



# DANTULURI NARAYANA RAJU COLLEGE

(Autonomous)

BHIMAVARAM, W.G.DIST, ANDHRA PRADESH, INDIA, PIN- 534202.

(Accredited at 'B<sup>++</sup>' level by NAAC)

(Affiliated to Adikavi Nannaya University, Rajamahendravaram)

## New courses introduced during the A.Y. 2022-23

S. No	Title of the course	Academic year	Programmes	WEB LINK
1.	Telugu bhasha swarupam	2022-2023	BA, B.com, B. Sc, B.voc	<a href="#">VIEW</a>
2.	Telugu rachanarethulu	2022-2023	BA, B.com, B. Sc, B.voc	
3.	Lalitha Kalalu	2022-2023	BA, B.com, B .Sc, B.voc	
4.	Jaanapada Kalalu	2022-2023	BA, B.com, B. Sc, B.voc	
5.	Madyamalaku Rachana	2022-2023	BA, B com, B. Sc, B.voc	
6.	Anuvaadham	2022-2023	BA, B.com, B. Sc, B.voc	
7.	Telugu Bodhana Paddatulu	2022-2023	BA, B.com, B. Sc, B.voc	
8.	Vachika abivrudi	2022-2023	BA,B.com, B. Sc, B.voc	
9.	Numerical Methods	2022-2023	B.Sc. MPC, GMP, MPCs, MECs, SMP, MGCs, MSCs, MCCs,	
10.	Mathematical Special Functions	2022-2023	B.Sc. MPC, GMP, MPCs, MECs ,SMP, MGCs, MSCs, MCCs,	
11.	Multiple Integrals and Applications of Vector Calculus	2022-2023	B. Sc .MPC, GMP, MPCs, MECs, SMP, MGCs, MSCs, MCCs,	
12.	Integral Transforms with Applications	2022-2023	B.Sc. MPC, GMP, MPCs, MECs, SMP, MGCs, MSCs, MCCs,	
13.	Partial Differential Equations and Fourier Series	2022-2023	B.Sc. MPC, GMP, MPCs, MECs, SMP, MGCs, MSCs, MCCs,	
14.	Number Theory	2022-2023	B.Sc. MPC, GMP, MPCs, MECs, SMP, MGCs, MSCs, MCCs,	
15.	Optical Instruments and Optometry	2022-2023	B.Sc. MPC,GMP,MPCs, SMP,GPC	
16.	Optical Imaging and Photography	2022-2023	B.Sc. MPC,GMP,MPCs, SMP,GPC	
17.	Low Temperature Physics & Refrigeration	2022-2023	B.Sc. MPC,GMP,MPCs, SMP,GPC	



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18.	Solar Energy and Applications	2022-2023	B.Sc. MPC,GMP,MPCs, SMP,GPC
19.	Applications of Electricity &Electronics	2022-2023	B.Sc. MPC,GMP,MPCs, SMP,GPC
20.	Electronic Instrumentation	2022-2023	B.Sc. MPC,GMP,MPCs, SMP,GPC
21.	Operation Research-I	2022-2023	B.Sc. SMP
22.	Operation Research-II	2022-2023	B. Sc .SMP
23.	Statistical process and quality control practical	2022-2023	B. Sc .SMP
24.	Computational techniques and R- Programming	2022-2023	B.Sc. SMP
25.	Econometrics	2022-2023	B.Sc. SMP
26.	Regression Analysis	2022-2023	B.Sc SMP
27.	Synthetic Organic Chemistry	2022-2023	B.Sc. BZC, ZCAT, B.voc, GPC, MPC, MCG, MBCCs, MCCs
28.	Analysis Of Organic Compounds	2022-2023	B.Sc. BZC, ZCAT, B.voc, GPC, MPC, MCG, MBCCs, MCCs
29.	Analytical Methods In Chemistry-1	2022-2023	B.Sc. BZC, ZCAT, B.voc, GPC, MPC, MCG, MBCCs, MCCs
30.	Analytical Methods In Chemistry-2	2022-2023	B.Sc. BZC, ZCAT, B.voc, GPC, MPC, MCG, MBCCs, MCCs
31.	Industrial Chemistry-1	2022-2023	B.Sc. BZC, ZCAT, B.voc, GPC, MPC, MCG, MBCCs, MCCs
32.	Industrial Chemistry-2	2022-2023	B.Sc. BZC, ZCAT, B.voc, GPC, MPC, MCG, MBCCs, MCCs
33.	Environmental Chemistry	2022-2023	B.Sc. BZC, ZCAT, B.voc, GPC, MPC, MCG, MBCCs, MCCs



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34.	Green Chemistry And Nano Technology	2022-2023	B.Sc. BZC, ZCAT, B.voc, GPC, MPC, MCG, MBCCs, MCCs
35.	Analytical Methods In Chemistry	2022-2023	B.Sc. BZC, ZCAT, B.voc, GPC, MPC, MCG, MBCCs, MCCs
36.	Cosmetics And Pharmaceutical Chemistry	2022-2023	B.Sc. BZC, ZCAT, B.voc, GPC, MPC, MCG, MBCCs, MCCs
37.	Vegetable crops-cultivation practices	2022-2023	B.Sc. BZC
38.	Vegetable Crops Post Harvest Practices	2022-2023	B.Sc. BZC
39.	Plant Propagation	2022-2023	B.Sc. BZC
40.	Seed technology	2022-2023	B.Sc. BZC
41.	Plant Tissue culture	2022-2023	B.Sc. BZC
42.	Mushroom cultivation	2022-2023	B.Sc. BZC
43.	Gardening and Land Scaping	2022-2023	B.Sc. BZC
44.	Agro forestry	2022-2023	B.Sc. BZC
45.	Sustainable aquaculture management	2022-2023	B.Sc. BZC, ZCAT, B.voc,
46.	Post harvesting technology in fish and fisheries	2022-2023	B.Sc. BZC, ZCAT, B.voc,
47.	Live stock management-1(Biology of dairy animal)	2022-2023	B.Sc. BZC, ZCAT, B.voc,
48.	Live stock management-2(Dairy production and management)	2022-2023	B.Sc. BZC, ZCAT, B.voc,
49.	Poultry management-1 (POULTRY FARMING)	2022-2023	B.Sc. BZC, ZCAT, B.voc,
50.	Poultry management-2 ((POULTRY PRODUCTION AND MANGEMENT)	2022-2023	B.Sc. BZC, ZCAT, B.voc,
51.	Seri culture -1 (BIOLOGY AND CULTIVATION OF MULBERRY)	2022-2023	B.Sc. BZC, ZCAT, B.voc,
52.	Seri-culture- 2 (BIOLOGY AND	2022-2023	B.Sc. BZC, ZCAT, B.voc,



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	REARING OF SILKWORM)		
53.	Inland and Marine Fisheries Aquaculture nutrition	2022-2023	B.Sc. B.voc.
54.	Aquaculture Nutrition	2022-2023	B.Sc. B.voc.
55.	Pathology in Aquaculture	2022-2023	B.Sc. B.voc.
56.	Aquarium management and Ornamental fish culture	2022-2023	B.Sc. B.voc.
57.	Post harvest technology of Fish and Fisheries	2022-2023	B.Sc. B.voc.
58.	Soil and Water Quality Management	2022-2023	B.Sc. B.voc.
59.	Fisheries Extension economic and marketing	2022-2023	B.Sc. B.voc.
60.	Basics of Ground Water Geology, Mineral Exploration & Engineering Geology	2022-2023	B.Sc. GMP,GPC,MGCs, MCG
61.	Basics of Remote Sensing, GIS, & Environmental Geology	2022-2023	B.Sc. GMP,GPC,MGCs, MCG
62.	Remote Sensing & Gis	2022-2023	B.Sc. GMP ,GPC, MGCs ,MCG
63.	Mining Geology	2022-2023	B.Sc. GMP,GPC,MGCs, MCG
64.	Field Geology	2022-2023	B.Sc. GMP,GPC,MGCs, MCG
65.	Economic Geography	2022-2023	BA.GHT,GHP
66.	Industrial Geography	2022-2023	BA.GHT,GHP
67.	Environmental Geography	2022-2023	BA.GHT,GHP
68.	Disaster Management	2022-2023	BA.GHT,GHP
69.	Tourism Geography	2022-2023	BA.GHT,GHP
70.	Resource Geography	2022-2023	BA.GHT,GHP
71.	Agriculture Geography	2022-2023	BA.GHT,GHP
72.	Remote sensing & GIS	2022-2023	BA.GHT,GHP



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73.	Modern Indian History and Culture (1764-1947 A. D)	2022-2023	BA.HEP,GHT,GHP
74.	History and Culture of Andhra (from 1512 to 1956 AD)	2022-2023	BA.HEP,GHT,GHP
75.	History of Modern World (From 15 <sup>th</sup> Century AD to 1945 AD)	2022-2023	BA.HEP,GHT,GHP
76.	Archival Sources and Techniques	2022-2023	BA.HEP,GHT,GHP
77.	Techniques of History Writing	2022-2023	BA.HEP,GHT,GHP
78.	Tourism and Hospitality Services	2022-2023	BA.HEP,GHT,GHP
79.	Tourism Guidance and Operating skills	2022-2023	BA.HEP,GHT,GHP
80.	Journalistic Reporting and Editing Techniques	2022-2023	BA.HEP,GHT,GHP
81.	Evolution of Telugu Cinema and Script Writing	2022-2023	BA.HEP,GHT,GHP
82.	Modern Principles and Techniques of Archaeology	2022-2023	BA.HEP,GHT,GHP
83.	Museum Management	2022-2023	BA.HEP,GHT,GHP
84.	E-Governance	2022-2023	BA.HEP,SEP,GHP
85.	Local Administration	2022-2023	BA.HEP,SEP,GHP
86.	Legal Literacy Right Awareness	2022-2023	BA.HEP,SEP,GHP
87.	Office Management	2022-2023	BA.HEP,SEP,GHP
88.	Personnel Administration	2022-2023	BA.HEP,SEP,GHP
89.	Electoral Politics And Voting Behaviour	2022-2023	BA.HEP,SEP,GHP
90.	Legislative Procedures And Practice	2022-2023	BA.HEP,SEP,GHP
91.	Major Internship	2022-2023	BA.HEP,SEP,GHP
92.	Insurance Services	2022-2023	BA.HEP,SEP.
93.	Banking and Financial Services	2022-2023	BA.HEP,SEP.
94.	Rural Entrepreneurship and MSME's	2022-2023	BA.HEP,SEP.





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95.	Farmer Producer Organization	2022-2023	BA.HEP,SEP.
96.	Urban Entrepreneurship and MSME's	2022-2023	BA.HEP,SEP.
97.	Retail and Digital Marketing	2022-2023	BA.HEP,SEP.
98.	Inferential Statistics and Software Packages	2022-2023	BA.HEP,SEP.
99.	Project Designing and Report Writing	2022-2023	BA.HEP,SEP.
100.	Counseling skills in Social Work	2022-2023	BA.SEP
101.	Social Work Practice with Differently abled Persons	2022-2023	BA.SEP
102.	Rehabilitation Service & Skills in Social Work	2022-2023	BA.SEP
103.	Professional Competence for Social Work Practice	2022-2023	BA.SEP
104.	Skills in Group Work	2022-2023	BA.SEP
105.	Social Welfare Administration Skills	2022-2023	BA.SEP
106.	Web Interface Designing Technologies	2022-2023	B.Sc. MPCs, MECs, MSCs, MGCs, MCCs, MB BC Cs, MB CCs
107.	Web Applications Development using PHP&MYSQL	2022-2023	B.Sc. MPCs, MECs, MSCs, MGCs, MCCs, MB BC Cs, MB CCs
108.	Internet of Things	2022-2023	B.Sc. MPCs, MECs, MSCs, MGCs, MCCs, MB BC Cs, MB CCs
109.	Application Development using Python	2022-2023	B.Sc. MPCs, MECs, MSCs, MGCs, MCCs, MB BC Cs, MB CCs
110.	Data science	2022-2023	B.Sc. MPCs, MECs, B.Sc. MPCs, MECs, MSCs, MGCs, MCCs, MB BC Cs, MB CCs
111.	Python for Data science	2022-2023	B.Sc. MPCs, MECs, MSCs, MGCs, MCCs, MB BC Cs, MB CCs



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112.	Practical _Industrial , Electronics , Electronic Instrumentation	2022-2023	B.Sc. MECs
113.	Industrial Electronics	2022-2023	B.Sc. MECs
114.	Electronic Instrumentation	2022-2023	B.Sc. MECs
115.	Embedded system design	2022-2023	B.Sc. MECs
116.	Consumer electronics	2022-2023	B.Sc. MECs
117.	VLSI design	2022-2023	B.Sc. MECs
118.	Data communication and networking	2022-2023	B.Sc. MECs
119.	Food, Agriculture And Environmental Microbiology	2022-2023	B.Sc. MB BC Cs, MB C Cs BMB
120.	Management Of Human Microbial Diseases And Diagnosis	2022-2023	B.Sc. MB BC Cs, MB C Cs BMB
121.	Microbial Biotechnology And R – DNA Technology	2022-2023	B.Sc. MB BC Cs, MB C Cs BMB
122.	Biostatistics And Bioinformatics	2022-2023	B.Sc. MB BC Cs, MB C Cs BMB
123.	Microbial Quality Control Instrumentation And Techniques	2022-2023	B.Sc. MB BC Cs, MB C Cs BMB
124.	Drug Design, Discovery And Intellectual Property Rights (IPR)	2022-2023	B.Sc. MB BC Cs, MB C Cs BMB
125.	Organic farming	2022-2023	B.Sc. BMB
126.	Bio-fertilizers and Bio-pesticides	2022-2023	B.Sc. BMB
127.	Techniques in nursery development	2022-2023	B.Sc. BMB
128.	Hydroponics cultivation	2022-2023	B.Sc. BMB
129.	Apiculture	2022-2023	B.Sc. BMB
130.	Pearl culture	2022-2023	B.Sc. BMB
131.	Physiology, Nutritional and Clinical Biochemistry	2022-2023	B.Sc. BMB.MB BC Cs
132.	Microbiology, Immunology and	2022-2023	B.Sc. BMB.MB BC Cs



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	Molecular Biology		
133.	Genetic Engineering	2022-2023	B.Sc. BMB.MB BC Cs
134.	Bioinformatics	2022-2023	B.Sc. BMB.MB BC Cs
135.	Clinical Biochemistry	2022-2023	B.Sc. BMB.MB BC Cs
136.	Hematological and Immunological Techniques	2022-2023	B.Sc. BMB.MB BC Cs
137.	Organizational Behaviour	2022-2023	BBA
138.	Human Resource Management	2022-2023	BBA
139.	Financial Management	2022-2023	BBA
140.	Training and Development	2022-2023	BBA
141.	Business Law	2022-2023	BBA
142.	Micro, Small & Medium Enterprises Management	2022-2023	BBA
143.	International Business	2022-2023	BBA
144.	Cost and Management Accounting	2022-2023	BBA
145.	Financial Services	2022-2023	BBA
146.	Management Accounting -6	2022-2023	B.Com. (Gen, CA)
147.	Cost Control Techniques -7	2022-2023	B.Com. (Gen, CA)
148.	Life Insurance With Practice-6	2022-2023	B.Com. (Gen, CA)
149.	General Insurance With Practice-7	2022-2023	B.Com. (Gen, CA)
150.	Digital Marketing -6	2022-2023	B.Com. (Gen, CA)
151.	Service Marketing -7	2022-2023	B.Com. (Gen, CA)
152.	Advertising & Media Planning	2022-2023	B.Com. (Gen, CA)
153.	Sales Promotion & Practice	2022-2023	B.Com. (Gen, CA)
154.	E Commerce	2022-2023	B.Com. (Gen, CA)
155.	E Filling	2022-2023	B.Com. (Gen, CA)
156.	Risk Management 1	2022-2023	B.Com. (Gen, CA)
157.	Risk Management 2	2022-2023	B.Com. (Gen, CA)





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158.	Advanced Corporate Accounting	2022-2023	B.Com. (Gen, CA)
159.	Software Solutions to Accounting -7	2022-2023	B.Com. (Gen, CA)
160.	Stock Markets – 6	2022-2023	B.Com. (Gen, CA)
161.	Stock Market Analysis – 7	2022-2023	B.Com. (Gen, CA)
162.	Logistics Services & Practice	2022-2023	B.Com. (Gen, CA)
163.	EXIM Procedure and Practice – 7	2022-2023	B.Com. (Gen, CA)
164.	E Commerce Application Development	2022-2023	B.Com. (Gen, CA)
165.	Real Time Governance System	2022-2023	B.Com. (Gen, CA)
166.	Digital Imaging	2022-2023	B.Com. (Gen, CA)
167.	Income Tax Procedure and Practice -6	2022-2023	B.Com. (Gen, CA)
168.	GST Procedure and Practice – 7	2022-2023	B.Com. (Gen, CA)
169.	Tools And Techniques For Biology	2022-2023	PG AQUACULTURE
170.	Biosystematics, Biodiversity And Evolution	2022-2023	PG AQUACULTURE
171.	Bio Molecules	2022-2023	PG AQUACULTURE
172.	Molecular Cell Biology	2022-2023	PG AQUACULTURE
173.	Tools And Techniques For Biology Lab	2022-2023	PG AQUACULTURE
174.	Biosystematics, Biodiversity And Evolution Lab	2022-2023	PG AQUACULTURE
175.	Bio Molecules Lab	2022-2023	PG AQUACULTURE
176.	Molecular Cell Biology Lab	2022-2023	PG AQUACULTURE
177.	Biostatistics & Bio-Informatics	2022-2023	PG AQUACULTURE
178.	Animal Physiology	2022-2023	PG AQUACULTURE
179.	Immunology	2022-2023	PG AQUACULTURE
180.	Molecular Biology	2022-2023	PG AQUACULTURE
181.	Biostatistics & Bio-Informatics Lab	2022-2023	PG AQUACULTURE
182.	Animal Physiology Lab	2022-2023	PG AQUACULTURE
183.	Immunology Lab	2022-2023	PG AQUACULTURE



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184.	Molecular Biology Lab	2022-2023	PG AQUACULTURE	
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