

K. D. K. College of Engineering, Nagpur-09

A)Details of Building- A , B & Hostel

Instructional Area

Details of Area	Nos	Total Area (Sq. Mtr)	Total Area (Sq. Mtr)
Class Room	45	4211.328	14171.5729
Tutorial Room for UG and PG	20	818.535	
Drawing Hall	1	132	
Seminar Hall	7	1032.2269	
Library	1	696.06	
Work Shop	1	764.71	
Centralised Computer Center	1	165.16	
Laboratories for UG and PG (Including 29 Computer Laboratories)	69	6351.553	

Administrative Area

Reception	1	31.528	1996.979
Board Room	1	49.92	
Principal Cabin	1	68	
Director Cabin	2	73.29	
Main Administrative Office	3	313.93	
Office Lounge	1	84.7	
Vistors Lounge	1	213.27	
Head of the Department Cabin and Office	14	244.9	
Staff Rooms	184	1090.218	
Stores	5	78.408	
Pantry	1	15.18	
Maintainance Room	1	11.048	
Security Room	1	10.1	
Housekeeping	1	14.28	
Examination Control Room	1	39.437	
Placement Office	1	33.77	

Amenities Area

Cooperative Store	1	12.04	14065.233
Cafeteria	2	685	
First Aid Cum Sick Room	1	12.04	
Toilets- Common	20	710.66	
Toilets- Handicap Toilets	2	26.132	
Common Room- Girls	3	153.686	
Common Room- Boys	3	122.5	
Boys Hostel	27 Flats	963.82	
Student Activity	1	127.05	
Covered Utility Space	1	519.12	
Auditorium	1	212.94	
Guest House	1	49.25	
Sports Club/Gymnasium	1	559.905	
Play Ground	1	9911.09	

Circulations Area

Circulation		6045.714	6045.714
-------------	--	----------	-----------------

B) Details of Central Library

K.D K COLLEGE OF ENGINEERING NANDAVAN NAGPUR CENTRAL LIBRARY DEPARTMENT

DT.31.12.2015 Area:-

- | | |
|-------------------------------------|-------------------|
| 1) Circulation Section | : 321.25 (sq m2) |
| 2) Reading Room (Reference Section) | : 318.57 (sq.M2) |
| 3) Property Racks & M/D Hall | : 056.24 (sq M2) |

696.06 (sq m2)

Sr.	Particulars	Total	Remark
1	Total No. of Books	50196	
2	Total Value of books	1,13,99,611.00	
3	Social Welfare Book Bank Last Acc.No	4253	
4	Social Welfare Book Bank cost	14,78,508.00	
5	KDKCE Book Circulation	40532	

6	KDKCE Book Ref / Title	9664	
7	Journals (Indian) No.	459	
8	Journals (Indian) Cost	1,84,916.00+4000 +4999+11500= 2,05,415.00	1)1,84,916.00 2) 4000/-EM 3) 11500/-d. 4) 4999/- Out <hr/> 2,05,415.00
9	e-Journals	351 -E 46 -M =397	
10	e-Journals cost	7,54,780.00	
11	Total Newspaper	15	
12	Hindi Newspaper	03	
13	Marathi Newspaper	06	

C) Drinking Water facility

No. of connection from Nagpur Municipal corporation- 01

No. of water coolers -09

D) Laboratories and Equipments-

Sr. No	Department	Course	Level	Name of the Laboratory	Lab / Major Equipments	Building Name	Building Number
1	Civil Engineering	Civil Engineering	Under Graduate	AUDIO VISUAL	TV, VCR, LCD Projector, Over Head Projector, Digital Camera	Main Building	A
2	Civil Engineering	Civil Engineering	Under Graduate	COMPUTER LAB	Computers, Printers, Stabilisers	Main Building	A
3	Civil Engineering	Civil Engineering	Under Graduate	CONCRETE TECHNOLOGY & BUILDING CONSTRUCTION	Prestressing System, Block Making Machine, Rebound Lamer HC Concrete Test Lammer, Cement Permability	Main Building-1	AP
4	Civil Engineering	Civil Engineering	Under Graduate	ENGINEERING GEOLOGY	Polarsing Microscope, Clino meter Compass	Main Building	A
5	Civil Engineering	Civil Engineering	Under Graduate	ENGINEERING MECHANICS	Coil friction Apparatus, Winch Creb Single Purchase, Winch Creb Double Purchase, Over Head Projector	Annex	B

6	Civil Engineering	Civil Engineering	Under Graduate	ENVIRONMENTAL ENGINEERING	Yarko BOD Incubator, Horizontal Lamimer Flow, Spectro PhotoMeter, Muffel Furnace, Water Dispilation,	Main Building	A
7	Civil Engineering	Civil Engineering	Under Graduate	FLUID MECHANICS	Notches Apparatus, Orifice and mouth Piece, Venturi Meter and Orofic Meter, fransis Turbine, Pelton	Main Building	A
8	Civil Engineering	Civil Engineering	Under Graduate	GEOTECH. ENGINEERING	Trai axial Shear Testing, Std. Penetration Test Setup, Oven, Swelling Pressure Test, Consolidation,	Main Building	A
9	Civil Engineering	Civil Engineering	Under Graduate	STRENGTH OF MATERIAL	Hydraulic Compression Testing Machine, Universal Testing M/c, Impact Testing M/c, Dynamic Hardness T	Main Building	A
10	Civil Engineering	Civil Engineering	Under Graduate	STRUCTURAL ENGINEERING-I	1.2" Defuse Light Research Polariscope, Stressed Phising Oven, Pin Joint Trust, Cantilever	Main Building	A
11	Civil Engineering	Civil Engineering	Under Graduate	SURVEYING	Degital Thedoloight, Std. Vernier Thedolight	Main Building	A
12	Civil Engineering	Civil Engineering	Under Graduate	TRANSPORTATIO N ENGINEERING	Log angles abrasion testing machine, CBR Test Apparatus, Revels Attrition Testing Machine, Cleveland	Main Building	A
13	Computer Technology	Computer Technology	Under Graduate	AI LAB	Computers, Printers	Annex	B
14	Computer Technology	Computer Technology	Under Graduate	AUDIO-VISUAL LAB/DEPTT. LIBRARY	Computers	Annex	B
15	Computer Technology	Computer Technology	Under Graduate	COMPUTER GRAPHICS LAB	COMPUTERS, PRINTERS	Annex	B
16	Computer Technology	Computer Technology	Under Graduate	DATABASE MANAGEMENT LAB	COMPUTERS,PRINTERS	Annex	B
17	Computer Technology	Computer Technology	Under Graduate	MICROPROCESSO R LAB	Computers, stabiliser	Annex	B
18	Computer Technology	Computer Technology	Under Graduate	PROGRAMMING LANGUAGE LAB-I	COMPUTERS, PRINTERS,SOFTWARES	Main Building	A
19	Computer Technology	Computer Technology	Under Graduate	PROGRAMMING LANGUAGE LAB-II	COMPUTERS,STABILISER,UPS	Annex	B
20	Computer Technology	Computer Technology	Under Graduate	PROJECT LAB	COMPUTERS,PRINTERS	Annex	B
21	Computer Technology	Computer Technology	Under Graduate	SOFTWARE ENGINEERING	COMPUTERS, PRINTERS,	Annex	B
22	Computer Technology	Computer Technology	Under Graduate	WEB TECHNOLOGY LAB	Computers, Stabilisers	Annex	B
23	Electrical Engineering	Electrical Engineering	Under Graduate	COMPUTER CENTER-I	Computers, Printers, UPS, Stabilisers, Softwares	Main Building	A

24	Electrical Engineering	Electrical Engineering	Under Graduate	COMPUTER CENTRE-II	COMPUTERS, PRINTERS	Main Building	A
25	Electrical Engineering	Electrical Engineering	Under Graduate	CONTROL SYSTEM	PROGRAMABLE LOGIC CONTROLLER	Main Building	A
26	Electrical Engineering	Electrical Engineering	Under Graduate	ELECTRICAL ENGINEERING	Tri Vector Meter(load manager)Distance Relay Panel,Generation Protection Panel	Main Building	A
27	Electrical Engineering	Electrical Engineering	Under Graduate	ELECTRICAL MACHINE	Rectifier Unit	Main Building	A
28	Electrical Engineering	Electrical Engineering	Under Graduate	ELECTRICAL WORKSHOP	Three Phase Induction Motor	Main Building	A
29	Electrical Engineering	Electrical Engineering	Under Graduate	EMMI	Load Manager(Trivector Meter)	Main Building	A
30	Electrical Engineering	Electrical Engineering	Under Graduate	HIGH VOLTAGE LAB.	HV Transformer 150 KV, Digital Storage Oscilloscope	Main Building	A
31	Electrical Engineering	Electrical Engineering	Under Graduate	NETWORK ANALYSIS	Modern Theorem Kits	Main Building	A
32	Electrical Engineering	Electrical Engineering	Under Graduate	POWER ELECTRONICS	Oscilloscope	Main Building	A
33	Electrical Engineering	Electrical Engineering	Under Graduate	POWER SYSTEM PROTECTION	Directional Impedance relay, Relay Testing Kit, Alternator Protection Panel	Main Building	A
34	Electronics Engineering	Electronics Engineering	Under Graduate	ADVANCE MICROPROCESSOR LAB.	8097 MICROCONTROLLER TRAINER KIT, EXPERIMENTAL SETUP WITH PLC XPO MODEL, XPO 31/51 MICROCONTROLLER	Annex	B
35	Electronics Engineering	Electronics Engineering	Under Graduate	COMM. SYSTEM	K12 PULSE CODE MODULATION & DEMODULATION, Y2 SINE/SQUARE WAVE GENERATOR, DUAL POWER SUPPLIER, CRO'S	Annex	B
36	Electronics Engineering	Electronics Engineering	Under Graduate	COMPUTER LAB.	COMPUTERS, PRINTERS, STABILISERS,	Annex	B
37	Electronics Engineering	Electronics Engineering	Under Graduate	DIGITAL CIRCUIT	DIGITAL LOGIC DEMONSTRATOR, BOOLEAN EXPRESSION USING LOGIC GATES, FLIP FLOP TRAINER MODEL	Annex	B
38	Electronics Engineering	Electronics Engineering	Under Graduate	DIGITAL SIGNAL PROCESSING	TMS 320C50 BASED DSP TRAINER KIT, DSP STARTER KIT, TMS 3206713 WITH CCS,	Annex	B
39	Electronics Engineering	Electronics Engineering	Under Graduate	DIGITAL SYSTEM DISIGN	ALTERA UNIVERSITY PROGRAM, VHDL SOFTWARE PACKAGE, ALTERA CYCLONE II FPGA DEVELOPMENT KIT	Annex	B
40	Electronics Engineering	Electronics Engineering	Under Graduate	ELECTRONICS DEVICE & CKT.	APLAB OSCILLOSCOPE, QUANTUM POWER PULSE GENERATOR, UNI INSTA DC POWER SUPPLY, AET-21 LOGIC TRAINER	Annex	B
41	Electronics Engineering	Electronics Engineering	Under Graduate	ELECTRONICS SYSTEM DISIGN	TRIPLE POWER SUPPLY, ORCAD CAPTURE, ORCAD PSpICE, FUNCTION GENERATOR,	Annex	B
42	Electronics Engineering	Electronics Engineering	Under Graduate	ELECTRONICS WORKSHOP	IC FUNCTION TESTER APLAB MAKE 24 PIN, FUCTION GENERATOR, COUNTER APLAB, REGULATED POWER SUPPLY, LCR	Annex	B

43	Electronics Engineering	Electronics Engineering	Under Graduate	L.E.C./DIC	FUNCTION GENERATOR, 20 MHZ CRO'S, DUAL TRACKING POWER SUPPLY	Annex	B
44	Electronics Engineering	Electronics Engineering	Under Graduate	MICROPROCESSOR	8085 A MICRO DEVELOPMENT SYSTEM, TRAINER ASCII KEY BOARD AND MULTIPLE OUTPUT POWER SUPPLY CRT MONITOR	Annex	B
45	Electronics Engineering	Electronics Engineering	Under Graduate	UHF & U WAVES	COMPACT MICROWAVE LABKIT(REFLEX KLYSTRON), COMPACT MICROWAVE LABKIT(ANTENNA), COMPACT MICROWAVE LABKIT	Annex	B
46	First Year/Other	First Year/Other	Under Graduate	CHEMISTRY	Spectro Photometer(UV), colorimeter, Conductivity Meter, Digital Balance, Potentiometer,	Annex	B
47	First Year/Other	First Year/Other	Under Graduate	COMPUTER CENTRE	Computers, Printers, Softwares	Main Building	A
48	First Year/Other	First Year/Other	Under Graduate	PHYSICS	Dual Trace CRO, Hall Effect Setup, Newtons Ring Apparatus, Spectrometer, e/m Setup, Function Generator	Annex	B
49	Information Technology	Information Technology	Under Graduate	AUDIO-VISUAL LAB/DEPT. LIBRARY.	COMPUTERS, TV, PLAYERS	Annex	B
50	Information Technology	Information Technology	Under Graduate	COMPUTER GRAPHICS	COMPUTERS	Annex	B
51	Information Technology	Information Technology	Under Graduate	COMPUTER NETWORK LAB	COMPUTERS, STABILIZERS	Annex	B
52	Information Technology	Information Technology	Under Graduate	DBMS LAB	COMPUTERS, PRINTER	Annex	B
53	Information Technology	Information Technology	Under Graduate	DIGITAL LAB	COMPUTERS, PRINTERS	Annex	B
54	Information Technology	Information Technology	Under Graduate	HARDWARE MAINTENANCE	COMPUTERS, PRINTERS	Annex	B
55	Information Technology	Information Technology	Under Graduate	JAVA LAB	COMPUTERS, PRINTERS	Main Building	A
56	Information Technology	Information Technology	Under Graduate	PROGRAMMING LANGUAGE	COMPUTERS, PRINTERS	Annex	B
57	Information Technology	Information Technology	Under Graduate	PROJECT LAB.	COMPUTERS, STABILISERS	MAIN BUILDING	A
58	Information Technology	Information Technology	Under Graduate	VISUAL TECHNIQUES LAB	COMPUTERS	Annex	B

59	Mechanical Engineering	Mechanical Engineering	Under Graduate	CAD	Swift GATE software(10 user),SYSTAT 12.0(Signal user),1)UNIGRAPHICS(five user)2)NX-CAM(four user)	Main Building	A
60	Mechanical Engineering	Mechanical Engineering	Under Graduate	ENGG. METALLURGY	monocular Metallurgical Microscope METZ 56,Mounted specimenMetzer make trinocular metallurgical micr	Main Building	A
61	Mechanical Engineering	Mechanical Engineering	Under Graduate	ENGINEERING DRAWING	Drawing Board	Annex	B
62	Mechanical Engineering	Mechanical Engineering	Under Graduate	HEAT TRANSFER	Dropwise & filmwise condensation,critical heat flux apparatus,metal bar apparatus,charts	Main Building	A
63	Mechanical Engineering	Mechanical Engineering	Under Graduate	I.C. ENGINEERING	Variable compressive Engine Test Rig. automobile cut model, spark testing machine, battery cell test	Main Building	A
64	Mechanical Engineering	Mechanical Engineering	Under Graduate	MECHANICAL MEASUREMENT	Digital Instrumentation Tutor-part III,Digital LVDT & Strain gauge,Part II,Digital speed & Temperatu	Main Building	A
65	Mechanical Engineering	Mechanical Engineering	Under Graduate	PRODUCTION & METROLOGY	Digimatic micrometer,Digital vernier caliper,digital dial gauge,Digimatic hight gauge,Digital thick	Main Building	A
66	Mechanical Engineering	Mechanical Engineering	Under Graduate	PRODUCTION TECHNOLOGY	CNC M/C	Main Building	A
67	Mechanical Engineering	Mechanical Engineering	Under Graduate	REFRIGER & AIR-COND.	Gas charging unit, RAC Tool kit	Main Building	A
68	Mechanical Engineering	Mechanical Engineering	Under Graduate	THEORY OF MACHINE	S. Balancing M/c,CAM Dynamics	Main Building	A
69	Mechanical Engineering	Mechanical Engineering	Under Graduate	THERMAL ENGG.	Techometer hand, mini steam lab, charts	Main Building	A
70	Mechanical Engineering	Mechanical Engineering	Under Graduate	WORKSHOP	Radial drilling M/c, Surface bindder, CapSon Lathe, Welding Set, Wood Turning lathe,	Main Building, Main Building - 1	A, AP
71	Management	Masters In Business Management	Post Graduate	COMPUTER CENTRE	COMPUTERS	Annex	B