



Date: 22 December 2020

Minutes of the 7th meeting of the TEQIP-III Board of Governors (BoG) MBM Engineering College, Jodhpur.

Meeting Date:

14th December 2020

Meeting Time:

11:45 (Monday)

Venue of Meeting:

Conference hall, Dean Office

MBM Engineering College, Jodhpur.

In Chair: Dr. D. G. M. Purohit (Chairman).

List of Member's Present:

Prof. Sunil Sharma, Dean, MBM Engineering College

2 Dr. J. L. Kankariya, BoG Member (Through Google meet).

3 Dr. K. L. Sharma, BoG Member.

4 Dr. D S Hooda, Member, AICTE Nominee, BoG Member(Through Google meet).

5 Prof. Ravi Saxena, Coordinator, TEQIP-III & BoG Member

7 Prof. Dinesh Shring, BoG Member

Special Invitee

1. Prof. A.K. Verma (EAP Coordinator & Nodal Officer Finance, TEQIP-III)

Leave of absence accorded:

- 1. Dr. K. R. Chowdhary, BoG Member.
- 2. State Nominee (Not nominated by the State Govt.).
- 3. Dr U A Dadade, SPA TEQIP-III, SPIU Rajasthan. (Special Invitee)
- 4. Prof. Venugopal Manikandan, TEQIP-III Coordinator, CIT Coimbatore, Mentor Institution, (Through Google meet). (Special Invitee)

Agenda No.	Item
Agenda 1.	To confirm the minutes of the BoG meeting held on 10^{th} October 2020 previous meeting.
Discussion and Resolution	It was resolved to approve the minutes.



Lope!





Date: 22 December 2020

Agenda 2.	To report about the action taken on decisions taken in previous meeting.
Discussion and Resolution	Approved the action taken report
Agenda Item 3:	Expenditure incurred year wise under TEQIP-III
Discussion and Resolution	It was resolved to approve the expenditure incurred under TEQIP-III from Start the project to 30 Nov 2020.
Agenda Item 4:	Proposals received from various Department for procurement for consideration
Discussion and Resolution	It was resolve to approved the proposals submitted by Civil, Electrical, Mechanical, Mining, Institution Level Departments of procurements. (Appendix-I)
Agenda Item No. 5	Consider for extension of Faculty R&D Projects.
Discussion and Resolution	It was resolved to extend the faculty R&D Projects up to 31 March 2021.

Table Item :1	To Report the appointment of CRS Projects Coordinator.
Resolution	Confirmed
Table Item :2	To Report the withdraw of order of appointment of Prof. S.K. Parihar as sebior Research
	Advisor.
Resolution	Confirmed
Table Item :3	To Report the appointment of EAP Coordinator.
Resolution	Confirmed
Table Item :4	To Report the appointment of Nodal (Finance).
Resolution	Confirmed
Table Item :5	To Report the appointment of Nodal (Academic)
Resolution	Confirmed
Table Item :6	To Consider revised Equity action Plan (EAP)
Resolution	Approved the revised Equity Action Plan. (Appendix-II)

The meeting ends with the words of thanks to chair.

Dr. D G M Purohit (Chairman)

Chairman
BoG - TEQIP- III
M.B.M. Engineering College,
Jai Narain Vyas University, Jodhpur





Date: 22 December 2020

Dt. 22-10-2020

(Appendix-I)

Department of Civil Engineering



DEPARTMENT OF CIVIL ENGINEERING

FACULTY OF ENGINEERING, M. B. M. ENGINEERING COLLEGE JAI NARAIN VYAS UNIVERSITY, JODHPUR 342011(Rajasthan)

No. FE/CIVIL/2020/ 62_

To,
TEQIP Coordinator,
MBM Engineering College
Faculty of Engineering and Architecture
J.N.V. University
JODHPUR-342011

Sub: Package details of purchasing

Dear Sir,

Department of Civil Engineering requires following items as listed below. Information regarding Specifications of items and packages are attached as required to initiate the procurement process on PMSS portal to invite the tenders as per NPIU/TEQIP-III.

S. No.	Package Name	Est. Cost
1	Furniture's for Computer Lab (Two items: Computer tables & Chair	1,50,000 /-
2	Development of Smart Class-rooms (Item: Split Air Conditioner)	2,40,000/-
3 🏑	Printers	1,20,000/-

Please feel free to contact, if any other details required.

Thanking you

Encl: Details & specifications

With Regards

Head of Civil Engineering

Department of Civil Engineering faculty of Engineering & Architecture M.B.M. Engineering Codege Jul Nurnin Vyas University JODHPUR





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Date: 22 December 2020

Packa	ge Name: Furniture	for Computer Lab	Item No.	
S No	Field	Details		
L	Item Name	Computer Table		
2	Description/ Specification of item	Make in three layer prelaminated particle boards of IS: 12 inch X 24-inch & 30-inch height; (Front side without key b	833 of 17mm Thickness and iron frame ir oard stand), CPU stand facility required.	25x25 mm pipe, size-30
3	Quantity	25		
4	Est. Cost Per Unit in INR	1,000		
5	Total Estimated Cost in INR	25,000		

Department of Civil Proginessing
Faculty of English Signature
M.E.M. Legingering
M.E.M. Legingering
JODHPUR





		Hem Inside	Package Details	
Paci	tage Name: Furniture	for Computer Lab	Item N	0,
S No	Field			
3 100	Item Name	Details		
2	Description/	Computer Chair for Labs		
		1. SEAT/BACK ASSEMBLY; The seat & bacl lumbar support for extra comfort. BACK SIZE (W) X 41.0 cm (D). 2. POLYURETHANE FOAM: The polyureth Hampden machine at 25% compression. 3. SEAT/BACK COVERS: The upholstered so the upholstered back is covered with a back cov 4. ARMRESTS: No Amrests. 5. ADJUSTABLE BACK MECHANISM: The type Provision with 17° maximum tilt and tilt of 9.0 to 10.0 cm, with locking of back height arr 6. PNEUMATIC HEIGHT ADJUSTMENT: TT 7. PEDESTAL ASSEMBLY: The pedestal is fal injection moulded black Polypropylene hub cap is approximately 55.0 cm pitch-center dia. (app. 8. THE WHEEL CASTORS: The twin wheel cap. Fabric Details: 100 % polyamide, substrate 65 cleanliness by simple vacuuming.	ane foam is moulded with density= at is covered on the underside with er injection moulded in black Co-pol adjustable back mechanism is designe easion adjustment facility. Back hei angement. ac pneumatic height adjustment faci oricated from minimum 0.2 cm. Thic and 5 nos. Twin wheel castors. (eas or 5 nos. Twin wheel castors.)	am (H)., SEAT SIZE (Minimum 45 +/-2 kg/m3 and hardness = black polypropylene non-woven yer Polypropylene or similar ma and with the following feature: 360 ght adjustment approximately li- lity. & CR steel, power coated and fitt tors wheel dia. about 5.0 cm). The
3	Quantity	25		
4	Est. Cost Per Unit in INR	5,000		
	Total Estimated	1,25,000		





No I	Field	Details		
140	Hem Name	ale appedition as (AC'v)		
2	Description/ Specification of item	Providing and Fixing 1.5 Tan, 5 Star Rating of BEE Air Cooled Split T Outdoor unit (ODU), surface / concealed coper Refrigerant piping with ODU) copper power cable up to 4 Mr. (at least 3CX 2.5 Sq mm, PVC 410 Refrigerant, PVC drain pipe (dia about 15mm) Remote, suitable for of performing cooling, dehumidification, air circulation of following cap ODU Stand. Providing and fixing extra copper piping with insulation af square link cage (25x25mm, 18 gauge) with MS angle (35x35x5 mm, required accessories and work. Providing and fixing stabilizer (240V, 5 work. Providing and fixing wall mounted ODU stand for split air condit	insulation (EP Foam pipe 3 insulation, FRLS copper w 400/230V +10% of 50 Hz, sacity with scroll/ reciproca er/3Mtr. A) 9.53 mm B) 15) including primer with pai 0 HZ, 2KW), 16 Amp 3 pi	icetion) up to 3 km. (Hot 2 ire) (IDU to ODU), R-22/R- 1/3 phase AC supply capable ting/ rotary compressor, with .88mm. Providing and fixing nt, welding etc and all other n top and all accessories and
3	Quantity	06		
4	Est. Cost Per Unit in INR	40,000		
5	Estimated Cost in INR	240000		
	INR Estimated Cost in			





S No	Field	Details	
1	Item Name	Black and White Laser Printer	
	Description/ Specification of item	Print Technology: Laser Function Multifunction (i.e print, copy & scan) Standard connectivity: Hi-Speed USB 2.0 port; built-in Fast Ethernet 10/100Base-TX 802.11b/g/n Network capabilities: Via built-in 10/100 Base-TX networking Wireless capability Yes, built-in WiFi 802.11b/g/n Memory (minimum): 128 MB Processor speed (minimum): 600 MHz Input 150-sheet face-down bin Media type Paper (plain, LaserJet), envelopes, transparencies, labels, postcards Media weight 60 to 163 g/m² Supported media sizes: A4; A5; B5-Japanese; envelopes (ISO DL, C5, B5, Com #10, (Standard #10, JIS single and double) Paper size support: 76 x 127 mm (3.0 to 5.0 inches) to 216 x 356 mm (8.5 to 14.0 Printing Specification: Draft mode resolution: 300 x 300 dots per inch (dpi) Normal mode resolution: 600 x 400 dpi Plain-Best mode resolution: 600 x 400 dpi Input sensor resolution: 1200 x 1200 dpi Print speed: As fast as 20 pages per minute (ppm) First page out: As fast as 15 seconds copy specifications. Copy speeds (default mode)*: Up to 20 copies per minute (cpm) First copy out: As fast as 15 seconds Copy resolution: Black (graphics): Up to 400 x 600 dpi; Colour (text and graphics): Maximum number of copies: Up to 99 copies Copier reduce enlarge: 25 to 460% Copier reduce enlarge: 25 to 460% Copier reduce enlarge: 25 to 460% Copier settings Number of copies: Lighter/Oarker; Reduce/Enlarge; Optimize (draft, Resolution (text and graphics): Up to 400 x 600 dpi Digital image processing	, Monarch #7 3/4); 16K; posica Pinches) Up to 400 x 600 dpi





Pack	age Name: Printers	Item Inside Package Details	Item No.
	age rance.	Scanning Specification: Resolution: up to 1200 x 1200 ppi Enhanced Resolution: up to 19200 dpi Scan speed: Up to 7 ppm (b&w), up to 5 ppm (color) Color: 24-bit color, 8-bit grayscale (256 levels of gray) Maximum scan size from glass: 21.6 x 29.7 cm (8.5 x 11.7 in Windows Scan Software supports file format: JPG, RAW (BMF Power Specification: 220 to 240VAC (+/- 12%), 50/60 Hz (+/- 3Hz	ches)), PDF, TIFF, PNG
3	Quantity	08	
4	Est. Cost Per Unit in INR	15,000.00	
5	Total Estimated Cost In INR	120000.00	





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Department of Electrical Engineering



Department of Electrical Engineering
M.B.M Engineering College,
Faculty of Engineering Jai Narain Vyas University, Jodhjur

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NO. JNVU/FE/HEE/RO/512

Date: 19 / 10 / 2020

To

The TEQIP III Coordinator, MBM Engineering College, Jodhpur.

Sub: Package details for inviting tenders.

Respected Sir,

For the development of Renewable Energy Lab in Electrical Engineering Department, please find enclosed the complete set of package details required to initiate the procurement process on PMSS Portal to invite the tenders as per NPIU/ TEQIP-III.

S No	Package Name	Est Cost
1	MBM/ELECTRICAL/2020/T3-EQ/ RENEWABLE ENERGY LAB	400000/-

Kindly find the Package details, Item details, Vendor details, Payment details attached in the file and endorse the same as per rules.

Thanking You,

Prof. (Dr.) Jayashri Vajpai

Professor & Head

Electrical Engineering Department





Date: 22 December 2020

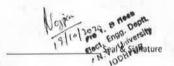
3

Department of Electrical Engineering

Package Requirements

Pac		

S no.	Field	Details			
1	Package Name	Renewable Energy Lab			
2	Total Items in Package	1			
3	Justification for Package	To equip lab with Renewable energy system			
4	Is Proprietary (Y/N)				
5	Quotation Validity 90 days.	days			
6	Is Training (Y/N)				
7	Training Clause	Proper training during installation and continuous support to the staff members for setting up lab experiments			
8	Is Installation (Y/N)	Y			
9	Testing/ Installation Clause	Operation and maintenanceTraining with proper documentation such as user and system manual			
10	Warranty (Min 6 Month)	12 Month			
11	AMC	N I I I I I I I I I I I I I I I I I I I			
12	Installation Requirements				
13	Question:	Compliance for each parameter of specification provided			
14	Non Responsive Value	N/A			







Date: 22 December 2020



Department of Electrical Engineering

S No	Field	Item Inside Package Details
1	Item Name	
_		Solar PV Grid-Tied Training System
2	Description/ Specification of item	 An active measurement panel to measure different Voltage, current and earry out power analysis for Linea & Nonlinear Loads and Calculations with Net Metering, Grid Synchronization of Solar PV Inverter and its Performance Analysis Evaluation of Active, Reactive and Apparent Power flow between PV Grid and Virtual Grid Facility of Anti-Islanding protection of Grid-Tied Inverter for Sudden Grid Failure and running the system using virtual grid Solar panels consisting of 2 PV modules (polycrystalline) of 250 Wp each (Vmp = 35 V, Imp = 7.14 A, Voc = 43.2 V, Isc = 7.5 A), Solar PV Grid tied inverter: DC side: Maximum Start Voltage = 100V, Input Voltage Range = 45-135 V Minimum input voltage for rated output = 64V, MPP Voltage = 45-100 V, Maximum Input Current = 5A, Maximum Input Power = 500W, Maximum Recommended PV Power= 520 W, AC Side (Grid Connection): 230V, 50Hz 500W (single phase), Maximum output current = 1.5 A, Virtual Grid with Intelligent Battery Management: Input Voltage Range for Battery Charging=160-286 V. Output power =750VA/500W, Nominal Output Voltage=230V AC, 50Hz, Pure sine, 2 Batteries=12V, 7.5 Al (each), Voltage Transducer: Vpn=10-500 V, Ipu=10mA, Hall Effect based linear current sensor: internal conductor resistance=8.3 mohm, Min. sensing current voltage supply=0-5.0A at 5V, High Sensitivity Wide operating voltage range=260 mV/A, 3.0-12 V, Low operating current Nearly zero magnetic hysteresis Ratio metric output from supply voltage= 3mA, 10K Hz bandwidth, Isolation voltage 1000V, Variable capacitor=0-6 microfarad, 220V for power factor improvement and its impact on power quality at PCC Variable Inductor=0-6mH, 2A for observing the impact of Transmission Line Inductance on Voltage Quality at PCC Autotransformer=Single Phase 0-250 V, 2 A
3	Is Training required (Y/N)	Y
4	Is Installation	Y The state of the





Date: 22 December 2020



M.B.M Engineering College,

Faculty of Engineering Jai Narain Vyas University, Jodhpur

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No. JNVU/FE/HEE/20/56/

Date: 1 / 10 / 20 20

To

The TEQIP III Coordinator, MBM Engineering College, Jodhpur.

Sub: Package details for inviting tenders.

Respected Sir.

For the development of Electrical Machines Lab in Electrical Engineering Department, please find enclosed the complete set of package details required to initiate the procurement process on PMSS Portal to invite the tenders as per NPIU/ TEQIP-III.

SNo	Package Name	Est Cost
1	MBM/ELECTRICAL/2020/T3-EQ/ELECTRICAL MACHINES LAB	330000/-

Kindly find the Package details, Item details, Vendor details, Payment details attached in the file and endorse the same as per rules.

Thanking You,

Prof. (Dr.) Jayashri Vajpai

Professor & Head

Electrical Engineering Department





S no.	Field	Details	
1	Package Name	Electrical Machines Lab	311111111111111111
2	Total Items in Package	4	
3	Justification for Package	To make students aware about how the various electrical machines an be trained	
4	Is Proprietary (Y/N)	N	
5	Quotation Validity 90 days.	90 days	217
6	Is Training (Y/N)	Y TO THE RESIDENCE OF THE PARTY	
7	Training Clause	proper training during installation and continuous support to the staff members for set	400
8	Is Installation (Y/N)	y	ting up lab experiments
9	Testing/Installation Clause		
10	Warranty (Min 6 Month)	12 Month	
11	AMC	N	
12	Installation Requirements		
13	Question:	Compliance for each parameter of specification provided	
14	Non Responsive Value	N/A	





Date: 22 December 2020

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Item Inside Package Details

Department of Electrical Engineering

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S No	Field	Detail
1	Item Name	3 Phase Induction Motor Trainer
2	Description/ Specification of item	Powder coated sturdy Aluminum flat panel (table top) system, carrying various high voltage components housed in plastic enclosures (panel) to minimize shock possibility. Instrumentation Power supply cum Multichannel DPM panel (a) +/-12 V,500 mA (b) +5V,300mA (c) Unregulated 17V dc/750 mA (d) line synchronizing signal. (e) 13V / 3 Amp. (f) Multi channel DPM for digital display of torque, speed etc. SCR Actuator (variable DC) cum sensor signal conditioning panel Hall bridge SCR based 0V-195V / 5 Amp cosine firing with linear characteristics. Supports signal conditioning circuit for speed, torque in kg wt to output 0-2:5Vdc (FS). Integrated AC (1 phase) measurement panel 1 nos. of Digital meter for 1 phase parameters V, PF, W, VA, VAR, Hz, etc. Current specs = 1A/5A for 1f meter (170-250V). AC voltmeter panel Voltage range: 300V. 1 pole 4 way switch to line voltage for three phase Dual range AC ammeter panel Current range: 2A/6A able. 1 pole 7 way switch to phase current for three phase IGBT Controlled AC Drive panel 1) Input voltage: 230VAC. 50Hz 2) Output voltage: 3 phase 230 VAC 3) Range (Frequency Control): 0.1 Hz to 100 (400)Hz 4) Control Mode: Sine Wave PWM 5) Capacity: 1/2 HP 6) With Reverse and Forward Direction 7) Mech.: single width for ½ HP 8) Motor: 3 phase squirrel cage induction motor, ½ HP, 4 pole, 1500RPM, 6 terminal (delta 220Vac/star 440Vac) motor with digital speed measurement assembly
3	Is Training required (Y/N)	Y with digital speed measurement assembly
4	Is Installation required (Y/N)	Y
5	Quantity	i
5	Est. Cost Per Unit	100000
7	Estimated Cost	100000

Wayking a special & Signature





SNo	Field	Detail
1	Item Name	AC Motor Speed Control Trainer
2	Description/ Specification of item	AC volt meter and AC ammeter panel AC voltmeter(0-300V) AC Ammeter (0-1A) Instrumentation Power supply cum Michannel DPM panel a)+/- 12 V, 500 mA b)+5V, 300 mA Line synchronizing signal Multichannel DPM for digital display of speed, SCR Actuator (variable AC cum sensor signal conditioning panel Full bridges SCR based 0V-230 VAC/12Amp cosit firing with linear characteristics. Support signal conditioning circuit for speed to give output 0-2.5V DC (Full scale) Electrischer 0-1V/1000rpm Motor Specification Table top machine / Accessories: Fractional HP AC/DC motor 230VAC, 1/12 Hi Chasis mounted table top with brake pulley and spring balance (5 Kg) loading arrangement
3	Is Training required (Y/N)	Y TO THE STATE OF
4	Is Installation required (Y/N)	
5	Quantity	
6	Est. Cost Per Unit	100000
7	Estimated Cost	100000





Date: 22 December 2020



Department of Electrical Engineering

Item Inside Package Details

S No	Field	Detail
1	Item Name	DC Motor Speed Control Trainer
2	Description/ Specification of item	Instrumentation Power supply cum Multi-channel DPM panel [10 Shrouded Banana] (a) +/-12 V, 500 mA (b) +5V, 300mA (c) Unregulated 17V dc/750 mA (d) line synchronizing signal. (e) Multi channel DPM for digital display of speed, etc. 2] SCR Actuator (variable DC) cum sensor signal conditioning panel x 2 Nos. [4 Shrouded Banana] 1. Full bridge SCR based 0V-195V / 12 Amp cosine firing with linear characteristics. 2. Supports signal conditioning circuit for speed to give output 0-2.5Vdc (FS). 3. supplies required for DC Armature & DC motor field. 3] DC voltmeter and DC ammeter panel [14 Shrouded Banana] a) DC voltmeter (0-300V) b) DC Ammeter (0-5A) with polarity protection diode c) Field failure relay to control Armature supply. DC integrated Motor Specifications: 180V/300W/1500RPM with series shunt and compound windings, Chasis mounted table top with spring balance loading arrangement [10kg] and Electronic Tacho: 1V/1000RPM.
3	Is Training required (Y/N)	Y REPORTED TO SECURITY
4	Is Installation required (Y/N)	Y
5	Quantity	1
6	Est. Cost Per Unit	100000
7	Estimated Cost	100000







S No	Field	Detail
1	Item Name	Transformer Single Phase
2	Description/ Specification of item	2KVA, 50Hz, 230V Single Phase - Primary Tapping Com/50%/86.6%/100% - Secondary Tapping Com/50%/86.6%/100%
3	Is Training required (Y/N)	Y THE RESERVE OF THE PARTY OF T
4	Is Installation required (Y/N)	
5	Quantity	2
6	Est. Cost Per Unit	15000
7	Estimated Cost	30000





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Department of Electrical Engineering M.B.M Engineering College,

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Faculty of Engineering Jai Narain Vyas University, Jodhpur

NO. JNV.V/FE/HEE/20/560

Date: 19/10/2020

To.

The TEQIP III Coordinator, MBM Engineering College, Jodhpur.

Sub: Package details for inviting tenders.

Respected Sir,

For the development of Labs in Electrical Engineering Department, please find enclosed the complete details of items to be procured from GeM Portal of worth Rs. 7,55,000/-

Kindly find the details attached in the file and endorse the same as per rules.

Thanking You,

Prof. (Dr.) Jayashri Vajpai

Professor & Head

Electrical Engineering Department



(To be procured from GeM portal)

UPS

TEQIP - III M.B.M. Engineering College, J.N.V.U. Jodhpur



Department of Electrical Engineering

Date: 22 December 2020

S.No.	Name of the Equipment	Specifications	Expected		Tall
	Insulation Mats (Class A)	Insulating mats made of Elastomer (a generic term that includes rubbers, latex and elastomeric compounds that may be natural or synthetic or a mixture or a combination of both) for use as floor covering for the protection of workers on ac and dc installations with the system voltages up to 66 kV ac and 240 V dc and as per Cl 5 of IS15652 latest, Governing Specification: Conformity to Indian Standard: IS:15652, latest ISI Marked: Yes, Length: 5000mm, Width: 1000 mm	Amount 700/- for I meter	Quantity 150meter	Total Amount 1,05,000
	Transformer Oil BDV test set	Test Output: 0-100 kV rms (Rate of rise: 0.5 to 5 kV/ Sec), Accuracy: ± 1 kV, Resolution: 0.1KV, Switch off 'Time: ≤ Ims, Display: LCD, Controls: Through Key pad, Printer: Internal, Measurement Programmes (hint: Test sequences including as per latest IEC and other national/international standards as applicable): Fully Automatic Pre-programmed, User programmed Test Sequences, Operating voltage: 1 Phase 230 V ±10 %, 50 Hz ±5 % on standard sockets, Operating Temperature (in deg C): 0 to 50, Relative humidity: Max. 90% non-condensing, Protection: Short circuit, Other requirements: Facility for HV chamber interlocking, Facility for zero start interlocking, One complete set of electrodes and gauge for each set, All the accessories compatible with the instruments poyided for successfully carping on the set of the second se	330000/-per piece	1	330000

compatible with the instruments povided for successfully carrying out the test in Buyer's Substation, All the required accessories provided for smooth functioning of kit, Hard carrying case (which should be robust/ rugged enough) for ensuring proper safety of the kit during transportation, Availability of Type test reports to prove conformity of the specification: NABL Accredited Lab,

Online UPS should support for critical infrastructures such as Data Centres, Network operating centres, Security operation centres, State and District centres, Command and Control centre etc.,

across the Country to provide impetus to the e-Governnance services e.g. Public food distribution, e Way bill, Counseling, e-Office, IVFRT etc., services under Digital India Programme, On Line UPS Capacity/Battery back up time at full load/Minimum VAII: 10 KVA/60 Minutes/16385 VAH, Inverter Technology: PWM with IGBT, double conversion, Isolation transformer: Galvanic Isolation through inbuilt transformer at UPS output side, Output wave form: Pure sine wave, Noise level (I meter distance from UPS): </= 55 dB, UPS shall have cold start facility, Air cooled, Input:

Safety compliance requirement EMI (as per IEC)

3,20,000

1,60,000/-





		nt of Electrical Eng	Sincering
be procur	red from GeM portal)		74
	AC THREE PHASE, Input Voltage Range: 320 V to AC to 460 V AC 3 Phase, Input frequency range: 50 Hz +/-6% Hz, Input power factor at full output load leading to unity with active power factor correction (APFC): >/=0.92, Distortion (current): LESS THAN 10%, UPS shall have DG set compatibility, Output voltage: 230 V AC +/-1% Single Phase, Voltage regulation (Steady state) at No load to full load, 0.6 lag to Unity PF, During entire back up time. Complete input voltage range:+/-1%, Frequency: 50 Hz +/-0.5 % Hz, Minimum thickness (in mm) of M.S.Sheet Enclosure		
	for UPS duly powder coated, UPS shall be free from workmanship defects, sharp edges, nicks, scratches, burst, etc. All fasteners shall be fixed properly. The equipment shall be complete with all parts and all parts shall be functional, UPS enclosure's degree of protection as per IS:13947 (Part		
	1)/1993 latest: IP21, UPS shall have switches for: Mains ON/OFF MCB, Battery ON/OFF MCB/Fuse, Inverter push button with reset, UPS shall have switches for: Mains ON/OFF MCB, Battery ON/OFF MCB/Fuse, Inverter push button with reset, Standard quality Out put terminals shall be provided for output connection, UPS shall have static and manual by pass facility, UPS shall be supplied with required rated power cable (Copper): 5meter, Total Harmonic Distrotion (THD) for 100% linear load <3%, Total Harmonic Distrotion (THD) for 100% non-linear load		
	<5%, Operating temperature 0 deg C to 40 deg C, Humidity Upto 95% non-condensing, Crest factor on full non-linear load Not less than 3:1, Over all efficiency on rated full load of 0.9 PF and 230 Volt, 50 Hz AC output >/=85%, Inverter efficiency on rated full load of 0.9 PF and 230 Volt, 50 Hz AC output: >/=90%, UPS shall withstand Over load capacity - 110% for 2 Minutes, UPS shall withstand Over load capacity - 125%: for 30 seconds, Load power factor lagging to unity,		
	Transient response time (for 100% load change, output must remain within +/-1% and recovery): -20 milli seconds, Short circuit protection, Over load protection, Over temperature protection. Input low/high voltage control, DC low/high voltage trip, Battery shall conforming to JISC:8702(Pt.I.II&III) latest,</td <td></td> <td></td>		
	Battery type SMF VRLA, Country of origin for Battery India, Battery recharge time (after complete discharge to 90% charge) and charge rating: Battery recharge time to 90% charge after 100% DoD 8 to 10 hours, Battery charger should be capable to charge battery on C10 rating, VAH tolerance -1% of the defined capacity		









Date: 22 December 2020

Department of Mining Engineering





DEPARTMENT OF MINING ENGINEERING FACULTY OF ENGINEERING & ARCHITECTURE JAI NARAIN VYAS UNIVERSITY, JODHPUR



Dated: 16/10/2020

19 10 2020

No.: JNVU/FE/Mi/2020-21/D IJU

То,

The TEQIP Coordinator,

MBM Engineering College,

JNVU, Jodhpur

Subject: - Purchase of Govia Surpac Software.

Dear Sir.

Please find the specification details for the purchase of Govia surpac software as attachment under TEQIP-III budget head in the Department of Mining Engineering.

Thanking You,

Yours faithfully,

(Dr. R. P. Choudhary) Head

Deptt. of Mining Engg.



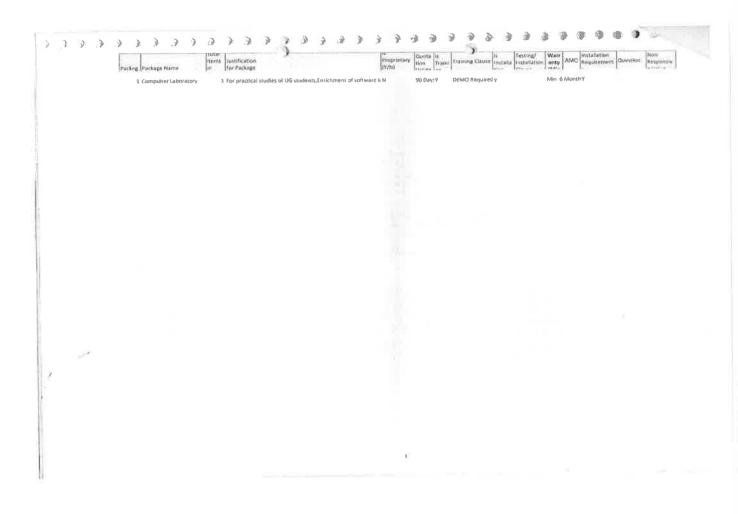


4

	Please Failous Link For more Information For Systems Manual	
System Manual		
V	The second of th	D0019-236/M/C p
Eudes Fee Phil55	the frame of the temperature of the mile of the adjustment of the same	
Field name	Part April April Parts	
Christoph Validity	Field Description	
is Truning	Their the number of days for which Chrotesian is required to be Yalddy	
in training	Pesared (r/h)	
Training Clause	Enter the training requirement, if any, the enter MA	
la brotallacion	Retained (V/h)	
Setting Installation Clause		
Wernaniy	titler the testing/installation requirement, if any Elsa enter fits	
AMC	Enter the sugressity period or recession is should not be less than 6 months. In case of no warranty street MA.	
Hitlefation Requirements	Mention whether AMC is equilicable Yes/ No or enter the AMC encount	
2470	blendum the enstallation requirement details for the selected items, if any	
Guestion	finite the description of the question to be asked during mortalism evaluation. Form the question such that response (answer) in Yes/ Net/ Net.	
Mini Responsive Value	belies the suite (Fer) No. No. has based on which the supplier will become non-responsive.	
	thats (midq porkug) Details	
Field Flams	Field Description	
ts Proprietary	This cherkbor will be editable only for Category "Goods" and Sub-Category "Equipments", Other the the thickbook if the package in a proprietary item. This is one of the important birds, related to the package.	
hers Nerve	Enter Name of an individual term this name will appear in bidding documents, purchase order/constacts and any other discovered whenever but of individual denses a duality ed-	
Description	Enter more information about the Arm. The description will be disabled in binding documents, more base under construction and are other document otherwise the of indeedual dense appears. The fields must mandature.	
Quedicy.	Enter Claimitie of the Horn to be procured. If the same form has been requisited by multiple Growthnessed wints within your institution, please add them and enter held quoting horn. This is any of the important Golds relativist to that user.	
IAF. Corpt Flor Lifett	Hater farmered Out for the Co. Block C.	
stimeted Con	This is a read only field. This will got auto-calculated by the system as disentity " Est. Cost Per- Line.	
	Venetical Unitaria,	
Chordwinn Validay Is Training Classe Is histalistan In histalistan Petting first distan Classe Watranty AMC Instalistan Requirements Classification Requirements Classification Requirements It Proprietary Is Proprietary Is Proprietary In Prop	\$120.000.000.000.000.000.000.000.000.000.	
ffree	finter the address of the Supplier	
te.	Enter the obj of the Scooler	
politic Suprage	Enter the state of the Supplier	
nife limite	Safett the source of supplier i.e. the source from which the supplier was found	
ref (b) Code	Crist if Supplier Source is Orbita's them type the source Foter the Email ID of the Supplier	
me Of Representative	Enter the Pin Code of the Supplier	
256 Number	Enter the Representative of the Supplier	
Mutater		
Number		
finanie	Defined Payment Terms	
eletius Period	Field Description Members the person or which shis delivery is expected once the contract in signed	

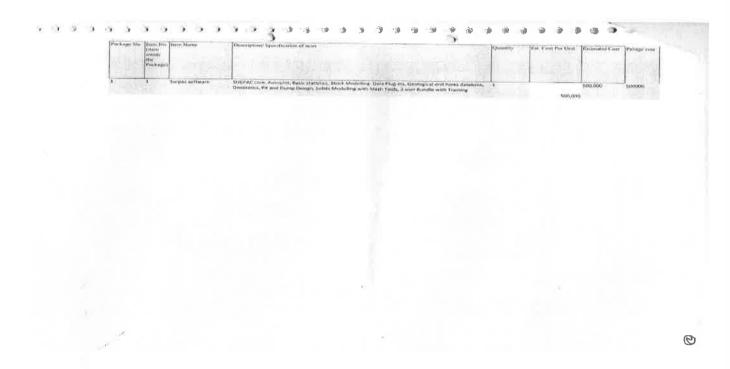
















	_	Package No = 1
.No	Field name	VALUE
	1 Completion Period	45 days
	2 Payment Percentage	100% After Installation and testing
		Package No = 2
S.No	Field name	VALUE
	1 Completion Period	45 days
	2 Payment Percentage	100% After Installation and testing
		Package No = 3
S.No	Field name	VALUE
S.No	Field name 1 Completion Period	- Trans
S.No		VALUE
S.No	1 Completion Period	VALUE 4S days
S.No	1 Completion Period	VALUE 45 days 100% After Installation and testing
	1 Completion Period	VALUE 4S days
S.No	1 Completion Period 2 Payment Percentage	VALUE 45 days 100% After Installation and testing Package No = 4





Date: 22 December 2020

Department of Mechanical Engineering

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Emall: hodmech.mbm@invu.edu.in

PHONE Off. (0291)- 2515356



FACULTY OF ENGINEERING & ARCHITECTURE, M.B.M. ENGINEERING COLLEGE DEPARTMENT OF MECHANICAL ENGINEERING JAI NARAIN VYAS UNIVERSITY, JODHPUR-342011 RAJASTHAN (INDIA).

140 20/10/2020

Professor & Head

NO: JNVU/FE/HME/ 57

DATE: 20/10/2020

To,

The Coordinator TEQIP-III

In reference to your e-mail dated 19/10/2020, we are providing you the detail specification of packages under TEQIP-III fund. It is our request to proceed forward as per the purchasing rules under TEQIP-III for procuring these items for our department.

Thanking You

Dr. Dinesh Shringi

Prof. & Head





Packeg No.		Total items in Package	Justification for Package	Is Proprieta ry (Y/N)	Quotati on Validity 90 days		Testing/ Installation Clause	Warranty (Min 6 Mounth)	AM C		Non Responsive Value
14	Witness Simulation 5	1	Lab Upgradation	Y	90 Day	Operational and Maintenance Trainning	N/A	12 Month	N	Compliance for each parameter of specification provided	N/A
15	Solar photovoltaic Power Generation and Training System	1	Lab Upgradation	N	90 Day	Operational and Maintenance Trainning	N/A	12 Month	N	Compliance for each parameter of specification provided	N/A
16	Solar PV efficiency measurement system		Lab Upgradation	N	90	Operational and Maintenance Trainning	N/A	12 Month	N	Compliance for each parameter of specification provided	N/A
17	Multifunction Instrument for measuring	1	Lab Upgradation	N	90	Operational and	N/A	12 Month	N	Compliance for each parameter of specification provided	N/A
18	Pyranometer for solar	1	Lab Upgradation	N	90	Operational and	N/A	12 Month	N	Compliance for each parameter of specification provided	N/A
19	Digital Portable solar power meter with sensor	1	Lab Upgradation	N	90	Operational and Maintenance Trainning	N/A	12 MONTH	N	Compliance for each parameter of specification provided	N/A







Date: 22 December 2020



S.no.	Name of laboratory	Name of Equipment	Quanti ty	per unit (Lakhs)	Total Amount (Lakhs)	Remarks For justification	Specification of the equipment
1.1	Solar Lab	Solar photovoltaic Power Generation and Training System	1	2.70	2.70	New	Experimental capabilities The system should be able to measure, analyze and train the following parameters of Solar PV Module Open circuit voltage of Solar PV module Short circuit current of Solar PV module Parameters measurement with parallel connected PV modules Parameters measurement with series connected PV modules Parameters measurement with series connected PV modules PV characteristics of PV Module PV characteristics of PV Module Voltage, current at maximum power point and Fill Factor Measurement Basics of MPPT, Charge controller and Inverter TECHNICAL SPECIFICATIONS Solar Panel Two solar PV Module with a peak power of 250 watts of each module should be provided. The module should be made of Poly crystalline cells with each cell of the modul should give an open circuit voltage in the range of 0.55-0.6 volts and short circuit current density in the range 30-3 mA/cm². Inverter The Inverter with following specifications should in provided. Capacity:500VA DC Input voltage:24V





Date: 22 December 2020

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TEQIP-III EQUIPMENT LIST (MECHANICAL ENGINEERING DEPARTMENT)

5.no.	Name of laboratory	Name of Equipment	Quanti ty	Cost per unit (Lakhs)	Total Amount (Lakhs)	Remarks For justification	Specification of the equipment
		.0					Mains Input Voltage:190–260V AC Output Voltage on Mains mode: Same as input Output Voltage on UPS mode:210–245V Output Frequency on UPS mode:50Hz±0.1Hz Output waveform on Mains mode: Same as input Output waveform on Mains mode: Same as input Output waveform on UPS mode: Modified Sine wave Battery Charging Current:12A Battery Charging Mode: Solar and Mains Efficiency at full load:>80% UPS Overload / UPS Short circuit: Yes Technology: Microcontroller Based Design LED Indication: Mains ON, UPS ON, Low Battery, Charging & Over load Charge Controller The charge controller should have the following specifications. Solar PV Module Voltage: 35–70V Current: 20A Battery voltage: 24V Charging method: 4 stage battery charging - Deep discharge/Boost/Absorption/Trickle mode Temperature compensation: Built-in ambient temperature sensor & battery temperature sensor Efficiency (%): Up to 98.8% Charge Controller type: Maximum Power Point Tracking (MPPT) charging technology MPPT Technology: Dual channel interleaved buck converte Battery Two batteries with the following specifications should be provided. Capacity: 100Ah. Type: C10

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S.no.	Name of laboratory	Name of Equipment	Quanti	Cost	Total Amount	Remarks For	Specification of the equipment
				unit (Lakhs)	(Lakhs)	Justification	
							Meters The following meters shouls be provided DC Voltmeter: 0-300V, 2 Nos. DC Ammeter: 0-20A, 3 Nos. AC Multi Function Meter: Voltage-10-230V, Current-100mA-5A, Watt-10-1200 W, Frequency-50Hz Safety and Protection MCB (DC): 16Amp. for solar panels and 25 Amp. for battery, 2 Nos. MCB (AC): 6 Amp. AC output load protection & Grid Charging, 2Nos. Fuse: 10 Amp. for Individual protection of solar panel and battery, 4Nos Banana Terminals: 10 Amp. & 20 Amp. (shock proof connections) List of Accessories The following meters accessories should also be provided Patch Cards: 20Amp. & 10 Amp. Mains Card: 2 Nos. Wires: 2.5 Square mm of suitable length Gravity Hydrometer: 1 No. BNC to BNC cable: 1 No. Glass Fuse 10Amp: 1 Nos. Rheostat 100W 8Amp: 1 No. Structure for Solar Panel Material: made of MS Tracking Type: Manual, Dual Axis Seasonal and day wise Ouantity: 2 sets.





Date: 22 December 2020

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5.no.	Name of laboratory	Name of Equipment	Quanti ty	Cost per unit (Lakhs)	Total Amount (Lakhs)	Remarks For justification	Specification of the equipment
							board panel.
1.2	Solar Lab	Solar PV efficiency measurement system	1	2.50	2.50	New Technology	Experimental capabilities The system should be able to perform and train the following tasks of Solar PV Module To understand the design and assembly of a standalone solar PV system. Ability to identify and specify various components used in a standalone solar pv system. To identify ratings of the equipment's used in standalone solar PV system, line solar PV modules, battery, inverter and load. To understand the efficiency analysis and ability to find out the efficiency of standalone system. TECHNICAL SPECIFICATIONS Two solar PV Module with a peak power of 50 watts of each module should be provided. The module should be made of Poly crystalline cells with each cell of the module should give an open circuit voltage in the range of 0.55-0.65 wolts and short circuit current density in the range of 0.55-0.65 wolts and short circuit current density in the range of 0.55-0.65 wolts and short circuit current density in the range of 0.55-0.65 wolts and short circuit current density in the range of 0.55-0.65 wolts and short circuit current density in the range of 0.55-0.65 wolts and short circuit current density in the range of 0.55-0.65 wolts and short circuit current density in the range of 0.55-0.65 wolts and short circuit current density in the range of 0.55-0.65 wolts and short circuit current density in the range of 0.55-0.65 wolts and short circuit current density in the range of 0.55-0.65 wolts and short circuit current density in the range of 0.55-0.65 wolts and short circuit current density in the range of 0.55-0.65 wolts and short circuit current density in the range of 0.55-0.65 wolts and short circuit current density in the range of 0.55-0.65 wolts and short circuit current density in the range of 0.55-0.65 wolts and short circuit current density in the range of 0.55-0.65 wolts and short circuit current density in the range of 0.55-0.65 wolts and short circuit current density in the range of 0.55-0.65 wolts and one of 0.5





Date: 22 December 2020

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S.no.	Name of laboratory	Name of Equipment	Quanti ty	Cost per unit (Lakhs)	Total Amount (Lakhs)	Remarks For Justification	Specification of the equipment
							Voltmeter of 0-300V AC, one Ammeter of 0-5A AC. The meters should be assembled in an interactive panel board with all safety and protection devices. Necessary accessories for efficiency measurement of solar PV panels should be provided.
1.3	Solar Lab	Multifunction Instrument for measuring and performance testing of single- phase solar PV system	1	3.30	3,30	New Technology	Experimental capabilities The instrument should be able to measure the following. Measurement of output voltage from module/string up to 1000V DC Measurement of output current from module/string up to 10A DC Measurement of solar irradiation [W/m²] with MONO Crystalline/MULTI Crystalline Silicon reference cell Measurement of temperature, automatic or by means of probe PT temperature probes Measurement of temperature probes Measurement of I-V Curve of a module Numerical and graphical display of I-V characteristic Measurement of the resistance of photovoltaic module series Technical Specifications The Instrument should have the capabilities of current voltage curve tracer (I-V curve) for both of a single module and for strings of modules for PV installations up to 1000 and 10A. The acquired data should be processed an translated at reference conditions (STC) to be compared with the nominal data declared by the manufacturer of the





Date: 22 December 2020

(10)

,no.	Name of Jaboratory	Name of Equipment	Quanti ty	cost per unit (takhs)	Total Amount (Lakhs)	Remarks For justification	Specification of the equipment
							modules. Output current or voltage from the module or string. Should be measured with the 4-terminal method to allow extending the measurement cables without requiring any compensation for their resistance for accurate and precise measures. It should be able to connect irradiance sensor and temperature probe directly on Solar I-V tracer. The temperature probe will be positioned on the back of the photovoltaic module in order to compensate for the drop in performance of the module as a function of temperature. The irradiance sensor is located next to the photovoltaic module using the appropriate bracket, will measure the solar radiation. Detection of I-V curve on PV modules and strings:128 points Measurement of irradiation with with MONO Crystalline/MULTI Crystalline Silicon reference cell Temperature measurement of cell and environment PT temperature probes. DISPLAY AND MEMORY Features 128x128 pixel custom LCD with backlight Memory capacity:256kbytes Saved data 249 curves (I-V curve test), POWER SUPPLY SOLAR I-V internal power supply:6x1.5V alkaline batteries OUTPUT INTERFACE To be Provided PC interface with software for Windows PC communication port optical/USB
1.4	Solar Lab	Pyranometer for		1.50	1.50	New Technology	Experimental capabilities The instrument should be able to measure global solar





Date: 22 December 2020

(2)

i.no.	Name of laboratory	Name of Equipment	Quanti ty	Cost per unit (Lakhs)	Total Amount (Lakhs)	Remarks For justification	Specification of the equipment
	×	measurement					radiation measurement on a plane/level surface. Technical specifications The instrument should be based on thermopile with sixty-four thermocouple junction (series connected) sensing element. The sensing element should be coated with a highly stable carbon based non organic coating to deliver excellent spectral absorption and long term stability characteristics. The Pyranometer should not require any power. Spectral range (50% points): 285 to 2800 nm Sensitivity: 5 to 20 μV/W/m² Response time: 18 s Zero offset A: < 10 W/m² Zero offset B: < 4 W/m² Directional response (up to 80° with 1000 W/m² beam): < 20 W/m² Temperature dependence of sensitivity (-10 °C to +40 °C): < 4 % Operational temperature range: -40 °C to +80 °C Maximum solar irradiance: 2000 W/m² Field of view: 180 °
1.5	Solar Lab	Digital Portable solar power meter with sensor	1	0.2	0.2	New Technology	It should be able to measure solar irradiation (W/m²). It should be used in combination with a MASTER instrument to carry out d measurements for testing/recording the efficiency of single phase PV installations.





Date: 22 December 2020

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S.na.	Name of laboratory	Name of Equipment	Quanti ty	Cost per unit (Lakhs)	Total Amount (Lakhs)	Remarks For justification	Specification of the equipment
1.6	Computer Lab	Witness Simulation Software (Proprietary)	1	8.60	8.50	New Technology	"Witness Simulation Software (Latest version) For - Industrial Engineering - Manufacturing Automation - Supply Chain & Logistics Management - Operations Research - Production Planning & Control - FMS/CIM"
_	-	Total	amount	_	18.6		





Date: 22 December 2020

Tο

Prof. Ravi Saxena The Coordinator TEQIP-III, MBM

Dear Sir

Following is the proposals to be put into BOG meeting for TEQIP-III for the overall improvement of technical and soft skills of the students of MBM Engineering College and to promote research by the faculties.

	Proposal	Head	Lea
1.			Expenditu e
12.1	upgrade the skills of faculties and students.	Research and developmen	75 lakhs
2.		t	
	and rural back ground students of the weaker section	EAP	25 lakhs
3.	reconnical Training of Students in		
	technology such as Al and Machine Learning	EAP	10 Lakhs
4.			To covita
	nurture the creativity of students and to provide facilities to to convert ideas into products.	Innovation	60 lakhs
	Total		
			170 lakhs

Prof. Arvind Kumar Verma Training and Placement Officer MBM Engineering College Jodhpur





Date: 22 December 2020



ANT ENGINEERING PVT LTD C 87 DDA Sheds. Ohille Industrial Area Phone 1, New Defilt. 110020 +91-889 012 5872 sales@ant-pc.com www.ant-pc.com

Quotation To:
Name: Arvind Verma
Contact No 9414918868
Email: akverma.pi@invu.edu.in

ANT PC PREDOLE X826X

Date of quote: 2020-12-04 10-09-36

Ountation IQ, 12334

QUANTITY



589,038.00

TOTAL

DESCRIPTION
Processor: AMD Threadripper 3960X (24Cors, 48Threads, Upto 4.4 Ghz)
Motherboard: TRX40 Chipset ATX Motherboard

Power Supply

Cpu Coolett

360 mm AlO Liquid CPU Coolet

Case: Full Tower Cabinet

OS: Latest Ubunitu with Guda Drivers

Services: Premium Pius - 3 Yeara Create part

Premium Pius - 3 Years Crisite part replacement/repair warranty from Ant PC with Lifetime technical support & 30 Days DOA Policy

SUBTOTAL 499,184.75 GST(18%) 69.863.25 GRAND TOTAL 589.038.00

BANK ACCOUNT DETAILS:

NAME OF AC HOLDER : ANT ENGINEERING PRIVATE LIMITED KOTAK MAHINDRA BANK UMITED NAME OF BANK :

NAME OF BANK BRANCH : Nehru Place New Oalbi

Thank you!





Date: 22 December 2020

dinadvantaged.

TECHANICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME (PHASE - III) FORMAT - EQUITY ACTION PLAN



M B M ENGINEERING COLLEGE



		Sub-activity / Action	Coordinator	Executing	Date and	_		
1	Diagonistic Test	a identify the academically weak / struggling students we require more attention / remedial classes & support b. Se	ĥo	Agency Project	Duration	Frequency	Monitoring Indicators	Estimateo Expenditur
-		weak students from I year new currents a. Constitute a committee of 1 - 5 Profe includes here.	Sayena Prof P M Meen	institutions		At beginning coch somester	marks in akans or below 60% in	
2 8 5c	c language knowledge, off skills and confidence evels	science and communication English language experts, set lab for English language to improve proficiency in Develop proficiency modules of induction program a Pregine guidance tools for teachers to iteract with student who are culturally or linguistically less exposed to professional / technical education including linguistical modulum and part of the 3ylliday.	id Germanne Germanner Starter	Project institutions / Subcet accen- lodustry		Continuous	Better transition rates of first year students into 200 year with passed all courses	1,50.0Gi
,04%	owledgescompetency d confidence levels	Execute bridge remedial courses teaching (extra element utorials conducted by fiscally) and other measures to bring stallarms to required level of proficiency to cope with mann abjects	Prof. Rajesh Ethndodu, Prof. S. K. Singh (M), Prof. Millind Sharma	Project unstitutions / Subset expent Industry	Throughout the semesters / year	Cretinaous	Pencenage trensiting from Ist / 2nd year	1.50,000
COD	titution to improve non- white and soft skills uding communication		Prof Ravi	monsty			onwards until odded in all	





Date: 22 December 2020

(Appendix-II) Revised Equity Action Plan

TECHANICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME (PHASE - III) FORMAT - EQUITY ACTION PLAN

		FORMAL - EC	Coordinator	Executing Agency	Date and Duration	Frequency	Munitoring Indicators	Estimated Expenditure
5. No	peachers priority will	Institutions to identify needs and indicate in their Faculty Development Plan haw they would build equily to uppendent faculty qualifications and skills	The HODs, Dean Find Revi Suscend Prof A K Verma	Project institutions and	Throughout the semesters facility	Yearly	Increase in precuntage of leachers combined for M Tech & Ph D reported yearly	50.000
		Training Needs Analysis (TNA) to be carried out for all teachers in all project institutions by appropriately qualificate and experts especially to leach weak students	SETUI ANTI-	Project fustitutions and SPFLis / Subcet expert / Industry	Throughout the semesters / year			
		Institutions to prepare Faculty Development Plan for Project period (using identified providers for Pedagogy or Suttinua Training Calendar for subject training), giving priority to torchitis with the most significant gaps in knowledge.	o Pinf Ravi Sucen	Project materials and a SPEEs / Subsc expert / industry	Throughout the semesters / year			
		skills as diagnosed by the TNA All truchers are to be covered by finining in pedago- including teaching of weak students, helping students we special needs achieve their learning goals, and understanding of equity and equality students' rights and entitlements, i.e. non-inscriminators (practices).	En Prof Ravi Seatt	expen .	Throughout the semesters i year	TNA to be do hefore the preparation of Institutional		
0	Training of leachers subject moder as to polytery particularly improve the performance	or to the state of the done on the basis of need-link up to with industry to keep abreast of cutting edge technology	The HODs The Prot Ravi Saw Prot A K Verms	THE SPECIS I Sub-	Throughout the semesters / yea	Developmen Proposals,	planned trains completed a cry reported:	3.30.0
	or weak sudents	Institutions to report to the SPTUs on progress in train- plan every 6 monitor thy mann, department, indivi- cious-terestos functuales \$C.65T0/BC. MHF, ago, year service, level, degree qualifications), type and duration training received, etc., and the SPTUs to send aggregated	The HODs, D of Prof Ravi Sax	Project our institutions crus dPPUs : sub expert / Industry	semesters / yes		11	
		Training providers to furnish training evaluation to twitch indicate the extent to which the gaps in a trait knowledge or skills including teaching of weak star have been addressed) to Institutions and the SPFUs	Davi San	Project Denn instinutions April SPFUs / Su na expert / Industry	Throughout II			





Date: 22 December 2020

TECHANICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME (PHASE - III)

	S. No Activit		Sub-activity / Action		inator	Execu Agen	cy Dt	rte and	Frequ	ency Monitor Indicate	TOURIST PARTIE
L	Make campus friendly, provide	gender-	In addition the Project would curry out Satisfaction S to assess training echievements		Verma	Frage institution SPFUs75 experi	Stand Subscription Somes	ghout the ers / yes		indicate	ra Expenditu
8	Hold manuation	ki a	institutions to specify in their IDPs what actions they take to ensure a gender—friendly compus—both 'soft citions, and civil works where necessary	Vzjeai, Dr. Ovebna		Projec Institution Subect exp Industri	ns / Throug eri (someste	hout the	At the tin IDP and a insplement propose	provide reported as including no.	orts 50,000 of
9	Workshops Sharing information knowledge	tt and	he SPFUs and key Institutions to organize workshops emails: focus	With Pool A.K. Vo	val	NPIU i sej	Semester	out the	Yearly	The state of the s	
10	engineering courses colleges Frovide appre	and like	organising rural camps at the school level	Choudhary		Dealing wit econdary a rechnical education	nd Througho	out the Lyear	Yearly	Princentary in improvement performance o	บ
	for weaker students Special efforts	ge full kiy wee	providing facility for improvement of language skills duer students	of Prot A K Ver Att Noveen Si	2.331.23	Profesi retitations : about export ladustry	Throughous somesters	ut the Tyear	Yvarly	Percentage of Improvement in performance of students	1
-	placement of weak dustrials	This o	realer networking with industry	Prof A K Vern	Sut	Project Stitutions : best expent	Throughou semesters /	i the	Custinious	Proceedings of improvement in	50.000
1	Two tier grievance redi mechanism (GRM) become that institutional	trelep	fuce, and publicise widely, a two tier GRM at the (i), alms; (ii) State level, he addition to a bottine none), an amail address would ensure anonymity.	Paul Ravi Saxer Da S. S. Ssunkl	is Insti	Industry Project Indicas and SPFUs	Throughout Somesters / y	the l	Continuous	performance of weak students Percentage of improvement in	25,000
0 55	mechanisms to pro- ind address the needs a oncerns of wors fallents are established.	en institu		Prof Jushi Vaipel, Dr. Abhrlasha Choidhery	es listi	Project tution #SP File	Throughout t	the	ontinuous	GRM cases Percentage of mduction in women cases	50,000
10	erclop standard model track student progress or Learning Groups of	Mail bei	stoping website on the basis of previous semester F centage / marks from the students database	Sh. Sanu Meena	Insti	mjeet lations/	Throughout th	né Co	กป่านอนร	Petcealage of improvement to	56,000
380	dents	and join	1	De. S. S. Sankhla Mes Khanhos Kanwar	instita subect	ojeci ations /	Phroughout the		- 1	Percentage of happrovement to	25006





Date: 22 December 2020

TECHANICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME (PHASE - III)

		TECHANICAL EDUCATION QUALITY I	NAT - EQUITY ACTION PLAN		Date and	Frequency	Monitoring	Estimated Expenditure
A.		Sub-activity / Action	Coordinator	Agency	Duration	K150[0.00.03	Diameter	Expension
No.	Appointing System Municipal and Family	Accepting Student mentors for 6-II juntor students and Appointing Faculty Advisors for 10-15 Students student mentors. Faculty Advisors can guide the students and	Prof A K Verma, In Shailesh Choudhac, Ms Santo h Meena	Project institutions / Subset expect/ Industry	Throughout the seminsters I year		Percentage of improvement to previous results	
						Total Expenditure, Rs.		21,00,0





Board of Governance(BoG)

Meeting Attendance

Dated: 14 Dec 2020

Meeting Time: 11:45 AM

Venue: Conference Hall, Dean Office

venue: (Conference Hall, Dean Office	
S No	Present Members	Signature
1.	Prof. D G M Purohit (Chairman)	For
2.	Prof. J L Kankariya	online
3,	Prof. K L Sharma	AM
4.	Prof. K R Chowdhary	Absent
5,	Prof. Sunil Sharma (Dean, Faculty of Engineering & Arch.)	14/12/2020
6.	Prof. Dinesh Shringi	Jul12/20
7.	Prof. Ravi Saxena (TEQIP-III Coordinator)	Rave 14/12/20
8.	Prof. D S Hooda (AICTE, Nominee)	online
9.	SPIU, Rajasthan, Special Invitee	Absent
10.	Or. V. Manikandan (TEQIP-III Coordinator, CIT, Mentor Institute) Special Invitee	Absent
,	1 1/10	

11 A.K. Vering

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<u>*</u>