

155

**MNR RURAL PG COLLEGE OF EDUCATION, SANGAREDDY  
SANGAREDDY DISTRICT**

**LIST OF NATURAL SCIENCE LAB EQUIPMENTS**

**BIOLOGICAL LAB EQUIPMENTS**

<b>S. No.</b>	<b>Name of Equipment</b>	<b>Quantity</b>
<b>I.</b>	<b>Charts Printed</b>	
1.	Kidney Skin Excretory Organs	1 No.
2.	Mitosis	1 No.
3.	Meiosis	1 No.
4.	Ear	1 No.
5.	Animal Kingdom	1 No.
6.	Human Body	1 No.
7.	Great Scientist	1 No.
8.	Cell Biology	1 No.
9.	Vitamins	1 No.
10.	First Aid	1 No.
11.	T. S. of Leaf	1 No.
12.	Structure of Chloroplast	1 No.
13.	Types of Muscles	1 No.
14.	L. S. of Skin	1 No.
15.	Classification of Plants	1 No.
16.	Classification of Animals	1 No.
17.	Circulatory System	1 No.
<b>II.</b>	<b>Specimens Assorted</b>	
1.	Moss	2 No.
2.	Agaricus Gills	2 No.
3.	Leech	1 No.
4.	Neries	1 No.
5.	Pistia	1 No.
6.	Ascaris	1 No.
7.	Centripedes	1 No.
8.	Jelly Fish	1 No.
9.	Star Fish	1 No.
10.	Snail	1 No.
11.	Lizard	1 No.
12.	Hydra	1 No.
13.	Flat Worm	1 No.
14.	Scorpion	1 No.
15.	Crab	1 No.
16.	Snake	1 No.
17.	Octopus	1 No.

S. No.	Name of Equipment	Quantity
<b>III.</b>	<b>Models</b>	
1.	Ear	1 No.
2.	Teeth	1 No.
3.	Eye	1 No.
4.	Kidney	1 No.
5.	Nerve Cell	1 No.
6.	Nose	1 No.
7.	Tongue	1 No.
8.	Human Steleton	1 No.
9.	Human Respiratory System	1 No.
10.	Chloroplast	1 No.
11.	Arterial System	1 No.
12.	Animal Cell	1 No.
13.	Mitochondria	1 No.
14.	Mitosis	1 No.
15.	Heart	1 No.
16.	Brain	1 No.
17.	Spinal Card	1 No.
18.	Digestive System	1 No.
19.	Lunge	1 No.
20.	Excretory System	1 No.
<b>IV.</b>	<b>N Slides Mounted</b>	
1	Mitosis Prophase	1 No.
2	Meosis Pachytene	2 No.
3	Meosis Zygotene	1 No.
4	Agaricus Gills	1 No.
5	Nerve Cell	1 No.
6	Blood Cells	1 No.
7	Liver T. S.	1 No.
8	Stomach T. S.	1 No.
9	L. S. of Leaf	1 No.
10	Dissection Box	1 No.
<b>V.</b>	<b>Apparatus</b>	
1	Microscope with movable Condenser Two Objectives Two Eye Pieces with boxes	2 No. (Sets)
2	Thistle Funnel Expt. a) Thistle Funnel b) Beaker	1 1
3	Light Screen Expt Aluminium Handles	1 Set
4	Bell Jar Experiment	1 No.

**PHYSICAL SCIENCE LAB EQUIPMENTS**

<b>S. No.</b>	<b>Name of Equipment</b>	<b>Quantity</b>
<b>I.</b>		
1.	Common Balances	4
2.	Weight Boxes	4 + 5
3.	Spring Balance	3
4.	Geometrical Instrument	1 No.
5.	Geometrical Models Big	1 No.
6.	Geometrical Models Small	1 No.
7.	Vernier Caliper with Wheel	8 No.
8.	Screw Gauge 20 mm	9
9.	Simple Pendulum With Ball	14
10.	Copper Calorimeter	6 No.
11.	Bar Magnets	15
12.	Compass box 18 mm d.a.	9 Pairs
13.	Turning Forks	5 Sets
14.	Lenses( Concave Convex)	10 No.
15.	Mirrors	10 No.
16.	Screen Stand	10 No.
17.	V Stand	10 No.
18.	Wire Gauge Stand	10 No.
19.	Resonance Apparatus	1 No.
20.	Barometer Fortin	1 No.
21.	Thermometer	10 No.
22.	Stop Clock	5 No.
23.	Bell Jar with Led	2 No.
24.	Gold Leaf Electroscope	1 No.
25.	Aneroid Barometer	1 No.
26.	Glass Slab	1 No.
27.	Periscope	1 No.
28.	Am Meter	1 No.
29.	Six Maximum Minimum Thermo Meter	1 No.
30.	Graph Board Maths	1 No.
<b>II.</b>	<b>Charts</b>	
1.	Periodic Classification Chart	1 No.
2.	Great Inventors and Discovered	1 No.
3.	Mathematical Shapes Measurement	1 No.
4.	Fractional Distillation	1 No.
5.	Chemistry	1 No.
<b>(I)</b>	<b>Chemicals</b>	
1.	Hydrochloric Acid	500 ml (1)
2.	Sulphuric Acid	500 ml X 1
3.	Nitric Acid	500 ml X 1

<b>S. No.</b>	<b>Name of Equipment</b>	<b>Quantity</b>
4.	Acetic Acid	500 ml X 1
5.	Potassium Permanganate	1 X 500 ml
6.	Potassium Nitrate	1 X 500 ml
7.	Copper Sulphate	1 X 500 grams
8.	Ferrous Sulphate	1 X 500 grams
9.	Manganese Dioxide	1 X 500 grams
10.	Zinc Metal	1 X 500 grams
11.	Copper Turnings	1 X 100 grams
12.	Barium Sulphate	1 X 500 grams
13.	Sodium Chloride	1 X 500 grams
14.	Litmus Paper Blue Red	2 No.
<b>II.</b>	<b>Apparatus</b>	
1.	Thistle Funner Borosilicate	6 No.
2.	Tube	30 No.
3.	Bent Tube	1 No.
4.	Round Bottom Flask	5 No.
5.	Bunsen Burner	5 No.
6.	Retort Stand with Clamp	10 No.
7.	Tripod Stand	5 No.
<b>III.</b>	<b>Models</b>	
	<b>Crystal Models</b>	
1.	Diamond	
2.	Graphite	
3.	Sodium Chloride	
4.	Atomic Model Set	

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**LIST OF EDUCATIONAL TECHNOLOGY & COMPUTER  
EDUCATION LAB EQUIPMENTS**

<b>S. No.</b>	<b>Name of Equipment</b>	<b>Quantity</b>
		1
1.	Slide Cum Film Strip Projector	1
2.	Audio – Cassette Recorder	1
3.	TV Set & VCR	1
4.	Blank Audio Cassettes	10
5.	Amplifier	1
6.	Land speakers	2
7.	Micro Phones	2
8.	Video Camera	1
9.	Video Cassettes	6
10.	Computer	8
11.	Over Head Projector (OHP)	1
12.	L.C.D.	1
13.	D.V.D. Player	1
14.	V.C.D. Player	1
15.	Sony Model DCR-DVD 610B	1
16.	Simplified Triport P.S.S.N.B.	1
17.	Intel Dual Core 3.0 GHZ Computer (LCD Monitors)	4
18.	HP 1005 Laser Jet Printer (Print, Scan, Copy)	1
19.	DVD Writer	1
20.	Intel Dual Core (61GB) Computer (LCD Monitor)	1
	<b>DIGITAL LEARNING MATERIAL (C.D.C.)</b>	

**DIGITAL LEARNING MATERIAL (C.D.C.)**

<b>S. No.</b>	<b>Name of Equipment</b>	<b>Quantity</b>
1.	Educational Research	1
2.	Psychology 5/0 Student Version	1
3.	Abnormal Psychology 3.0 Version	1
4.	Integrating the Technology Across the Curriculum	1
5.	NCTE in Teacher Education	1
6.	Language in use (Intermediate)	1
7.	Learn to speak English	3
8.	Beginna Video Cd on language in use	1
9.	Pre Intermediate Video CD on Language in use	1
10.	National Green Corps C.D. on "Water Pollution & Plastic Waste".	1
11.	Energy & Water Conservation 'CD'	1
12.	Forests and Conservation	1
13.	Microsoft Encarta	2
14.	Reading material I & II	2
15.	NCTE Practical Values & Education	1

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**LIST OF SOCIAL STUDIES LAB EQUIPMENTS**

<b>S. No.</b>	<b>Name of Equipment</b>	<b>Quantity</b>
1.	Africa Physical	1 No.
2.	Euripi Physical	1 No.
3.	Australia – New Zeeland Political	2 No.
4.	World Physical	1 No.
5.	South America Political	2 No.
6.	North America Political	1 No.
7.	South America Physical	1 No.
8.	Australia New Zeeland Physical	1 No.
9.	World Political	1 No.
10.	Asia Political	1 No.
11.	South America Physical	1 No.
12.	North America Physical	1 No.
13.	World Physical	1 No.
14.	India Political	1 No.
15.	India Physical	1 No.
16.	India Political	1 No.
17.	India Physical	1 No.
18.	Andhra Pradesh Political Tourist Road Guide	1 No.
19.	Andhra Pradesh Physical	1 No.
20.	Andhra Pradesh Physical	1 No.
21.	Andhra Pradesh Political Tourist Road Guide	1 No.
22.	Globes	2 No.
	<b>“MAPS”</b>	
1.	World Political - Map	1 No.
2.	Relief – Maps	1 No.
3.	Sketch – Maps (Country, District, Boundary)	1 No.
4.	Distribution – Maps (Population, Agriculture, Industries)	1 No.
5.	Geographical – Maps (Transportation and Climate Detils)	1 No.
	<b>“GLOBES”</b>	
1.	Political Globes (Countries, Important Cities)	1 No.
2.	Climate Globes (Climatical Conditions and Effects)	1 No.
3.	Physical Globes (Rivers, Mountains, Oceans, Deserts)	1 No.

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**LIST OF EQUIPMENTS IN ENGLISH LANGUAGE LAB**

S. No.	Name of Equipment	Quantity
<b>I.</b>	<b>“BOOKS”</b>	
1.	All about Words	1 No.
2.	Better English	1 No.
3.	English for the Teacher	1 No.
4.	English Language Teaching	1 No.
5.	Comprehension & Precise Writing	1 No.
6.	Word Power Made Easy	1 No.
7.	Spoken English for you	1 No.
8.	Makers & Finders	
	Book I	1 No.
	Book II	1 No.
	Book III	1 No.
9.	English Pronouncing Dictionary	1 No.
10.	Communicative English	1 No.
11.	Personality Development & Communicative English	1 No.
12.	Swastika English Grammer	1 No.
13.	Roget's Thesaurus	1 No.
14.	English Literature	1 No.
15.	A History of English Literature	1 No.
16.	Top-class School Essays & Letters	1 No.
17.	General Essays	1 No.
18.	School Essays & Letters	1 No.
19.	Build Your Vocabulary	1 No.
20.	Roget's International Thesaurus	1 No.
21.	Illustrated Oxford Dictionary	1 No.
22.	High School English Grammer & Composition	1 No.
23.	Easy Steps to English Grammer	1 No.
24.	The world of Proverb	1 No.
25.	Study Skills in English	1 No.
26.	Sense & Sensibility by Jane Austin	1 No.
27.	English in Easy	
	Primer A	1 No.
	Primer B	1 No.
28.	Book 1	1 No.
29.	Book 2	1 No.
30.	Book 3	1 No.
31.	Book 4	1 No.



S. No.	Name of Equipment	Quantity
32.	Book 5	1 No.
33.	Book 6	1 No.
34.	Book 7	1 No.
35.	Book 8	1 No.
	<b>English in Easy Work Books</b>	
36.	Book 1	1 No.
37.	Book 2	1 No.
38.	Book 3	1 No.
39.	Book 4	1 No.
40.	Book 5	1 No.
41.	Book 6	1 No.
42.	Book 7	1 No.
43.	Book 8	1 No.
44.	Hellow English Activity Book-1	1 No.
45.	Pupil's Course Book 1	1 No.
46.	Pupil's Course Activity Book -2	1 No.
47.	PCB	1 No.
48.	Grammer Book	1 No.
49.	Grammer Book	1 No.
50.	Activity Book III	1 No.
51.	PCB	1 No.
52.	Activity Book IV	1 No.
53.	PCB	1 No.
54.	Book IV Grammer Book	1 No.
55.	Book V Grammer Book	1 No.
56.	Activity Book	1 No.
57.	PCB	1 No.
58.	Activity Book VI	1 No.
59.	Grammar Book	1 No.
60.	PCB	1 No.
61.	Activity Book VII	1 No.
62.	Grammar Book	1 No.
63.	PCB	1 No.
64.	English Around us	1 No.
65.	Reader 1	1 No.
66.	Reader 2	1 No.
67.	Reader 3	1 No.
68.	Reader 4	1 No.
69.	Reader 5	1 No.
70.	Reader 6	1 No.
71.	Reader 7	1 No.
72.	Reader 8	1 No.

S. No.	Name of Equipment	Quantity
73.	Work Book 1	1 No.
74.	Work Book 2	1 No.
75.	Work Book 3	1 No.
76.	Work Book 4	1 No.
77.	Work Book 5	1 No.
78.	Work Book 6	1 No.
79.	Work Book 7	1 No.
80.	Work Book 8	1 No.
81.	Correct for Communication Literature Reader 6	1 No.
82.	Literature Reader 7	1 No.
83.	Literature Reader 8	1 No.
84.	Course Book 1	1 No.
85.	Course Book 2	1 No.
86.	Course Book 3	1 No.
87.	Course Book 4	1 No.
88.	Course Book 5	1 No.
89.	Course Book 7	1 No.
90.	Work Book 2	1 No.
91.	Work Book 3	1 No.
92.	Work Book 4	1 No.
93.	Work Book 5	1 No.
94.	Work Book 6	1 No.
95.	Work Book 7	1 No.
96.	Work Book 8	1 No.
97.	Creative Art by Students	1 No.
	<b>CD ROMS</b>	
98.	Speak English Easy Communication Skills	1 VCD
99.	Improve Your Spoken English	1 CD
100.	Spoken English Grammar Made Easy part II	1 CD
101.	Learn to Speak English	1 CD
102.	Cambridge English Pronouncing Dictionary	1 CD
103.	IELTS Audio CD	1 No.
104.	IELTS Audio CD	1 No.
105.	IELTS Audio CD	1 No.
106.		
107.	Language in use Beginner	1 VCD
	Pre-Intermediate	1 VCD
	Intermediate	1 VCD
108.	Let us Speak English	1 Cassette
109.	Exercises in Spoken English	
	Accent – Rhythm, Inland	Part I
	Accent – Rhythm, Inland	Part I

S. No.	Name of Equipment	Quantity
110.	Part II Vowels	1 No.
111.	Consonants Part III	1 No.
112.	Story Time 1 (1 Casette with Book)	1 No.
113.	Story Time 2 (1 Casette with Book)	1 No.
114.	Spoken English Conversitation Conversing a variety of situations with books	4 No.
	<b><u>CASSETTES</u></b>	
115.	English Phonetics 2 Phonology	2 Cassettes
116.	Practical Course with Book	2 Cassettes
117.	Speak English 1 Green inclusive of Cassette	1 No.
118.	Speak English 1 Green inclusive of Cassette	1 No.
119.	Speak English 1 Green inclusive of Cassette	1 No.
120.	Speak English 1 Green inclusive of Cassette	1 No.
121.	Speak English 1 Green inclusive of Cassette	1 No.
122.	Speak English 1 Green inclusive of Cassette	1 No.
123.	Speak English 1 Green inclusive of Cassette	1 No.
124.	Speak English 1 Green inclusive of Cassette	1 No.
125.	NEC Jaladhara 1 NEC Jaladhara 2 NEC Jaladhara 3	1 Cassettes 1 Cassettes 1 Cassettes
	<b><u>MODELS</u></b>	
126.	A to Z Alphabets	1 set
127.	Fun with Fruits	56 Pieces
128.	Fun with Animals	56 Pieces
129.	Number Fun	1 -25 Nos'.
130.	Animal Jig Few Puzzle	1 Set
131.	Abacus	2 No.
132.	Numerals	1-10
133.	Flash Cards Animals	10 1 Set
134.	Flash Cards Birds	5 No.
135.	Flash Cards Vegetables	4 No.
136.	Flash Cards Fruits	5 No.
137.	Flash Cards Numbers	5 No.
138.	Flash Cards Flowers	9 No.
139.	Beads Chain	1 No.
140.	Numerals Books	24 Pieces
141.	Numerals Art	10 Pieces
142.	BACC	1 No.
143.	Identification of Colours with Bits	1 Set
144.	Wonder Plants for Identification of Numbers	1 Box
145.	Wonder Plants for Identification of Alphabets	1 Box
146.	Sign and Symbols	1 Box

<b>S. No.</b>	<b>Name of Equipment</b>	<b>Quantity</b>
147.	Links	3 Pieces
148.	Toy Duck	1 No.
149.	Word Power Bond	1 No.
150.	Funschool Toys	2 No.
151.	Glass Paint	1 No.
152.	Electronic Equipments	1 No.
153.	Tape Recorder	1 No.
154.	DVD Player	1 No.
155.	Television	1 No.
156.	Computer	1 No.
157.	Head Phones	10 Sets

**PRINCIPAL**  
MNR Rural PG College of Education  
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College Code : 6290

464

**MNR RURAL PG COLLEGE OF EDUCATION, SANGAREDDY  
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**LIST OF EQUIPMENTS IN PSYCHOLOGY LAB**

<b>S. No.</b>	<b>Name of Item</b>	<b>Quantity</b>
1.	Mirror Draining Opparatus	1 Set
2.	Human Mage Learning Opparatus	1 Set
3.	Memory Drum Opparatus	1 Set
4.	Tachitso Scope	1 Set
5.	Bhatia: Battery of Performance Intelligence Test	1 Set
6.	B. K. Passi Test of Intelligence	1 Set
7.	Parkous Maze	1 Set
8.	Jalola Group Test of General Mental Obicity (JG TMA)	1 Set
9.	Pramila Pathok Draw a man Test	1 Set
10.	Cattell and Catell Culture fair from Intelligence Scale	1 Set
11.	Raven's Standard Progressive Matrias	1 Set
12.	Bager Mehdi Non-Verbal Test of Creative Thinking	1 Set
13.	Differential Aptitude Test Battery	1 Set
14.	R.P. Singh and S. N. Sharma Teaching Aptitude Test + Battery	1 Set
15.	S.K. Bawa Multiphasic Interest Inventory	1 Set
16.	Uma Chowdary Indian Modificatio of The MaticAppeseption Test	1 Set
17.	Size and Weight Illusion Box (14 Weights)	1
18.	Muller Lyre Illusion with stand with scale	1
19.	Passitest of Creativity (PTC) B. K. Passi	1 Set
20.	Human Maze Learning Apparatus	1
21.	Mirror Drawing Apparatus	1
22.	Habit Interfearance Apparatus	1
23.	Paired Associate Learning – D.S. Janbandhu	1 Set
24.	Verbal Carditioning – D. S. Janbandhu	1 Set
25.	Colour Mixer Apparatus	1
26.	Memory Drum	1
27.	Short Term Memory (STM)	1
28.	Division of Attention Board	1
29.	Metuta Cognitin Inventory	1 Set
30.	Group Test of Intelligence GTI G. C. Ahyja	1 Set
31.	Mixed Type Group Test of Intelligence (Man)	1 Set
32.	Non Verbal Group Intelligence Test – A.D. Intisungha	1 Set
33.	Matching Families Test MFFT – Kalyani Devi	1 Set
34.	Test of Intelligence (Non Verbal) Bhatia	1 Set

S. No.	Name of Equipment	Quantity
35.	Context Achievement Test (CAT)	1 Set
36.	Non Verbal Test of Creative Thinking	1 Set
37.	Scientific Aptitude Test Battery(SATE)	1 Set
38.	Scientific Aptitude Test Battery(SATE)	1 Set
39.	Multiphase interest inventory MII S.K. Bave	1 Set
40.	Type A/B Behavioural Scale (ABBPS) Upinder Bhar	1 Set
41.	Dimensional Personality Inventory (DPI)	1 Set
42.	Mangal Teacher Adjustment Inventory MTAI	1 Set
43.	Photographs of eminent Psychologists	10
44.	Normal Probability Curve Demonstration Apparatus	1
45.	Programmed instructional of branding program on (Active Passive Voices)	1 Set
46.	Programmed instructional program Direct – Indirect	1 Set

*V. K. Zaidi*  
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