

Copy to:
1. Dr Ankur Bhogayata,Faculty of Technology, Marwadi University
2. Dean – Research and Development
3. Associate Dean, Innovation & Entrepreneurship

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Marwadi University
Marwadi Chandarana Group

No: MU/NewGen/2020/10 **Date: 22-Jan-2021**

To,
Dr Siddharth Shah
Faculty of Technology
Marwadi University

Sub: Proposal on Sustainable Geocell from Waste PET bottles under NewGen IEDC grant policy

Dear Sir,

Greetings from Marwadi University Centre for Innovation, Incubation, and Research (MUIIR)
With reference to your proposal and subsequent presentation before the committee of NewGen IEDC at Marwadi University, we are pleased to inform you that innovative idea/project titled **"Sustainable Geocell from Waste PET bottles"** proposed by your mentee, and has been approved in the Government of India initiative **NewGen IEDC** with a maximum limit of fund **Rs. 2,00,000** during **2020-21** for the duration of one year.

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Registrar,
Marwadi University

MARWADI UNIVERSITY NewGen-IEDC

Copy to:
1. Dr Siddharth Shah,Faculty of Technology, Marwadi University
2. Dean – Research and Development
3. Associate Dean, Innovation & Entrepreneurship

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Marwadi University
Marwadi Chandarana Group

No: MU/NewGen/2020/11 **Date: 22-Jan-2021**

To,
Dr Pinank Patel
Faculty of Technology
Marwadi University

Sub: Proposal on Solar Powered Electric Vehicle under NewGen IEDC grant policy

Dear Sir,

Greetings from Marwadi University Centre for Innovation, Incubation, and Research (MUIIR)
With reference to your proposal and subsequent presentation before the committee of NewGen IEDC at Marwadi University, we are pleased to inform you that innovative idea/project titled **"Solar Powered Electric Vehicle"** proposed by your mentee, and has been approved in the Government of India initiative **NewGen IEDC** with a maximum limit of fund **Rs. 2,00,000** during **2020-21** for the duration of one year.

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Marwadi University

MARWADI UNIVERSITY NewGen-IEDC

Copy to:
1. Dr Pinank Patel,Faculty of Technology, Marwadi University
2. Dean – Research and Development
3. Associate Dean, Innovation & Entrepreneurship

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Marwadi University
Marwadi Chandarana Group

No: MU/NewGen/2020/11 **Date: 22-Jan-2021**

To,
Dr Nikhil Chotai
Faculty of Technology
Marwadi University

Sub: Proposal on Solar Powered Electric Vehicle under NewGen IEDC grant policy

Dear Sir,

Greetings from Marwadi University Centre for Innovation, Incubation, and Research (MUIIR)
With reference to your proposal and subsequent presentation before the committee of NewGen IEDC at Marwadi University, we are pleased to inform you that innovative idea/project titled **"Solar Powered Electric Vehicle"** proposed by your mentee, and has been approved in the Government of India initiative **NewGen IEDC** with a maximum limit of fund **Rs. 2,00,000** during **2020-21** for the duration of one year.

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Marwadi University

MARWADI UNIVERSITY NewGen-IEDC

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2. Dean – Research and Development
3. Associate Dean, Innovation & Entrepreneurship

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Marwadi University
Marwadi Chandarana Group

No: MU/NewGen/2020/12 **Date: 16-Feb-2021**

To,
Dr Siddharth Shah
Faculty of Technology
Marwadi University

Sub: Proposal on Development of Hydrophobic and antibacteria nano coated sanitary wares under NewGen IEDC grant policy

Dear Sir,

Greetings from Marwadi University Centre for Innovation, Incubation, and Research (MUIIR)
With reference to your proposal and subsequent presentation before the committee of NewGen IEDC at Marwadi University, we are pleased to inform you that innovative idea/project titled **"Development of Hydrophobic and antibacteria nano coated sanitary wares"** proposed by your mentee, and has been approved in the Government of India initiative **NewGen IEDC** with a maximum limit of fund **Rs. 2,00,000** during **2020-21** for the duration of one year.

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Marwadi University

MARWADI UNIVERSITY NewGen-IEDC

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1. Dr Siddharth Shah,Faculty of Technology, Marwadi University
2. Dean – Research and Development
3. Associate Dean, Innovation & Entrepreneurship

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Marwadi University
Marwadi Chandarana Group

No: MU/NewGen/2020/13 **Date: 16-Feb-2021**

To,
Dr Nikunj Rachchh
Faculty of Technology
Marwadi University

Sub: Proposal on Development of Hybrid Composite Material using Industrial Waste by Additive Manufacturing under NewGen IEDC grant policy

Dear Sir,
Greetings from Marwadi University Centre for Innovation, Incubation, and Research (MUIIR)
With reference to your proposal and subsequent presentation before the committee of NewGen IEDC at Marwadi University, we are pleased to inform you that innovative idea/project titled **"Development of Hybrid Composite Material using Industrial Waste by Additive Manufacturing"** proposed by your mentee, and has been approved in the Government of India initiative **NewGen IEDC** with a maximum limit of fund **Rs. 2,00,000** during **2020-21** for the duration of one year.

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Thank you and best regards,

Mr. Naresh Jadeja
Registrar,
Marwadi University

MARWADI UNIVERSITY NewGen-IEDC

Copy to:
1. Dr Nikunj Rachchh,Faculty of Technology, Marwadi University
2. Dean – Research and Development
3. Associate Dean, Innovation & Entrepreneurship

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+91 89800 30090 | +91 281 7123456

Marwadi University
Marwadi Chandarana Group

No: MU/NewGen/2020/14 **Date: 15-Sep-2021**

To,
Dr R B Jadeja
Faculty of Technology
Marwadi University

Sub: Proposal on Placement Prediction System with Machine Learning under NewGen IEDC grant policy

Dear Sir,

Greetings from Marwadi University Centre for Innovation, Incubation, and Research (MUIIR)
With reference to your proposal and subsequent presentation before the committee of NewGen IEDC at Marwadi University, we are pleased to inform you that innovative idea/project titled **"Placement Prediction System with Machine Learning"** proposed by your mentee, and has been approved in the Government of India initiative **NewGen IEDC** with a maximum limit of fund **Rs. 2,00,000** during **2020-21** for the duration of one year.

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Thank you and best regards,

Mr. Naresh Jadeja
Registrar,
Marwadi University

MARWADI UNIVERSITY * NewGen-IEDC *

Copy to:
1. Dr R B Jadeja,Faculty of Technology, Marwadi University
2. Dean – Research and Development
3. Associate Dean, Innovation & Entrepreneurship

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Marwadi University
Marwadi Chandarana Group

No: MU/NewGen/2020/15 **Date: 15-Sep-2021**

To,
Dr Amit Sata
Faculty of Technology
Marwadi University

Sub: Proposal on Extending application of AR/VR to Engineering Education under NewGen IEDC grant policy

Dear Sir,

Greetings from Marwadi University Centre for Innovation, Incubation, and Research (MUIIR)
With reference to your proposal and subsequent presentation before the committee of NewGen IEDC at Marwadi University, we are pleased to inform you that innovative idea/project titled **"Extending application of AR/VR to Engineering Education"** proposed by your mentee, and has been approved in the Government of India initiative **NewGen IEDC** with a maximum limit of fund **Rs. 2,00,000** during **2020-21** for the duration of one year.

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Thank you and best regards,

Mr. Naresh Jadeja
Registrar,
Marwadi University

MARWADI UNIVERSITY *NewGen-IEDC*

Copy to:
1. Dr Amit Sata,Faculty of Technology, Marwadi University
2. Dean – Research and Development
3. Associate Dean, Innovation & Entrepreneurship

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