



DR. KHOOBCHAND BAGHEL GOVT. PG COLLEGE

Bhilai-3, Dist:- Durg, Chhattisgarh

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Registered Under Section 2(F) & 12(B) of UGC Act

Affiliated to Hemchand Yadav University, Durg (C.G.)



6.2.1 The institutional Strategic / Perspective plan is effectively deployed

**Submitted Documents: RUSA proposal for infrastructure grant.
Upgradation data.**



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Revised Copy.

कार्यालय प्राचार्य, डॉ. खूबचंद बघेल शासकीय स्नातकोत्तर महाविद्यालय, भिलाई-3 जिला-दुर्ग (छ.ग.)

फोन नं. 07826-255175

Email: bhilai3_college@yahoo.in

Web Site -www.govtpgcollegebhilai.com

NAAC ACCREDITED B+ INSTITUTION

कमांक 544/2018

भिलाई-3 दिनांक 2/6/2018

प्रति,

राज्य परियोजना संचालक
राष्ट्रीय उच्चतर शिक्षा अभियान,
पुराना संचालनालय भवन,
रायपुर (छ.ग.)

विषय :- राष्ट्रीय उच्चतर शिक्षा अभियान (रूसा) के अंतर्गत नई सुविधाएं एवं लैब उपकरण कय करने हेतु
पुनरीक्षित प्रस्ताव का प्रेषण ।

संदर्भ:- आपका पत्र कमांक Q / 2018 रायपुर दिनांक 31.05.2018

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उपरोक्त विषयांतर्गत पूर्व में भेजे गये प्रस्ताव को पुनरीक्षित कर अग्रणी महाविद्यालय द्वारा परीक्षण के
उपरांत में चाही गई जानकारी निर्धारित प्रपत्र में आपकी ओर प्रेषित है ।

संलग्न:- उपरोक्तानुसार ।

(डा. के.के.अग्रवाल)

प्रभारी प्राचार्य

डॉ.खूबचंद बघेल शासकीय स्नातकोत्तर महाविद्यालय
भिलाई-3 जिला दुर्ग (छ.ग.)

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Dist. Rusa Coordinator
Govt. V.S.T. PG. Autonomous
College Durg.



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Dr. K.C.B.Govt. PG College Bhilai-3 Dist : Durg (CG)

DETAILS OF EQUIPMENTS(REVISED)

SN	Head	Amount
1	New Facility Creation	265500
2	Computer Facility	2289089
3	Lab Equipments (As per list 3A to 3F)	1859220
4	Smart Classroom	595178
5	Furniture for classroom	65000
6	Furniture for Lab	334758
7	Books	150000
8	ICT facility like- LCD, Smart Board, Projector etc	441255
	Total	6000000


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1. New Facility Creation :

Item	Specification	Facility Available	Requirement	Justification	Approximate Cost
Inverter <i>Annexure 1</i>	Inverter with tubular battery. With trolley. 3 star energy rating. 2KA/8640 VAH. Backup time minimum 180 minutes. Technology IGBT-PWM	Nil	02	1. Power back up facility is required as institute is located at semi urban area. 2. Uninterrupted Power supply is essential for institutional work.	100000.00
UPS (U power supply interrupted) <i>Annexure 2</i>	UPS 2.0 KVA, Single phase 160v-260v , 50 Hz. Backup time 60 minutes. VAH-1872. Technology-MOSFET-PWM with inbuilt isolation transformer. Mobile trolley	Nil	03	Power back up facility is required as institute is located at semi urban area. Uninterrupted Power supply is essential for institutional work.	144000
UPS <i>Annexure 3</i>	0.5 KVA, Single phase, 230V/50Hz, SMF-VRLA confirming to JISC-8702 Pt 1, 2 & 3	05	10		21500
Total : 265500					

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2. Computer Facility (Revised)

Item	Specification	Available Facility	Requirement	Justification	Approximate Cost
Desktop Accr Veritor m 210 – H 110 desktop (Annex-4)	Intel Core 2 Duo processor, 4Gb DDR ram, 1TB HDD, 18.5 Monitor	35	47	1. Computer, Scanner, Printers and A.C. are required to establish a computer Lab for the availability of online Courses like SWAYAM, NPTEL etc. 2. Accessibility to e-text, Video lectures, INFLIBNET data sharing etc.	1457940
4640g- i7 -7100 desktop (Annex-5)	Intel Core i3, 8GB DDR ram, Wireless KB and Mouse, Wind 10, 21.5' monitor	Nil	05		254950
Hp probark Laptop (Annex-6)	Core i3 laptop, 4Gb DDR ram	1	02		91000
Cannon lit 120 scanner (Annex-7/8)	Color image scanner, Doc size A4	2	2		7980
Hp Laser printer 1020 (Annex-10)	HP laser Printer, monochrome, resolution 600X600, paper size a4	8	8		96000
Ac (Voltas 2.0 ton 5 star split ac 245 dyi) (Annex-9)	AC 2 ton with compressor unit, 5 star split ac	1	6		265740
Pen Drive	32 GB pen drive, sandisk	02	01	To store data and files	636

[Signature]
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Color Printer <i>Annex-11</i>	Color Printer, Ink Tank Type,	Nil	01	For printing	18200
Document Scanner	Integrated sheet and flat bed scanner, Doc size A3, Opt res 600DPI, Daily duty cycle 3000 pages, Scanning feature Dulex.	Nil	01	Essential of scanning large volume of papers. Essential for office work	88500
Portable hard disk <i>Annex-12 -</i>	Data storage 2TB, Speed 7200RPM, Type A USB, USB 3.0 Cable, Data transfer rate 1GB/Sec	01	01	Essential for storage and protection of important datal.	8143
Total					2289089

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3. Lab Equipments

Department		Approximate Cost
Physics	As per list 3 A	400000
Chemistry	As Per list 3 B	412000
Botany	As Per list 3 C	239500
Zoology	As per list 3 D	226300
Home Science	As Per list 3 E	225000
Sports Equipments	As Per list 3 F	356420
Total:-		1859220

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Department of physics

Requirement of equipments and Approximate Cost

S.NO.	NAME OF APPARATUS	SPECIFICATIONS AND MAKE	JUSTIFICATION	COST	QUANTITY	AMOUNT
1.	LAURENT'S HALF SHADE POLARIMETER	Comprises of polarimeter half shade, Sodium light source (Starting Voltage: 470 V, Input Voltage: 230V 50Hz Lamp House: 300x85mm (L x dia.) Aperture dia: 25 mm. polarimeter tube, beaker, funnel, pipette. INDOSAW SK018/ BESTO Cat. 1531/ OMEGA JAIPUR	1. These instruments are required for the Practical Classes of the Students as per University Syllabus 2. Physics department already have few instruments in this list of apparatus (required) Some listed instruments are not in working condition due to ageing and not repairable condition (damaged)	Rs 9000/-	01	Rs 9000/-
2.	DIODE LASER DIFFRACTION EXPERIMENT	Comprises of Diode laser with power adapter, optical bench, Transverse saddle, Saddle with micrometer, diffraction grating (15000 lines), slit holder, pin hole detector, etc INSOSAW SK078or 173/BESTO BASIC DIODE LASER KIT BESTO CAT. 1655 / OMEGA/EQUIVALENT		Rs 32000/-	01	Rs 32000/-
3.	BI-PRISM ASSEMBLY COMPLETE WITH BENCH OF BRASS PIPES/SS	Complete with optical bench of one meter long with 5 riders & Bi-prism assembly and Fresnel Bi-prism. BESTO CAT. NO.1836 /INDOSAW/ BESTO/ OMEGA/EQUIVALENT		Rs 30000/-	01	Rs 30000/-
4.	FRESNEL'S BIPRISM	Size 30x40mm or 40x50mm BESTO Cat. 1837 / OMEGA/INSIF		Rs1500/-	02	Rs 3000/-
5.	BALMER SERIES AND RYDBERG CONSTANT	Comprises of Diffraction grating, Spectrum tube, power supply, Hydrogen tube, Power supply 12V AC/DC Spectrometer (Brass, dia. 175mm.) And Goniometer etc. INDOSAW SK043/ BESTO CAT NO.1590./ OMEGA/EQUIVALENT		Rs 56000/-	01	Rs 56000/-
6.	ADVANCED SPECTROMETER	It is a very precise instrument with enhanced aesthetics. The graduated scale is fitted on the spindle and two double ended verniers. Both telescope and scale have provision for coarse and fine movement. The prism table has leveling screws and markings on it for positioning of prism. The spectrometer is mounted on a wooden base board. It is supplied with Prism (EDF), Magnifier, Allen Key, Grating Holder and Prism Holder. Scale: Brass, Dia. 175mm. Objective : Achromatic, focal length 178 mm, aperture 32mm Slit : German silver. Reticle : 90°cross etched on glass. Least count: 20 seconds Base: Aluminium Casting. Indosaw SL 806/ BESTO CAT1578b		Rs22000/-	01	Rs 22000/-
7.	EXPEYES -17 KIT (OPEN HARDWARE kit) (Experiments for Young Engineers & Scientists)	Open Hardware (ExpEYES-17 is interfaced and powered by the USB port of the computer, and it is programmable in Python. It can function as a low frequency oscilloscope, function generator, programmable voltage source)		Rs 6000/-	02	Rs12000/-

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8.	Planck's constant apparatus	Dual range Power Supply 0-1 VDC/0-50 VDC with one dual range voltmeter & one sensitive micrometer of 100A. Photo cell mount in wooden box having window for injecting light & also for sliding the various filters. Light source & set of filters. Planck's Constant Apparatus INSIF E 1352 /BESTO Cat. 2017/ OMEGA/Indosaw		Rs 16000/-	01	Rs16000/-
9.	Cathode ray oscilloscope 50 MHz Digital Oscilloscope Annex 13/2/1	Bandwidth 50MHz Real-time Sampling Rate 500 MSa/s, Equivalent Sampling Rate 50GSa/s. Memory Depth: 32Kpts Trigger types: Edge, Pulse width, Video, Slope, Alternative Unique Digital Filter function and Waveform Recorder function Support pass/fail function. 32 parameters Auto Measure function Save/recall types: Setups, Waveforms, CSV file, Picture Waveform Intensity and grid brightness can be adjusted SCIENTECH Rigol 401/ equivalent model		Rs 22000/-	03	Rs66000/-
10.	Newton's ring Apparatus complete Annex 13/5.	Comprises of Newton's rings unit, Sodium light source, Bridge type microscope, Wooden block, Spherometer double disc and Plano convex lens with plane glass plate INDOSAW SW 029/INSIF/OMEGA BESTO/ Equivalent		Rs 16000/-	01	Rs16000/-
11.	Digital function generator	Frequency range 0.2Hz to 1 MHz in seven decade steps, Sine, Square and triangle output Wave. BESTO Cat. 2127 / OMEGA/EQUIVALENT		Rs 12000/-	03	Rs36000/-
12.	Resolving Power of Telescope	Comprises of reading telescope, variable rectangular slits, raveling microscope etc. Besto Exp. No. 90 /Omega/ Indosaw/Equivalent		Rs 12000/-	01	Rs12000/-
13.	Transistor Characteristics Apparatus	Built in continuously variable two regulated power supplies, Four MO-65 moving coil type meters to monitor voltage and current with their separate terminals for each meter. BESTO Cat. 1968 / OMEGA/INSIF		Rs 8000/-	01	Rs8000/-
14.	FET Characteristics Apparatus Annex 13/3.	The board consists of two IC regulated power supplies: 0-10V and 0-15V continuously variable DC stabilized power supplies. Two voltmeters 10V and 15V are used for the said power supplies. One 15mA moving coil meter is also provided, ON/OFF Switch and FET is also provided on the panel. BESTO Cat. 1970./ OMEGA/INSIF		Rs 9000/-	01	Rs9000/-

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15.	Analog frequency Generator/oscillator	Frequency range 1Hz to 100 kHz in five ranges, Sine, Square and triangle output Wave, Course amplitude switch(0.2V, 2.0V and 20V) BESTO Cat. 2125/ OMEGA/INSIF /equivalent	Rs 12000/-	01	Rs12000/-
16.	Training Board for study of regulated power supply	He setup consists of step-down transformer, full wave/half wave rectifier circuit and a filter circuit BESTO Cat. 1930/ OMEGA/INSIF /equivalent	Rs 5450/-	03	Rs16350/-
17.	e/m by Thomson method	It consists of following: a. High voltage Power Supply with One digital meter provided to measure the deflection voltage. Complete with separate intensity, focus and deflection controls. b. CRT- 3BP1 mounted on teak wood frame c. Graduated teak wood platform to place magnets at the height of deflection plates. d. Two small magnets e. Deflection magnetometer compass box BESTO Cat. 2028/ OMEGA/INSIF /equivalent	Rs 23500/-	01	Rs23500/-
18.	Double scale meter	Double scale meter Model MO-65. 7.5/15V,25/250mA,50mA/25mA. BESTO ACM 103/ OMEGA/INSIF /equivalent	Rs 800/-	10	Rs 8000/-
19.	Barton Apparatus Vertical	A steel frame mounted on heavy cast iron base with levelling screws. Upper end of the rod(under test) 900mm length and 5mm dia is clamped by a 3-jaw chuck and the lower end is clamped into the axis of a torsional drum which can be rotated by putting load in the scale pan passing over two frictionless pulleys. Freely sliding three circular scales can be clamped at any position. BESTO Cat. 2325/ OMEGA/INSIF /equivalent	Rs 13150/-	01	Rs13150/-
Grand Total					Rs 400000/-

Head of Physics Dept.
Govt. College, Bhilai- 3
Durg (C.G.)

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SN	Items	Specification	Available Facility	Requirement	Justification	Approximate Cost
1	Conducto meter	Range : 0 μ S – 200 mS, Readout : 3 digits LED Make systronics /EEI	01	02	Equipments are required for the Practical Classes of the Students as per University Syllabus	18000
2	Digital Single pan Balance	Top pan balance, Make K-ROY, sensitivity 10mg to 100 Gm, SS body. Electrically operated	01	03		105000
3	Hot Plate <i>Annex-14/1</i>	(HOT PLATE) Rectangular, Without regulator	01	01		4000
4	Distillation Unit <i>Annex 14/2</i>	DOUBLE STAGE WATER DISTILLATION (GLASSCO) (GLASSCO), 4 ltr/hr, 230 Volts 10 / 50 Hz, Single phase, horizontal	01	01		48000
5	Melting Point Apparatus <i>Annex 14/3</i>	Digital Melting Point Apparatus, Microprocessor Based, LED / LCD / Touch Screen, 3 digits, Temperature Accuracy (Degree C)+- 0.3	Nil	01		27000
6	Muffle Furnace	Muffle Furnace Rectangular Working 1150 C with Digital Temp. Controller Size 150X150X300mm (NA) (Neumann & Miller and NM-260-C-1150)	01	01		40000
7	Hot air Oven	HOT AIR OVEN ,Painted MS, Electronic, size 355 X 355 X 355mm, 230AC	01	01		60000

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8	Polarimeter	Labkafe Polarimeter (Research model) (Polarimeter PH 179/3) LED / LCD / Touch Screen, 3 digits, Microprocessor Based, pH mV- C	01	01	38000
10	Potentiometer	Digital Potentiometer with inbuilt stirrer for Redox potential Measurement Microprocessor Based, LED / LCD / Touch Screen, 3 digits, pH mV- C	Nil	01	12000
11	Calorimeter	Calorimeter digital 8 key LED / LCD, Microprocessor Based	Nil	01	10000
12	Chemical Balance	Make K roy, sensitivity 2mg, manual	06	02	10000
13	LCD Projector with screen	projector with HDMI & mobile connectivity, 2400 Lumens USB connectivity, Screen size 6X4 feet color white wall hanging	Nil	01	40000
Total					4,12,000


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3 C. Botany Department

Item	Specification	Available Facility	Requirement	Justification	Approximate Cost
Student microscope advanced Research & Medical Microscope (monocular) <i>Annex 15/1</i>	student microscope, adv and medical microscope, Aromatic objectives -10X/40X , Oil immersion eyepiece-6X/10X detachable mechanical piece, separate adjustments	Nil	10	1. Equipments are required for the Practical Classes of the Students as per University Syllabus	100000
LCD Projector with screen for lab	LCD projector with HDMI & mobile connectivity, 4000 Lumens USB connectivity, Screen size 6X4 feet color white wall hanging Resolution 1024X768	Nil	1	2. Some instruments are not in working condition due to ageing and irreparable condition	67500
Digital Camera <i>Annex 15/3</i>	digital camera with 3/200 Zoom, Imported NICON/CANON digital camera. Video and Audio	Nil	2		15700
Dissecting Microscope <i>Annex 15/2</i>	DM-10X, rectangular shape, 85 MMX75 MM, Clear stage glass and ground glass. Magnifying eyepiece, 10X & 20X	25	20		33000
Automatic water still, Water Distillation apparatus	automatic distillation apparatus Apparatus, ISI, 6-7 Lit /Hr. Stainless steel, heating system with condenser rack, complete setup.	Nil	1		9800
Slide cabinet (capacity 1000 slides) (11 drawers), (white sunmika)	Slide cabinet capacity - 1000 slides, 11 drawers, and Vertical	Nil	1		4000

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	position slides laminated. Wooden slide grooves. Clear polish, . Moisture proof			
Slide Cabinet (500 sliders)	Slide cabinet capacity - 500 slides, Vertical position slides laminated top. Wooden slide grooves. Moisture proof. With Keys	Nil	4	8000
Annex 15/4.				
Slide box (50 slider)	slide cabinet wooden. Capacity -50 slides, Moisture proof, Vertical position slides.	Nil	5	1500
			Total	239500

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3 D. Zoology Departments

Item	Specification	Available Facility	Requirement	Justification	Approximate Cost
Student microscope advanced Research & Medical Microscope (monocular) <i>Annex 15/1</i>	student microscope, adv and medical microscope, Aromatic objectives - 10X/40X , Oil immersion eyepiece- 6X/10X	Nil	10	1. Equipments are required for the Practical Classes of the Students as per University Syllabus 2. Some instruments are not in working condition due to ageing and irreparable condition	100000
LCD Projector with screen for lab	projector with HDMI & mobile connectivity, 2400 Lumens USB connectivity, Screen size 6X4 feet color white wall hanging		1		40000
Digital Weighing Machine <i>Annex 16/1</i>	Capacity 100gm, Top covered with unbreakable plastic, SS body, Electrically operated. Single pan balance. Digital digital display		1		18800
Dissecting Microscope	DM-10X, rectangular shape, 85 MMX75 MM, Clear stage glass and spae ground glass. Magnifying eyepiece , 10X & 20X	10	20		33000
Automatic water still, Water Distillation apparatus	Automatic distillation apparatus Apparatus, ISI, 6-7 Lit /Hr. Stationless steel, heating system with condenser rack, complete setup .		1		6000

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Slide cabinet (capacity 1000 slides) (11 drawers), (white sunmika) Annex 15/5	slide cabinet capacity - 1000 slides, 50 tray sheet holder, 20 slides each for 1000 slides, Wooden frame, . Moisture proof		1	4000
Slide box (50 slider)	Slide cabinet capacity 50-100 slides, 75X25 cm, slide box with aluminum groove made from wood. Vertical position slides Moisture proof	4	2	600
Haemoglobino meter	Heamoglobinometer with glasstube, solid graduated tube and pipette. Sirrer and glassrod.		2	3000
Staining rack	Staining rack, capacity 12 dropping bottle, Wooden rack with hole. For alcohol series or staining bottles.		6	1800
Hot Plate Annex 14/1	8" diameter Half plate 220/230 volts single. Stainless steel top. Cast Iron body. With Digital temp controller Craft or equivalent		1	4000
Blue Seal Concavity Sliders (Two Cavity)	Blue seal corning slide s with two cavity, Glass concavity slides with polish.		4	400
Blue star Slides (plain)	Blue seal slides.microslide box with 50-100 slides.	1	3	300

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Cover Slip (Bule Star)	Blue star circular coverslip No-1, 18 m 22MM, for oil immersion applications	2	4	400
Bunsen Burner	Bunsen Burner with tripod stand for 6' Alcohol Beaker.Cast Iron Tripod stand 4X4X4 cm.		2	800
Cooling apparatus (Fridge)	180 Lit Single door. Fridger compartment at top. Temp adjusting arrangement. Frost free		1	15000
	Total			226300


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3 E. Home Science Departments

Item	Specificaion	Available Facility	Requirement	Justification	Approximate Cost
Sewing machine	Automatic sewing machine, 35 Watt computerized sewing machine, (White). Start-stop button with variable control, 120 built in designs/Janome wonder stich. ¼ inch seam foot, Beading foot, piping foot etc., 38X24X38 cm; 08 Kg	8	02	Equipment required for the practical classes as per university syllabus.	45000
Chimeny	Kitchen chimney 90 cm ,1200m3/h chimney, minimum Noise level, size 600X500X140 mm, Third generation auto clean. No of motors 2, No of collectors 03.	1	1		15000
Weighing machine	Electronic weighing scale, top balance, electrically operated, Human weighing machine,SS body.	Nil	1		20000
Fridge	240 Lit Double door, frost free energy star 05 star. Door lock, temperature adjustment.	1	1		25000
B.P. Apparatus	BP machine Automatic pressurization, Digital error message, Inflation method, Pulse 30 to180, 7201 upper arm B.P. Monitor, Power source	Nil	1		5000


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	4 AA Batteries v OMRON HEM / Diamond Mercurry			
First Aid Box	first aid Metal box, Including all items. Bandages , Plasters, roller bandages, Cleansing pipes, Torch , thermometer, Tooth preservation kit, ORS powder, Glucose Powder Scissors Etc.	1	6	15000
Modular kitchen assessory	Godrej kitchen station with three basic work stations. Sink, Refrigerator and cooking range, S.S., Base kitchen racks, Cup Saucer baskets,	Nil	1	100000
Total				225000

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3. F Sports Department

S	Items	Specification	Available	Requirement	Justification	Approximate Cost
1	Kabaddi Mat	EVA foam, Color Blue/Yellow. Thickness 380 mm. Size 1X1 meter.	Nil	1 Set 16X14 metres. Rs. 950/- per metres.	The majority of student studying in this college are from rural background. The requirement of facilities listed here is not available to them. This facilities in the college will be beneficial for the students.	233420
3	Power Rack full cage	Dimension- W 1931X 1445 X 2261 mm (76"X56.9X89") Weight -197 kg (434 LB)	Nil	01		10000
5	Table Tennis Board	TT board with wheels (Tournamanr mode.) Stand, Polished top.	01	01		18000
6	Refrigerator	240 Lit Double door, frost free energy star 05 star. Door lock, temperature adjustment	Nil	01	Ice is required in case of injury to students while playing.	15000
7	Photocopy Machine	Photocopy machine, Laser technology, Mono Printing, Speed 20 pages per	Nil	01	Require for photocopying certificates and eligibilities of students. For	80000


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		minute, RAM size 64 MB, Scanning facility, Feeder 100 capacity.			departmental work and tournament organizing	
		Total				356420

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4.Smart Classroom

Item	Specification	Available Facility	Requirement	Justification	Approximate Cost
Globus digital smart class room on GEM Annex 17.	Reslution 1024x768,XGA,wireless connectivity, Ceremic Steel whit board, with interactive features, Display size 48.3 Inch,Portable PIB for interactive board, Visual presenter.	Nil	01	1. To avail best learning teaching resources 2. To provide Quality education , enabling a bigger and wider access to students to avail the benefits of MOOCS , (Massive Open online courses) NPTEL, SWAYAM etc.	595178
Total :-					595178


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5. Furniture for Classroom

Item	Specification	Available Facility	Requirement	Justification	Approximate Cost
Green Boards	Green board, Steel frame, ceramic coating, Wall hanging type, Size 6X12 and 4X8 etc.	15	13	Newly constructed classrooms require green boards	65000
Total :-					65000

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6. Furniture for Lab

SN	Item	Specification	Available Facility	Requirement	Justification	Approximate Cost
1	Storage Almirah <i>Annex 19/1</i>	SSF Steel Almirah, MS Sheet, Depth in mm 430mm, width 760mm	12	10	Storage almirah is required for equipment safety.	138408
2.	Storage Almirah Glass door <i>Annex 19/2</i>	Storage almirah LLOYD(JLF-WA05)thickness in Top 25mm, Thickness in side 18mm	03	03	Storage almirah glass door is required for specimen storage in botany and zoology Dept.	55000
3	Computer table <i>Annex 19/3</i>	Computer Table standard, Wooden,(FF-GF-CT-01)	15	20	Computer table is required for placement of computer in Lab	110000
4	Computer Chair <i>Annex 19/4</i>	Plastic stool (OVJ Interior, Finish : power coated, 3 Legs	03	22	Required for sitting in computer table.	31350
					Total	334758

K.A.S.

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7. Books & Journals

Item	Specification	Available Facility	Requirement	Justification	Approximate Cost
Reference Books	Reference Books on various subjects	4817	Approximate Numbers - 200	Reference books are necessary for students to verify and learn facts.	50000
Books for competitive Exams	competitive exams books like SSC,PSC, UPSC, Banking, Railway exams	1512	App 200	These Books are necessary for preparation of competitive exams.	50000
Text Books	Books for UG and PG	8015	Approximate 200	Books are required for circulation for students and essential for studying various author books.	50000
				Total	150000

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8. ICT facility like- LCD, Smart Board, Projector etc

Item	Specification	Available Facility	Requirement	Justification	Approximate Cost
LCD Projectors (Epson portable eb-s31) <i>Annex 20/5</i>	Portable projector, 3200 lumens, ZOOM. Resolution 800X600 SVGA	4	6	To equip the PG and UG Department ICT Facilities like LCD Projector Reprographic aids.	192000
LCD Projector (EPSON EBX41) <i>Annex. 20/1</i>	EPSON EB X41 3500 Lumens, RES 1024X768 XGA,	-	01		39402
LCD Projector screen <i>Annex 20/2</i>	Insta Lock Projector screen MW-6X8", Spring action Pull down	01	07		42931
Digital camera (Nikon coolpix a 300) <i>Annex 20/4</i>	Digital Camera NICON, Single Reflex SLR, Optical Zoom 8X,	Nil	2		15590
Photocopy Duplexing, ADF Ricoh MP 2014 <i>Annex 20/3</i>	Blach & white MFP, 20 PPM, Memory 256 MB, Tray capacity 250	4	1		71332
Other Facilities – Blue star Water Cooler & Purifier <i>Annex 20/6</i>	Water Cooler 40 lit per Hour with installation, With Water purifier	2	2		80000
Total:-					441255

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Upgradation of ICT tools in college during 05 years

SN	Session	Name of ICT tool	Date of purchase	Numbers purchased	Value	Nature of Upgradation
1	2015-16	CCTV camera addition	03-1-2016	03	22950	CCTV system is updated.
2	2016-17	Router	07-10-2016	01	3620	Internet/wi-fi updated
3	2016-17	Antivirus	27-10-2016	10	4500	ICT tools upgraded
4	2016-17	CCTV camera	13-01-2017	01	8610	CCTV system updated
5	2016-17	Antivirus	27-09-2017	01	381	ICT tools updated
6	2019-20	Invertor 1100 KVA	30-01-2020	01	40000	ICT tools upgraded for uninterrupted work
7	2019-20	Projector Screen	30-10-2019	04	15260	ICT tool upgraded
8	2019-20	Document Scanner	24-08-2019	01	32000	ICT facility upgraded
9	2019-20	Projector	29-09-2019	02	89798	ICT facility upgraded
10	2019-20	Laptop	29-05-2019	01	63999	ICT facility for online classes upgraded
11	2019-20	Digital Camera	07-03-2019	01	21901	ICT tools upgraded
12	2019-20	Inverter 4KVA	10-06-2019	01	19680	Upgraded for uninterrupted ICT work
13	2019-20	Smart Class	27-03-2019	01	269998	ICT teaching learning tools upgraded.
14	2019-20	Desktop	18-4-2019	42	1831200	42 system has been added for ICT teaching learning and office work.
15	2019-20	Laptop	18-04-2019	01	66099	ICT facility for online classes upgraded
16	2019-20	Laser Printer	10-04-2019	02	32800	ICT tools upgraded for department and office use.
17	2019-20	Invertor	14-03-2019	03	133332	Upgraded for uninterrupted ICT work
18	2019-20	Manual projector screen	14-03-2019	04	31196	ICT teaching learning tools upgraded
19	2019-20	Printer	14-03-2019	02	19000	ICT tools upgraded for department and office use.
20	2019-20	Printer	14-03-2019	10	84540	ICT tools upgraded for department and office use.
21	2019-20	Printer	14-03-2019	02	24196	ICT tools upgraded for department and office use.
22	2019-20	Projector	14-03-2019	04	193520	ICT teaching learning tools upgraded
23	2019-20	UPS	14-03-2019	10	20000	Upgraded for uninterrupted ICT



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						work
24	2019-20	Camera	14-03-2019	01	34200	ICT tools upgraded
25	2019-20	Photocopier	22-03-2019	01	98300	ICT tools upgraded for department and office use.
26	2019-20	Photocopier	13-03-2019	01	98300	ICT tools upgraded for department and office use.



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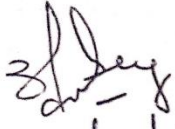
डॉ. खूबचंद बघेल शासकीय स्नातकोत्तर महाविद्यालय भिलाई-3

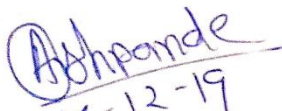
सूचना


नैक एवं उच्चशिक्षा विभाग के निर्देशानुसार महाविद्यालय के समस्त प्राध्यापक / सहायक प्राध्यापकों को को अध्यापन में ICT/Computer प्रयोग करना है । महाविद्यालय में पर्याप्त संख्या में स्मार्टबोर्ड की उपलब्धता है । अतः सभी प्राध्यापक / सहायक प्राध्यापकों सप्ताह में कम से कम एक कक्षा प्रोजेक्टर / स्मार्ट बोर्ड में लें एवं अलग रजिस्टर में उपस्थिति / टापिक की जानकारी और फोटो चिपकाएं ।

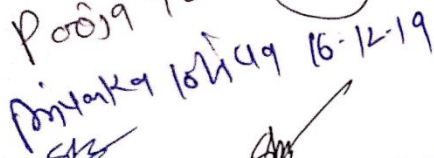
अनिवार्यतः प्रतिमाह इसकी जानकारी IQAC cell को दें ।

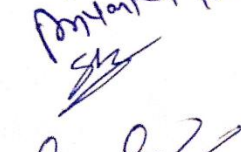

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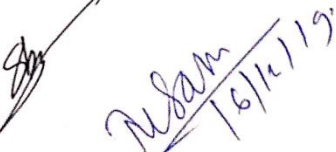

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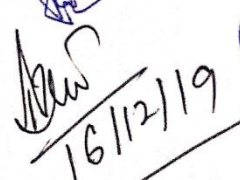

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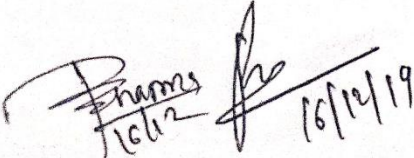

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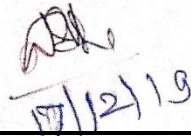

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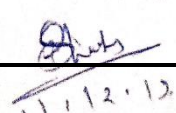

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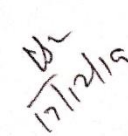

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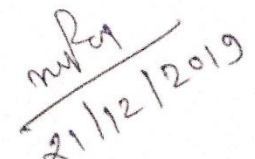

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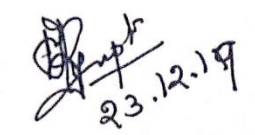

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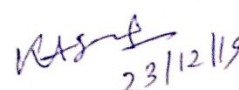

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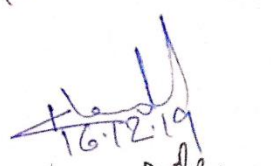

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