

**KAKATIYA UNIVERSITY
WARANGAL – 506009**

No. **O |** /RUSA/R&I/KU/2026

Dated: 05/01/2026

NOTICE INVITING QUOTATION

Quotations are invited offering discounts from the reputed companies/Book Seller/firms for the procurement of Text Books & Reference Books for the Research Centres/Research Projects sanctioned under RUSA 2.0, Kakatiya University, Warangal on or before 15/01/2026. Please visit www.kakatiya.ac.in for further details.

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KAKATIYA UNIVERSITY



RASHTRIYA UCHCHATAR SHIKSHA ABHIYAN (RUSA 2.0)
KAKATIYA UNIVERSITY
WARANGAL – 506009



Prof. R. Mallikarjuna Reddy
Nodal Officer

NOTICE INVITING QUOTATIONS FOR
THE PURCHASE OF BOOKS.

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E-mail: rusakuc@gmail.com
ON OR BEFORE
10 JANUARY 2026

Note:

- All the Quotations must be addressed to the name of Principal Investigator of the Project. The soft copy of the same should be sent to email: rusakuc@gmail.com
- Quotations received after the deadline will not be accepted. The University reserves the right to accept or reject any quotation in full or in part without assigning any reason.



(Accredited by the NAAC with "A+" Grade)

Cell: 98495-76078, email: head.geology@kakatiya.ac.in

Date: 12-12-2025

To,

The Chairman
 Committee for the purchase of text books
 RUSA 2.0 projects
 Kakatiya University, T.S.

Sir,

Sub: Furnishing of details of the books to purchase under RUSA 2.0 research project grants-Reg.

Ref: 37/RUSA/R&I/KU/2025. Dt. 22/01/2025

With reference to the subject cited above, I am furnishing the details of the text books and reference books to be purchased under RUSA 2.0 research project grants:

S.No	Book	Author	Publisher	Edition
1	Introduction to Mineralogy	William D. Nesse, Graham B. Baird	Oxford Univ. Pr.	4th
2	Introduction to Optical Mineralogy	Nesse William D.	OUP USA	4th
3	Principles of Igneous and Metamorphic Petrology	Jhon D. Winter	Pearson Education India	2 nd
4	Equilibrium And Kinetics In Contact Metamorphism: The Ballachulish Igneous Complex And Its Aureole	D. R. M. Topel , G. Voll , Pattison F. Seifert ,	Springer	1991
5	Granites: Petrology, Structure, Geological Setting, and Metallogeny	Anne Nedelec, Jean-Luc Bouchez, Peter Bowden	Oxford University Press	2019
6	Introduction to Geochemistry: Principles and Applications	Kula C. Misra	Wiley-Blackwell	2012
7	Geological Methods in Mineral Exploration and Mining	Marjoribanks Roger	Springer	2020
8	Lamprophyres, Lamproites and Related Rocks: Tracers to Supercontinent Cycles and Metallogenesis	L. Krmiček	The Geological Society	2022

Prof. R. Mallikarjuna Reddy

9	Geochemical Modelling of Igneous Processes – Principles And Recipes in R Language: Bringing the Power of R to a Geochemical Community (Springer Geochemistry)	Vojtěch Janoušek, Jean-François Moyen,	Springer-Verlag Berlin and Heidelberg GmbH	1st ed. 2016 edition
10	Isotope Geochemistry	William M. White	Wiley-Blackwell	1st edition
11	Petrology: Composition and Structure of Rocks	Seymor White,	Syrawood Publishing House	1st
12	The DBS Handbook of Mineralogy and Petrology	Aijaz Akhtar,	DBS Imprints	1 ST
13	The Nature and Origin of Granite	W. Spencer pitcher	Springer	2 nd
14	Petrology: Principles and Practice	Gautam Sen	Springer	1st
15	Introduction to the Rock-forming Minerals	W. A. Deer (Editor), R. A. Howie (Editor), J. Zussman	Mineralogical Society of Great Britain & Ireland;	3rd edition
16	Using Geochemical Data: To Understand Geological Processes	Hugh Rollinson (Author), Victoria Pease	Cambridge University Press	2 nd
17	A Key for Identification of Rock-Forming Minerals in Thin Section	BARKER	CRC Press	1 st
18	Atlas of the Rock-Forming Minerals in Thin Section	W.S. Mackenzie, C. Guilford	Tylor and Fransis	1 st
19	The Rare Earth Elements: An Introduction	J.H.L. Voncken	Springer	1 st
20	Handbook on Rare Earth Metals and Alloys (Properties, Extraction, Preparation and Applications)	NPCS Board of Consultants & Engineers	NPCS Board of Consultants & Engineers	1 st
21	Rare-Earth Elements: Solid State Materials: Chemical, Optical and Magnetic Properties	Henning Höppe	de Gruyter	1 st
22	Structural Geology	A.R. Bhattacharya	Springer	1 st
23	Practical Geochemistry	Alexandre, Paul	Springer Verlag	1 st
24	Geochemistry	William M. White	Wiley-Blackwell	2 nd
25	Introduction to Geochemistry: Principles and Applications	Kula C. Misra	Wiley-Blackwell	2012
26	Introduction to ore-forming processes	Laurence Robb	Wiley-Blackwell;	2 nd

Lily

Prof. R. Mallikarjuna Reddy

27	Climatology and Oceanography	D.S.Lal	Sharda Pustak Bhawan	1 st
28	Essentials of Oceanography	Alan P. Trujillo, Harold V. Thurman	Pearson	12 th
29	Essentials of Meteorology: An Invitation to the Atmosphere	C. Donald Ahrens, Robert Henson	Cengage Learning	9 th

Hence, I request that you to process the procurement for the above-listed books and do the needful.

Thank you

Your sincerely



Prof. R. Mallikarjuna Reddy
P.I, RUSA 2.0
Research Project

Dept. of Geology
Kakatiya University
Warangal.



CENTRE FOR DRUG RESEARCH
RASHTRIYA UCHCHATAR SHIKSHA ABHIYAN – RUSA 2.0



Prof. NEERATI PRASAD
M. Pharm. Ph.D. PDF (USA)
DIRECTOR
prasadneerati@gmail.com


కాకతీయ విశ్వవిద్యాలయం
KAKATIYA UNIVERSITY
NAAC A+ GRADE
HANAMKONDA, TELANGANA, INDIA

Dr. P. VENKATAIAH
Ph.D.
JOINT DIRECTOR
peddaboina@kakatiya.ac.in

No: 61 /PH-MICRO/RUSA/R&I/KU/2025

Date: 03 -12-2025.

To,
The Nodal Officer
RUSA 2.0
Kakatiya University
Warangal – 506 009.

Sub: RUSA-2.0: Submission of list of Books for the CENTRE for DRUG RESARCH Project entitled “Discovery of novel anti-microbial compounds from microorganisms and synthesis of new chemical entities and their evaluation against multidrug resistant bacteria and for other Pharmacological activities” from the departments of Pharmacy and Microbiology. Regarding

Sir /Mam,

As per the subject mentioned above the list of Books required for the smooth running of RUSA 2.0, Pharmacy Department Individual project entitled “Discovery of novel anti-microbial compounds from microorganisms and synthesis of new chemical entities and their evaluation against multidrug resistant bacteria and for other Pharmacological activities”.

Kindly do the needful

Thanking you.

Yours sincerely



DIRECTOR

Prof. PRASAD NEERATI
(CENTRE FOR DRUG RESEARCH)

Director

Prof. NEERATI PRASAD
Center for Drug Research
RUSA 2.0, K.U. Warangal.

CENTRE FOR DRUG RESEARCH

S. No	Book Name	Authors	Edition	Publisher	Quantity
1	Advances in Cancer Research	Kenneth D. Tew, Paul B. Fisher	Latest edition	academic-press	1
2	Oxford Textbook of Cancer Biology	Francesco Pezzella (ed.) Mahvash Tavassoli (ed.) David J. Kerr (ed.)	Latest edition	Oxford University Press	1
3	The Basic Science of Oncology	Lea Harrington, Ian F. Tannock, Richard Hill, Dave Cescon	Latest edition	McGraw Hill / Medical	1
4	Cancer Chemotherapy, Immunotherapy, and Biotherapy	Bruce A. Chabner MD, Dan L. Longo MD	Seventh Edition	LWW	1
5	The Biology of Cancer	Robert A. Weinberg	Latest edition	W W Norton & Co Inc	1
6	Rang & Dale's Pharmacology	James M. Ritter, Rod J. Flower, Graeme Henderson, Yoon Kong Loke, David MacEwan, Emma Robinson, James Fullerton	10th Edition	ELSEVIER	1
7	Multi-Drug Resistance in Cancer: Mechanism and Treatment Strategies	Rishabha Malviya, Arun Kumar Singh, Deepika Yadav	Latest edition	Wiley-Scrivener	1
8	Molecular Biology of Human Cancers	Wolfgang Schulz	2nd ed. 2023 or Latest edition	Springer International Publishing AG	1
9	Molecular Cell Biology	Harvey Lodish , Arnold Berk , Chris A. Kaiser , Monty Krieger	9 th edition	W H Freeman & Co	1
10	Katzung's Basic & Clinical Pharmacology,	Vanderah, Todd W.	16 th edition	McGraw-Hill	1
11	Rang & Dale's Pharmacology Flash Cards	Yoon Kong Loke, Katharina Mattishent	Latest edition	ELSEVIER	1

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12	Kuby Immunology	Jenni Punt, Sharon Stranford, Patricia Jones	Latest edition	WH Freeman	1
13	Drug Resistance in Cancer: Mechanisms and Strategies	Sameer Ullah Khan, Fayaz Malik	1st ed. 2024	Springer Nature	1
14	Combination Therapy Against Multidrug Resistance	Mohmmad Younus Wani, Aijaz Ahmad	Latest edition	Academic Press	1
15	Goodman & Gilman's The Pharmacological Basis of Therapeutics	Louis S. Goodman & Alfred Gilman (et al.)	Latest Edition	McGraw-Hill	1
16	Cancer Nanomedicine	Clare Hoskins (ed.)	Latest Edition	MDPI Books, 2020 — a comprehensive collection of recent research and reviews in cancer nanomedicine (MDPI)	1
17	Oxford Textbook of Cancer Biology	(multiple contributors)	Latest Edition	Oxford University Press, 2020 (OUP Academic)	
18	Holland–Frei Cancer Medicine	James F. Holland, Emil Frei (eds) + many others	Latest Edition	Wiley / Wiley-Blackwell	1
19	DeVita, Hellman, and Rosenberg's Cancer: Principles & Practice of Oncology	Vincent T. DeVita Jr., Theodore S. Lawrence, Steven A. Rosenberg (eds)	Latest Edition	12th Edition — Lippincott / Wolters Kluwer	1
20	Abeloff's Clinical Oncology	Multiple (editorial team)	Latest Edition	Elsevier	1
21	Introduction to Cancer Biology	Robin Hesketh	Latest Edition	Cambridge University Press	1
22	Cancer: Principles & Practice of Oncology (older multivolume reference)	Vincent T. DeVita Jr., Samuel Hellman, Steven A. Rosenberg	Latest Edition	Often cited editions / classic reference — Lippincott, Williams & Wilkins (Google Books)	1
23	Cancer and Its Management	Jeffrey S. Tobias & Daniel Hochhauser	Latest Edition	Wiley-Blackwell	1

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24	Oxford Handbook of Oncology	Various authors / editors (concise reference)	Latest Edition	Oxford University Press	1
25	Cancer Medicine (Holland-Frei)	James F. Holland, Emil Frei, et al. (eds)	Latest Edition	BC Decker / Wiley-Blackwell (NCBI)	1
26	Nanoparticles in Cancer Therapy: Innovations and Clinical Applications	Neelam Thakur & Bhukya Prudhvi Lal (eds.)	Latest Edition	CRC Press, 2024 (Taylor & Francis)	1
27	Functionalized Nanomaterials for Cancer Research: Applications in Treatments, Tools and Devices	Hamed Barabadi, Ebrahim Mostafavi, Chaudhery Mustansar Hussain (eds.)	Latest Edition	Elsevier	1
28	Nanomedicine and Applications in Cancer: A Complete Guide to Nanomedicine and Cancer Applications	Imran Saleem & Ahmed A.H. Abdellatif (eds.)	Latest Edition	CRC Press, 2025	1
29	Nanoparticle Delivery in Cancer Care	— (multiple contributors)	Latest Edition	Springer	1
30	Nanomedicine in Cancer	Lajos P. Balogh (ed.)	Latest Edition	Jenny Stanford Publishing, 2017 (Taylor & Francis)	1
31	Nanomedicine and Cancer	Rajaventhan Srirajaskanthan & Victor R. Preedy (eds.)	Latest Edition	Illustrated Edition	1
32	Nanotechnology in Cancer	Anshu Mathur	Latest Edition	Elsevier	1
33	Cancer Nanotechnology: Methods and Protocols	Stephen R. Grobmyer & Brij M. Moudgil (eds.)	Latest Edition	Humana Press / Springer (SpringerLink)	1
34	Nanotechnology for Cancer Therapy	— (multiple authors / editors, comprehensive review style)	Latest Edition	Published by Bentham / relevant publisher (book collating nanotech-based cancer therapy approaches) (benthambooks.com)	1
35	Gupta, P.K. and Salunkhe, D.K. Modern Toxicology. Volume I, II and III	Gupta, P.K. and Salunkhe	Latest edition	B.V. Gupta, Metropolitan Book Co. (p) Ltd	1

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36	Pharmacotherapy: A Pathophysiologic approach	Joseph T. Dipiro et al.	Latest edition	Appleton & Lange	1
37	Kulkarni, S. K. and Dandia, P. C. Hand book of experimental pharmacology.	Kulkarni, S. K. and Dandia, P. C	Latest edition	Vallab,	1
38	Mary Louis Turgeon — Immunology and Serology in Laboratory Medicines	Mary Louis Turgeon	Latest edition		1
39	Harsh Mohan, — Text book of Pathology	Harsh Mohan	Latest edition	Ansari road Darya ganj	1
40	Prescot L.M., Jarley G.P Klein D.A —Microbiology	Prescot L.M., Jarley G.P Klein D.A	Latest edition	Mc Graw Hill Company Inc	1
41	Principles of biochemistry – Lehninger	David L. Nelson Michael Cox	Latest edition	WH Freeman	1
42	Drug Discovery and Evaluation: Pharmacological Assays	Hans Gerhard Vogel	4	Springer	1
43	The Molecular Basis of Cancer	John Mendelsohn, Peter M.	4	Elsevier	1
44	Atkinson's Principles of Clinical Pharmacology	Shiew-Mei Huang, Arthur J. Atkinson Jr	4	Academic Press (imprint of Elsevier)	1
45	Nano-Pharmacokinetics and Theranostics	Nanasaheb D. Thorat and Nitesh Kumar	1	Academic Press	1
46	Basic and Clinical Pharmacology	Bertram G. Katzung, Todd W. Vanderah	16	McGraw-Hill	1
47	The Pharmacological basis of Therapeutics	Laurence Brunton,	14	McGraw-Hill	1
48	Drug Discovery targeting Drug-Resistant bacteria	Prashant Kesharwani, Sidharth Chopra	1	Academic Press	1
49	Comprehensive Toxicology	Charlene McQueen	4	Elsevier Science	1
50	Drug Discovery and Molecular Pharmacology	Terry P. Kenakin	6	Elsevier	1
51	Rowland and Tozer's Clinical Pharmacokinetics and Pharmacodynamics: Concepts and Applications	Hartmut Derendorf, Stephan Schmidt	5	Wolters Kluwer	1
52	Advanced Physiology and Pathophysiology	Nancy C. Tkacs	2	Springer	1
53	Encyclopaedia of Drug Metabolism and Interactions	Alexander V. Lyubimov	1	Wiley	1
54	Encyclopaedia of Cancer	Manfred Schwab	4	Springer	1

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55	Abeloff's Clinical Oncology	John E. Niederhuber	6	Elsevier	1
56	Multi-drug resistance in cancer	Rishabha Malviya, Arun Kumar	1	Wiley	1
57	Applied Pharmaceutics and Pharmacokinetics	Leon Shargel, Murray P	8	McGraw-Hill	1
58	Lippincott Illustrated Reviews: Pharmacology	Karen Whalen, Sarah Lerchenfeldt	8	Wolters Kluwer	1
59	Principles of Pharmacology: The Pathophysiologic basis of drug therapy	David Golan M.D., Joseph	5	Wolters Kluwer	1
60	Hand book of Clinical Pharmacology	Herbert Walker	1	American Medical Publishers	1
61	Oxford Textbook of Clinical Pharmacology	D.G. Grahame-Smith, J.K. Aronson	3	Oxford University Press	1
62	Dipiro Pharmacology: Pathophysiological approach	Joseph T. DiPiro, Gary C. Yee	12	McGraw Hill	1
63	Methods in Pharmacology	Dr. Ramesh K. Goyal	8	B.S. Shah Prakashan	1
64	Biological Standardization	J. H. Burn	2	Oxford University Press	1
65	Experimental Pharmacology	Bikash Medhi	2	Jaypee Brothers Medical Publishers	1
66	The Cell: A Molecular approach	Geoffrey Cooper	9	Oxford University Press	1
67	Pharmacogenomics-The Search for individualized therapies	Julio Licinio, Ma-Li Wong	1	Wiley-VCH	1
68	Handbook of Cell Signalling	Ralph A. Bradshaw	2	Academic Press (Elsevier)	1
69	Molecular Pharmacology: From DNA to Drug Discovery	John Dickenson, Fiona Freeman	1	Wiley-Blackwell	1
70	Basic Cell Culture: A Practical Approach	John M. Davis.	2	Oxford University Press	1
71	Fundamentals of Experimental Pharmacology	Arunabha Ray and Kavita Gulati	8	Hilton & Company	1
72	Textbook of Therapeutics, Drug and Disease management	Richard A. Helms, David J. Quan	8	Lippincott Williams & Wilkins	1
73	Robbins and cortan Pathologic Basis of Disease	inay Kumar, Abul K. Abbas	11	Elsevier	1
74	Animal models in Toxicology	Shayne C. Gad	3	Taylor & Francis (CRC Press)	1

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75	OECD test guidelines: Principles of Toxicology	Frank A. Barile	2	Taylor & Francis (CRC Press)	1
76	Target Discovery and Validation: Reviews and Protocols	Mouldy Sioud	1	Springer-Verlag New York	1
77	Bioassay Techniques for Drug Development	Atta-ur-Rahman,	1	Taylor & Francis (CRC Press)	1
78	Tortora Gerard J. and Nicholas, P. Principles of anatomy and physiology	Tortora Gerard J. and Nicholas, P.	Latest edition	Harpercollins college New York	1
79	Pathogens Associated with the Development of Cancer in Humans	Noé Velázquez-Márquez, Genaro Alberto Paredes-Juárez, Verónica Vallejo-Ruiz	Latest edition	Springer	1
80	Medicinal Chemistry, Drug Discovery & Development	Burger	8th	Wiley	1
81	Principles of medicinal chemistry book	Foye	8th	Wolters Kluwer	1
82	Textbook Of Organic Medicinal And Pharmaceutical Chemistry	Wilson And Gisvold	12th	Lippincott Williams & Wilkins	1
83	Medicinal chemistry book	Ashuthoshkar	8th	NEW AGE International Pvt Ltd	1
84	Textbook Of Medicinal Chemistry	SN Pandeya	3rd	CBS Publisher	1
85	A Textbook of Medicinal Chemistry Synthetic & Biochemical Approach	SN Pandeya	3rd	CBS Publisher	1
86	Heterocyclic chemistry	Raj K. Bansal	7th	NEW AGE International Pvt Ltd	1
87	Practical Organic Chemistry	Vogel	5th	Pearson India	1
88	Quantitative Chemical Analysis	Vogel	6th	Pearson India	1
89	Natural Products book	OP Agarwal	3rd	Krishna Educational publishers	1
90	Natural Products book	OP Agarwal	3rd	Krishna Educational publishers	1

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94	Instrumental Methods of Analysis book	Gurdeep R Chatwal	latest	Himalaya Publishers	1
95	The Pharmacological basis of Therapeutics		14th	Mc-Graw Hill Professional Publishers	1
96	Rang & Dales's Pharmacology	James R Ritter,Rod J Flower,Graeme etc.	10 th	Elsevier publishers	1
97	Microbiology book	Michael J Pelczzar	7 th	East-West Press Pvt. Ltd.	1
98	Textbook of Microbiology	Anantha Narayan and Paniker	13 th	Universities Press Publishers	1
99	Biochemistry book	U Satyanarayana	7 th	CBS Publishers and Distributors Pvt. Ltd.	1
100	Biochemistry book	AVSS Ramarao	10 th	Scientific book Agency	1
101	Diagnostic Microbiology book	Bailey & Scott	16 th	Elsevier	1
102	Peter Vollhardt 's Organic Chemistry: Structure and Function	Peter & Vollhardt	6th	W.H. Freeman & Co Ltd	1
103	Organic Chemistry book	Jonathan Clayden	2nd	Oxford University Press	1
104	Advanced Organic Chemistry: Reactions, Mechanisms and Structure	Michael B. Smith	8Th	Wiley India Pvt Ltd	1
105	Organic Synthesis: The Disconnection Approach book	Stuart Warren	2nd	Wiley India Pvt Ltd	1
106	Organic synthesis: strategy and control	Stuart Warren and Paul Wyatt	1st	Wiley India Pvt Ltd	1
107	Medicinal Chemistry, Drug Discovery & Development	Burger	8th	Wiley	1
108	Biochemical Techniques In Your Hand	Dhruv, J.J.et al	Latest edition	Narendra Publishing House	1
109	Bioinformatic : Power To Biotechnology	Singh	Latest edition	Narendra Publishing House	1
110	Bioinformatics And Genome Analysis	H.W. Mewes	Latest edition	Narendra Publishing House	1

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79	Pathogens Associated with the Development of Cancer in Humans	Noé Velázquez-Márquez, Genaro Alberto Paredes-Juárez, Verónica Vallejo-Ruiz	Latest edition	Springer	1
80	Medicinal Chemistry, Drug Discovery & Development	Burger	8th	Wiley	1
81	Principles of medicinal chemistry book	Foye	8th	Wolters Kluwer	1
82	Textbook Of Organic Medicinal And Pharmaceutical Chemistry	Wilson And Gisvold	12th	Lippincott Williams & Wilkins	1
83	Medicinal chemistry book	Ashuthoshkar	8th	NEW AGE International Pvt Ltd	1
84	Textbook Of Medicinal Chemistry	SN Pandeya	3rd	CBS Publisher	1
85	A Textbook of Medicinal Chemistry Synthetic & Biochemical Approach	SN Pandeya	3rd	CBS Publisher	1
86	Heterocyclic chemistry	Raj K. Bansal	7th	NEW AGE International Pvt Ltd	1
87	Practical Organic Chemistry	Vogel	5th	Pearson India	1
88	Quantitative Chemical Analysis	Vogel	6th	Pearson India	1
89	Natural Products book	OP Agarwal	3rd	Krishna Educational publishers	1
90	Natural Products book	OP Agarwal	3rd	Krishna Educational publishers	1
91	Introduction to Spectroscopy book	Pavia	5th	Cengage Learning Publishers	1
92	Spectroscopic Identification of Organic compounds book	Robert M Silverstein	8th	Wiley Publishers	1
93	Spectroscopy book	Gurdeep R Chatwal	latest	Himalaya Publishers	1

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111	Biotechnology : Fundamentals & Applications	Nagabhushnam	Latest edition	Narendra Publishing House	1
112	Cracking Competitive Exams In Biotechnology : A Complete Approach	Rather, A.	Latest edition	Narendra Publishing House	1
113	Entrepreneurship In Biotechnology	Singh, A.	Latest edition	Narendra Publishing House	1
114	Essential Biomolecules	Patil, S. J. et al	Latest edition	Narendra Publishing House	1
115	Essentials In Fermentation Technology	Aydin Berenjian	Latest edition	Narendra Publishing House	1
116	Fundamentals In Biochemistry	Rathnakumar, R. et al	Latest edition	Narendra Publishing House	1
117	Fundamentals Of Biostatistics	Kumar, N.	Latest edition	Narendra Publishing House	1
118	Industrial Microbiology	Anand, A.	Latest edition	Narendra Publishing House	1
119	Instant Notes In Nanobiotechnology: Key Concepts And Applications	Singh/Rai	Latest edition	Narendra Publishing House	1
120	Intellectual Property Rights And Biotechnology	Singh/Singh	Latest edition	Narendra Publishing House	1
121	Introduction To Matlab For Biologists	Webb, C.R. et al	Latest edition	Narendra Publishing House	1
122	Laboratory Techniques Of Basic Microbiology	Muzaddadi, A. U.	Latest edition	Narendra Publishing House	1
123	Molecular And Cell Biology Of Cancer	Fior R. ET AL	Latest edition	Narendra Publishing House	1
124	Techniques Of Microbiology	Sengar, R.S. et al	Latest edition	Narendra Publishing House	1

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125	Textbook Of Molecular Cytogenetics	Kumar/Srivastava	Latest edition	Narendra Publishing House	1
126	Biodiversity : Issues Threats And Conservation	Pandey	Latest edition	Narendra Publishing House	1
127	Biofuels	Ragunathan,	Latest edition	Narendra Publishing House	1
128	Fundamentals Of Environmental Microbiology	Aziz , M.A. et al	Latest edition	Narendra Publishing House	1
129	Microbial Biodiesel	Muniraj	Latest edition	Narendra Publishing House	1
130	Textbook Of Environmental Pollution	Pandey.et.al	Latest edition	Narendra Publishing House	1
131	Advances In Food Processing Technology	Tripathi.M	Latest edition	Narendra Publishing House	1
132	Chromatographic Techniques , Principle, Working And Applications In Food Processing Sector	Hussain , S.Z. et al	Latest edition	Narendra Publishing House	1
133	Enterpreneur's Guide To Milk Producers	Raziuddin/Rahman	Latest edition	Narendra Publishing House	1
134	Food Processing And Preservation Techniques	Gopakumar , K.et al	Latest edition	Narendra Publishing House	1
135	Handbook Of Food Analysis ,	Nollet , L.M.L.	Latest edition	Narendra Publishing House	1
136	Handbook Of Fish Processing And Preservation	Mishra,R.	Latest edition	Narendra Publishing House	1
137	Probiotic Foods	Tripathi/Giri	Latest edition	Narendra Publishing House	1
138	Processing And Preservation Of Foods	Naik / Tawheed	Latest edition	Narendra Publishing House	1

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139	Textbook Of Applied Food And Nutrition Microbiology	Pathak	Latest edition	Narendra Publishing House	1
140	Prescott Microbiology	Willey	Latest edition	MCGRAWHILL	1
141	Kuby Immunology	Punt	Latest edition	Macmillian	1
142	Culture Of Animal Cells-A Manual Of Basic Technique	Freshny	Latest edition	Wiley	1
143	Cell Biology	Pollard	Latest edition	Elsevier	1
144	Principles Of Modern Microbiology	Wheelis	Latest edition	Jones and Bartlett	1
145	Molecular Cell Biology	Lodish	Latest edition	Freeman	1
146	Biochemistry	Satyanarayana	Latest edition	cbs	1
147	Principles Of Biochemistry	Voet	Latest edition	Wiley	1
148	Molecular Biotechnology	Glick	Latest edition	ASM Press	1
149	Biochemistry And Molecular Biology Of Antimicrobial Drug Action		6 th edition	springer	1
150	The Antimicrobial Drugs	Trevor J Franklin , George Alan snow	2 ND Edition	OUP USA	1
151	Natural Products For Antimicrobial Drug Development : Recent Advancement Of Computational Approach		Latest edition	springer	1

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152	Drug Discovery Targeting Drug Resistant Bacteria	William B Pratt , Eric M	1 st edition	Academic press	1
153	Medical Microbiology		10 th edition	Elsevier	1
154	Antimicrobial Resistance In The 21 st Century	Tripti Sharma , chita Ranjan Sahoo , Debdutta Battacharya	2 nd edition	springer	1
155	Nanotechnology For Advances In Medical Microbiology (Environmental And Microbial Biotechnology)		1st edition	Springer Nature; 2021	1
156	Advances In Microbial Nanotechnology Fundamentals And Applications	Prashanth Kesharwani , Siddharth Chopra	1st edition	Elsevier	1
157	Essentials Of Practical Microbiology		2 nd edition	Jaypee brothers Medical publishers	1
158	Nanotechnology Applications In Agricultural And Bioprocess Engineering:)	Murray , Patrick R,Rosenthal	1st edition	Apple Academic Press	1
159	Textbook Of Applied Microbiology And Infection Control : Including Safety		1/E	Jaypee Brothers Medical Publishers	1
160	Hospital Acquired Infections, Multidrug Resistant (Mdr) Bacteria,		Latest edition	Mdpi AG	1

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	Alternative Approaches To Antibiotic Therapy				
161	Essentials Of Medical Microbiology	Editors: I. W. Fong ,David Shlaes , Karl Drlica	4 th edition	Jaypee Brothers Medical Publishers	1
162	Essentials Of Medical Pharmacology		9/E	Jaypee Brothers Medical Publishers Pvt.	1
163	Biochemistry And Molecular Biology Of Antimicrobial Drug Action		6 th edition	springer	1
164	The Antimicrobial Drugs		2 ND Edition	OUP USA	1
165	Advanced Organic chemistry, Reaction, Mechanisms and Structure	J.March, John Wiley and Sons, New York	7 th	Wiley and sons	1
166	Heterocyclic chemistry	Thomas L gilchrist	3rd	Pearson publications	1
167	Organic chemistry	IL Finar	6 th	Pearson publications	1
168	Organic Synthesis - Special Techniques	VK Ahluwalia and R Agarwal,	2 nd	Narosa Publishers	1
169	Organic Reaction Mechanisms	VK Ahluwalia and RK Parashar,	4th	Narosa Publishers	1


 Director
 Prof. NEERATI PRASAD
 Center for Drug Research
 RUSA 2.0, KU, Warangal



Prof. M. Sadanandam

Email: msadanandam@kakatiya.ac.in

Principal Investigator

Date: 1-12-2025

To
The Nodal Officer
RUSA 2.0.
Kakatiya University Warangal

**Sub: Procurement of Books – Project Titled: Identifying Regional Dialects by using Text
Independent Speech Processing Models –Reg.**

Sir,

With the reference to the subject cited, I am herewith furnishing the details of Books for
Project: **Identifying Regional Dialects by using Text Independent Speech Processing Models**

This is for your information and necessary action.

Thanking you

Yours Sincerely

Prof. M. Sadanandam
Email: msadanandam@kakatiya.ac.in
Principal Investigator

Category	Title	Author(s)	Publisher	ISBN
Python Programming	Python Crash Course (3rd Edition)	Eric Matthes	No Starch Press	9781718502703
Python Programming	Make Python Talk: Build Apps with Voice Control and Speech Recognition	Dr. Mark H. Liu	No Starch Press	978-1718501560
Artificial Intelligence	Artificial Intelligence: A Modern Approach (4th Edition)	Stuart Russell & Peter Norvig	Pearson	9780134610993
Generative AI / LLMs	Transformers for Natural Language Processing (2nd Edition)	Denis Rothman	Packt Publishing	9781801077651
Generative AI / LLMs	Deep Learning for Coders with fastai & PyTorch	Jeremy Howard & Sylvain Gugger	O'Reilly	9781492045526
Generative AI / LLMs	A Beginner's Guide to Generative AI: An Introductory Path to Diffusion Models, Chatgpt and Llms (Synthesis Lectures on Computer Science)	Deepshikha Bhati	Springer-Nature New York	978-3031847233



**RESEARCH PROJECT UNDER RUSA 2.0
ON
CAUSAL DATA MINING APPROACH TO STUDY THE INTER-
RELATIONSHIP BETWEEN CARDIO VASCULAR DISEASES AND
RENAL SYSTEM FAILURE**



Dr. B. RAMA
Principal Investigator

Lr. No. 24/CS/R&I/KU/2025

Date: 22-12-2025

To
The Nodal Officer
Kakatiya University
Warangal

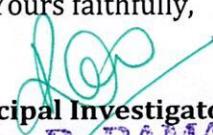
Sub: Submitting Books List for Purchasing Under RUSA 2.0. – Req. – Reg.
Sir,

The reference to the Subject cited above, I am herewith submitting Books List under the RUSA 2.0. The Research Project titled "**CAUSAL DATA MINING APPROACH TO STUDY THE INTER-RELATIONSHIP BETWEEN CARDIO VASCULAR DISEASES AND RENAL SYSTEM FAILURE**" sanctioned by RUSA 2.0 with a grant of Rs. 19,23,400=00.

Book Title	Author Name	Publisher	Edition	No.of Books
Digital Image Processing	Rafael C. Gonzalez and Richard E. Woods	Pearson	3rd Edition	1
Image Processing, Analysis and Machine Vision	Milan Sonka, Vaclav Hlavac, Roger Boyle	Cengage	4th Edition	1
Cryptography and Network Security principles and Practice	William Stallings	Pearson	7th Edition	2
Machine Learning	Tom M. Mitchell	MGH		2
Deep Learning	Goodfellow I., BengioY., and Courville A	MIT		1
Text Analytics with python	Dipnajan Sarkar	Apress		2
Python Programming: A Modern Approach	VamsiKurama, Pearson	Pearson		1
Python Data Science Handbook:	Jake VanderPlasOrielly	Orielly		1
Learning Python	Mark Lutz, Orielly	Orielly		1
Essentials of Cloud Computing	K. Chandrasekhran, CRC press, 2014	CRC press		2
Cryptography and Network Security principles and Practice	William Stallings (Pearson Asia)	Pearson Asia	7th Edition	2
A step-by-step function guide to data analysis: Learning R	Richard cotton, O'REILLY, 2013	O'REILLY, 2013	First edition	1

Thanking you,

Yours faithfully,


Principal Investigator
Dr. B. RAMA
Principal Investigator
RUSA 2.0 Research Project
Department of Computer Science
University College Kakatiya University



Dr. N. Ramana

Email: ramanauce.ku@kakatiya.ac.in

Principal Investigator

Date: 1-12-2025

To
The Nodal Officer
RUSA 2.0.
Kakatiya University Warangal

Sub: Procurement of Books – Project Titled: Intelligent Doctor Assistant for Effective Diagnosis using Machine Learning –Reg.

Sir,

With the reference to the subject cited, I am herewith furnishing the details of Books for Project: **Intelligent Doctor Assistant for Effective Diagnosis using Machine learning**

This is for your information and necessary action.

Thanking you

Yours Sincerely

An Intelligent Doctor Assistant for effective diagnosis using Machine learning

S.No	Title of the Book	Authors	Publisher	Edition
1	AI in Healthcare : Innovation , Ethics, and Impact	Mr. Mohammed Liaqat, Ali Khan, Dr. Tanjya Wadhwa (PT), Dr. Shaikh Abdul Azeem	Red Shine Publications	2025 Edition
2	Deep Learning	Ian Goodfellow, Yoshua Bengio, Aaron Courville	MIT Press	2016 Edition
3	Practical Real-Time Data Analysis	Shilpi Saxena	Packt	2017 Edition
4	Python for Data Analysis	Wes McKinney	VAPS Knowledge	2022 Edition
5	AI and Machine Learning for Coders	Laurence Moroney	O'Reilly Media	2020 Edition
6	Biomedical Informatics	Edward Shortliffe, James Cimino	Springer	2013 Edition
7	Fluent Python	Luciano Ramalho	O'Reilly Media	2022 Edition
8	Pattern Recognition and Machine Learning	Christopher M. Bishop	Springer	
9	Artificial Intelligence: A Modern Approach	Stuart Russell & Peter Norvig	Pearson	2022 Edition

Dr. N. Ramana
Email: ramanauce.ku@kakatiya.ac.in
Principal Investigator

Date:22-12-2025

To
The Nodal Officer RUSA 2.0,
Kakatiya University
Hanamkonda.

Subject: Submission of Books Indent under RUSA

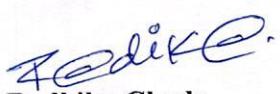
Respected Sir,

I hereby submit the **Books Indent** for procurement under the **RUSA scheme** for the Academic Year 2025–2026. The proposed list of books has been carefully prepared based on the latest syllabus requirements and academic needs of students, research scholars and faculty, particularly in the areas of **Mechanical Engineering, Additive Manufacturing, Robotics, Finite Element Methods, and Applications of AI & ML in Engineering.**

I kindly request you to consider the enclosed books indent and grant approval for further necessary action as per RUSA procurement guidelines.

Thanking you.

Yours sincerely,


Radhika Chada
Principal Investigator
Department of Mechanical Engineering
KU College Of Engineering and Technology

**Department Of Mechanical Engineering
KAKATIYA UNIVERSITY, WARANGAL
BOOKS INDENT**

Radhika Chada
Principal Investigator

Branch Name: Mechanical Engineering Subject Name:

S. No	Author Name	Title	Publisher	Year	Qty
1	Helmi Youssef et al.	Fundamentals of Additive Manufacturing: Principles, Technologies, and Applications	CRC Press (Taylor & Francis)	2024	2
2	John E. Barnes, Timothy E. Simpson	Additive Manufacturing Essentials	OpenStax, Rice University	2025	2
3	Rajasekar R., Moganapriya C., Kumar P.	Additive Manufacturing with Novel Materials	John Wiley & Sons Ltd	2024	2
4	Ajit Behera, Tuan Anh Nguyen	Multi-material Additive Manufacturing: Processing, Properties, Opportunities, and	Elsevier	2025	2
5	A. Praveen Kumar, Quanjin Ma	Additive Manufacturing of Smart Multifunctional Materials and Structures	Elsevier	2025	2
6	Emrah Celik	Additive Manufacturing: Science and Technology	De Gruyter	2025	2
7	T. Rajasanthosh Kumar, Surendra Reddy Vinta, Sagar	AI and Machine Learning for Mechanical and Electrical Engineering	CRC Press (Taylor & Francis Group)	2025	2
8	Kaushik Kumar, Divya Zindani & J. Paulo Davim	Artificial Intelligence in Mechanical and Industrial Engineering (1st Edition, 2021)	Atlantic Publishers and	2021	2
9	Jiyaul Mustafa, Shahnawaz Ahmad & Shahadat Hussain	Machine Learning Applications in Mechanical Engineering	LAP Lambert Academic	2024	2
10	Gebrail Bekdaş, Sinan Melih Nigdeli & Melda Yücel	Artificial Intelligence and Machine Learning Applications in Civil, Mechanical, and Industrial	IGI Global	2020	2
11	Roland Siegwart, Illah R. Nourbakhsh & Davide	Introduction to Autonomous Mobile Robots	MIT Press	2nd, 2011	2
12	Rahul Kala	Autonomous Mobile Robots: Planning, Navigation and Simulation	Academic Press (Elsevier)	2023 / 2024	2
13	Ahmad Taher Azar & Anis Koubaa	Artificial Intelligence for Robotics and Autonomous Systems Applications	Springer Cham	2023	2
14	L. Jyothish Kumar & Pulak M. Pandey	3D Printing & Additive Manufacturing Technology	Springer	2024	2
15	Paolo Ferro, Harinadh Vemanaboina & Chander	Computational Techniques and Smart Manufacturing	Routledge / Taylor & Francis	2025	2
16	Saad A. Ragab & Hassan E. Fayed	Introduction to Finite Element Analysis for Engineers	CRC Press		2
17	Raymond J. Roark, Warren C. Young, Richard G. Budynas &	Roark's Formulas for Stress and Strain	McGraw-Hill Professional		2

Radhika Chada
25/12/22

List of Books

1. "Employability and Skill Set of Newly Graduated Engineers in India", by Blom, A. and Saeki, H.
2. What Is Artificial Intelligence? By McCarthy J. (2011). Stanford University.
3. Machine Platform Crowd: Harnessing Our Digital Future. Brynjolfsson E. & McAfee A. (2017). W.W. Norton & Company.
4. Only Humans Need Apply: Winners and Losers in the Age of Smart Machines. Davenport T. H. & Kirby J. (2016). Harper Business.
5. Emotional Intelligence: Why It Can Matter More Than IQ. Goleman D. (1995). Bantam Books.
6. Super intelligence: Paths Dangers Strategies. Bostrom N. (2014, Oxford University Press.
7. Experiential Learning: Experience as the Source of Learning and Development. Kolb D. A. (1984).
8. "The Future of Employment: How Susceptible Are Jobs to, Frey C. B. & Osborne M. A. (2017).
9. Artificial Intelligence in Education: Bridging the Learning Gap. Elliot, James, Routledge, 2019.
10. Technology in Language Learning: The AI Revolution. McCarthy, Brian, and Paula Jarvis. Palgrave Macmillan, 2020.
11. Text book on Effective Communication and Soft skills, by Dr. Garima Dubey, AG Publishing House; First Edition (22 July 2024)
12. Skills that Build by Gina M. Wilson, Publisher : Bayfront Press (15 June 2021)
13. The Art of Adaptive Communication by Gerard Collignon, Xlibris Publishers 2017.
14. Soft skills: An integrated Approach to Maximize Personality by Gajendra Singh Chouhan, Wiley (1 January 2015)
15. The Communication Book: 44 Ideas for better Conversation Every day by Mikael Krogerus and Roman Tschappler, Portfolio Penguin publishers. 2018.
16. The AI Driven Leader by Geoff Woods Wisdom Tree Publishers August 2025
17. Human Edge in AI Age by Nitin Seth, Penguin publishers 2025
18. Generative AI 360 by Hitesh Motwani, Zebra Learn publishers 2025
19. Role of Generative AI in the Communicative classroom, by Sanae Elmoudden and Jason S Wrench, IGI publishers 2024.
20. Lead in the Smart AI Era by Amit Kumar Jain and Surbhi Jain Rupa publications 2025
21. Strategic Communication and AI by Simone Moore and Roland Hubscher. Routledge Focus 2021



UNIVERSITY COLLEGE OF LAW
KAKATIYA UNIVERSITY
Subedari, Hanumakonda, T.G.-506 001

Dr.N.SUDARSHAN

M.Sc,LL.M,NET;PGDCL&IPR;Ph.D.

Principal Investigator,RUSA 2.0

snimma26@gmail.com

Ph:8309296740

Lr.No.8/RUSA2.0/Law/2025

Dt: 18-12-2025

To
The Nodal Officer,RUSA 2.0 &
Coordinator,UGC
Kakatiya University

Sir,

Sub:- Research Project under RUSA 2.0 titled '*Delivery of Speedy Justice in Subordinate Courts of Telangana-A Case Study of Hyderabad.Dist*' - Required List of Books - submitted for necessary action: Reg:-

List of Books with the details of Book Titles and Name of the Authors and Publishers for the research project sanctioned under RUSA 2.0 on '*Delivery of Speedy Justice in Subordinate Courts of Telangana-A Case Study of Hyderabad.Dist*' is submitted herewith for necessary action as per the Budgetary guidelines i.e, 5% of the soft component t equals to Rs **51,600=00** only.

Thanking you..

Yours faithfully

Principal Investigator
DR. N. SUDARSHAN

M.Sc.,LL.M.,NET,PGDCL&IPR.,Ph.D.

Principal Investigator
Research Project Under RUSA
Department of Law, Kakatiya Uni
Subedari, Hanamkonda-506009,

Encl:-One

	Book Title	Author/Editor	Publishers
1	<i>Justice Frustrated: The Systemic Impact of Delays in Indian Courts</i>	Vidyasagar, Shruti (ed.), Shruthi Naik & Harish Narasappa	Bloomsbury Publishing, New Delhi
2	<i>Right to Speedy Trial: Indian Judiciary and Justice Delivery System.</i>	Nur Md. Abdullah Ahmed Majumdar & Ahsan Rashid	New Delhi: Regal Publications
3	<i>Fast Track Courts in India</i>	Dr. Indu Bala	New Delhi: Pacific Books International, 2022
4	<i>Law of Speedy Trial: "Justice Delayed is Justice Denied".</i>	Hari Om Maratha	New Delhi: Eastern Book Company (EBC), 2008
5	<i>Reforms for India's District Courts</i> (focus: lower judiciary and district courts)	Tareekh Pe Justice	KoolSkool The Bookstore
6	<i>Delayed Justice in India: How to Speed Up the Court Process</i>	Hemambika Pathayapura	Google Books
7	“Access to Justice in India” in <i>Constitutionalism of the Global South</i>	Menaka Guruswamy & Bipin Aspatwar	Cambridge University Press (ed. Daniel Bonilla Maldonado)
8	India's Legal System: Can It Be Saved?	Fali S. Nariman	
9	Law Relating to Intellectual Property	BL Wadehra	
10	Intellectual Property Rights in India	V K AHUJA	LexisNexis Edition 2025
11	Intellectual Property Rights (in 2 Volumes)Edition:	Jyoti Rattan	2nd Edition, 2024 Bharath Law House
12	The Bharatiya Sakshya Adhiniyam, 2023	V Krishnamachari	Edition: 10th Edition, 2025
13	Bright Explaining The Bharatiya Sakshya Adhiniyam 2023	Ravindra Khandelwal Edition 2025	by Bright Law House
14	Judiciary Comprehensive Combo Set of 11 Books Complete Judicial Service Exam	Physics Wallah	Physics Wallah2025
15	A Compendious Guide to Judicial Services Mains Examinations (Volume 3)	by Samarth Agrawal and Shreya Bhargava	Samarth Agrawal Books 2024
16	Multiple Choice Questions for Judicial Service Examination (In 4 Volumes)	by Singhal	Singhal Law Publications 4th Edition, 2024 for Vol. 1 and 3rd Edition, 2023 for Vols. 2, 3 and 4
17	Intellectual Property Rights Law and Practice	by S V Damodar Reddy	Asia Law House 2nd Edition, 2024
18	Intellectual Property Law	By Aditya Soni	Bharat's publicaions
19	Universal Law Relating to Intellectual Property	SREENIVASULU N S	Univesal/Lexus Nexus Edition 2023
20	Master Guide to Judicial Services Examination For All States		Eastern Book company (EBC)



RESEARCH PROJECT UNDER RUSA 2.0
ON
BUILDING INSTITUTIONAL REPOSITORY OF FACULTY
PUBLICATION OF KAKATIYA UNIVERSITY



Dr.B.Radhika Rani
Principal Investigator

Ph.no: 9949595810

No.8/RUSA/R&I/KU/2025

Date: 10th Dec 2025

To
The Nodal Officer,
RUSA 2.0
Kakatiya University
Warangal -506 009, TG.

Sub: Request for Purchase of Books under RUSA 2.0 Project.

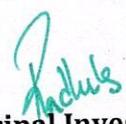
* * *

Sir,

With reference to the subject cited above, we have been sanctioned a research project entitled '**Building Institutional Repository of Faculty Publications of Kakatiya University**' under RUSA 2.0, Component 10, Research, Innovation & Quality Improvement, in the Department of Library and Information Science, Kakatiya University.

In order to implement this research project, it is necessary to procure the following books as per the approved budgets and sanction.

Enclosed List of Books


Principal Investigator

Dr. B. RADHIKA RANI
Principal Investigator
RUSA 2.0 Research Project
Dept. of Library & Information Science
University College, Kakatiya University

Department of Library and Information Science

Project Title: Building Institutional Repository of Faculty Publications of Kakatiya University, RUSA2.0, Kakatiya University

List of Books for the Project

S.No	Title	Author	Publisher	Year	Edition/Vol
1	The Right to Information act,2005	R.Chakraborty	Lawmanns Pub	2005	3rd edn
2	Information Technology Act,2000With Rules	Taxmann	Taxmann Pub	2025	
3	The Copyright Act,1957	Lawman	Kamal Publishers	2025	-
4	Knowledge Management in Libraries	Basker Mukherjee	Chandos		
5	Knowledge Management: Systems & Process in the AI Era	Irma Becerra Fernandez,Rajiv Sabherwal&Richard Kumi	Routledge	-	3rd Edn
6	Knowledge Management	H.C.Mruthyunjaya	PHI		
7	The Right to Information act,	R.Arun Kumar	Monica		2nd Edn
8	Knowledge Management	Sudhir Warier	Vikas Publishing House		
9	AI Literacy Fundamentals: Helping You Join the AI Conversation	Ben Jones	Data Literacy Press	2024	
10	A Guide To Expert Systems	Donald A Waterman	Pearson		2nd Edn
11	Project Management	Dr.Vinod .N.Patel	Oxford Book Company		
12	Modern Project Management	R.C.Mishra&Tarun soota	New age publication		
13	Project Management	K.Nagarajan	New age publication		7th Edn

Department of Library and Information Science

Project Title: Building Institutional Repository of Faculty Publications of Kakatiya University, RUSA2.0, Kakatiya University

14	Project Management:A Strategic managerial Approach	Ramesh Anbanandam	Wiley
15	Disaster Management:Future challenges&opportunities	Editor-Jabir Singh	Wiley
16	Disaster Management for Libraries & Archives	Graham Matthewa&John Feather	Routledge Pub(Taylor and Francis)
17	An Introduction to Information Processing&Retrieval:For Library&Information Professionals	N.R.Satyanarayana	ESS Pub
18	An Introduction to Information Processing&Retrieval in Library&Information	P.Balasubramanian	Regal
19	AI in Academic Library:Trends,Challenge&Future directions	Mr.Srikanth H.G	Evince
20	AI in Library Management	S.Dhanavandan	ESS Pub
21	Information Literacy:Applications in LJC'S	Jerome Wesley	ESS Pub
22	AI for Academic Libraries	Clifford ,Anderson&Douglas H.Fisher	Routledge Pub
23	AI in Library and Information Science	Nisha,Sathish Kumar	Routledge Pub
24	Digital Library Management&Technologies	Madhav Bedi&Chetas Babu	World Academic Pub
25	Satellite Communication	Timothy Pratt,Jeremy Alinutt	Wiley
26	Disaster Management in Archives,Libraries&Museums	Graham Mathews	Routledge
27	Disaster management&Contingency Planning in modern Libraries	Nelson Decker	IGI

Department of Library and Information Science

Project Title: Building Institutional Repository of Faculty Publications of Kakatiya University, RUSA2.0, Kakatiya University

28	Meta data:Shaping Knowledge from Antiquity the semantic web	Richard Gartner	Springer
29	Digital Rights Management: A Librarian Guide to Technology&Practise	Grace Agnew	Chandos
30	Data&Information Security:Principles&Practices	S.S.Suganya&G.Ravichankar	Leilani Katie Pub
31	The Institutional Repository	Richard Jones,Andrew&Mac coll	Chandos
32	Institutional Repository initiatives in india :A Status Report	Sarika Sawant	Lambert Academic Publishing
33	Institutional Repository Planning and Implementation: Strategic and Technical Issues	Md.Zahid Hussain shoeb	Lambert Academic Publishing
34	Making Institutional Repository work	Burton B.Callicott	Purdue University Press
35	AI for Everyday People: The Plain-English Guide to AI in Modern Life	Alex Hartman (Author)	Book on Publishing
36	Improving Library services to people with Disabilities	Courtney Denies-Jones	Chandos Publishing
37	Library and Information Services for Handicapped Individuals	Wright,Kieth.C	Libraries Unlimited Inc
38	MLA Handbook	Modern Language Association of America	Modern Language Association of America
39	APA Style Handbook In-Text Citation&References	Appearnce Publishers(Author)	Lulu.com
40	MLA Handbook for writers of Research Papers	Modern Language Association	Modern Language Association of America

Department of Library and Information Science

Project Title: Building Institutional Repository of Faculty Publications of Kakatiya University, RUSA2.0, Kakatiya University

41	Information Literacy: Essential Skills for the Information Seekers in the Digital Age	Dr.Rajeev Mishra	Delta Books	2018
42	Research Methodology: Tools and Techniques	Neogi K	Variety Books Publishers & Distributors	
43	Emerging Trends in Bibliometrics, Scientometrics and Altmetrics	Senthilkumaran P.	Today & Tomorrow's Printers and Publishers	2020
44	Introduction to Bibliometrics and Scientometrics	Kailash c.garg	Ess Ess Publications	
45	Research Ethics and Plagiarism	Nasirudheen T. Sreelatha k	Ess Ess Publications	
46	Academic writing, anti-Plagiarism and Citations	VINOD KUMAR KANVARIA(ED.) SHIPRA (Contributor)	Shipra Publications	
47	Re-Imagining Academic Libraries: A Perspective on Institutional Repositories	Veeresh B. Hanchinal, Vidya V. Hanchinal and P. Arul Pragasam	2016	
48	Knowledge Management in Academic Libraries in India	Dr. S. Sudarshan Rao	Motilal Banarsiidas Publications	2025

Design and analysis of finfet based combinational circuits for low power applications

Books list

1. LOW-POWER DIGITAL VLSI DESIGN CIRCUITS AND SYSTEMS by Abdellatif Bellaouar and Mohamed I. Elmasry , SPRINGER SCIENCE+BUSINESS MEDIA, LLC
2. Low Power VLSI Design and Technology by G K yeap (*Motorola*) and F N Najm
3. Practical Low Power Digital VLSI Design by Gary Yeap, Springer Publications
4. FinFET Modelling for IC Simulation and design: Using the BSIM-CMG Standard by Sriramkumar Yogesh Singh Chauhan, Darsen D. Lu, Vanugopalan, Sourabh Khandelwal Juan Pablo Duarte, Navid Paydavosi, Ai Niknejad, Chenming Hu
5. FinFET Devices for VLSI Circuits and Systems , by Samar K.Saha
6. compact models for integrated circuit design conventional transistors and beyond by Samar K.Saha
7. finfets and other multi gate transistors by S.E Thompson and P.K.Ajmera new york springer 2008
8. FinFET Technology by Rajni Gautam
9. low power methodology manual for system-on-chip design by Michael Keating, David Flynn, Robert Aitken, Alan Gibbons, Kaijian Shi , Springer New York, NY, 1st edition

bleg
(Dr. K. BIKSHALU)

Dept of ECE

VCETW, KU

Malangal

B
1012004

1. Armstrong, K. (1993). *A history of God: The 4,000-year quest of Judaism, Christianity and Islam*. Alfred A. Knopf. ISBN 0-679-42600-0.
2. Basham, A. L. (2019). *The wonder that was India* (Picador India ed.). Picador / Pan Macmillan. ISBN 978-9389109344. (Originally pub. 1954.)
3. Beck, R. (2006). *The religion of the Mithras cult in the Roman empire: Mysteries of the unconquered sun*. Oxford University Press. ISBN 978-0198140894.
4. Bowker, J. (1997). *The concise Oxford dictionary of world religions*. Oxford University Press. ISBN 0-19-860036-5.
5. Bronkhorst, J. (2007). *Greater Magadha: Studies in the culture of early India*, Motilal Banarsi Dass Publishing House, Brill. ISBN 978-9004157194.
6. C. H. Buck (compilation), *Faiths Fairs and Festival of India*, Winsome Books India, 2005. ISBN-13: 9788188043378.
7. Dalrymple, W. (1998). *The Age of Kali*. Penguin Books. ISBN 978-0307948908.
8. Doniger, W. (2010). *The Hindus: An alternative history*. Penguin / Penguin India (Allen Lane in some markets). ISBN 978-0143116691.
9. Doniger, W. (2010). *The Hindus: An Alternative History*. Penguin / Penguin India. ISBN 978-0143116691. (Often referenced for its thorough chronicling of Hinduism's evolution in an interpretive framework.)
10. Eck, D. L. (2012). *India: A sacred geography*. Harmony / Random House. ISBN 978-0385531900.
11. Flood, G. (Ed.). (2003). *The Blackwell companion to Hinduism*. Wiley-Blackwell. ISBN 0-631-21535-2 (pbk) / 978-0631215356.
12. G. D. Gururani., **Indian Fairs and Festivals: Religious and Sociocultural**, Akansha Publishing House; a published work covering fairs and festivals across religious and cultural lines in India.
13. Gajrani, S. (Ed.). (2004). *History, religion and culture of India* (Vols. 1-6). Isha Books. ISBN (set) 81-8205-059-6 / individual volumes e.g. ISBN 978-8182050624.
14. Gopal Krishan & M. P. Bezbarua (eds.), *Fairs and Festivals of India: Volume 1: Andhra Pradesh, Karnataka*, Gyan Publishing House, 2003. ISBN-13: 9788121208086
15. Gopal Krishan & M. P. Bezbarua (eds.), *Fairs and Festivals of India: Volume VI: Bihar, Jharkhand, Orissa, West Bengal, Arunachal, Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim, Tripura*, Gyan Publishing House. ISBN-13: 9788121208123

16. Gopal Krishan & Phal S. Girota (eds.), *Fairs and Festivals of India: Volume III: Chandigarh, Delhi, Haryana, Himachal Pradesh, Jammu & Kashmir, Punjab, Rajasthan, Uttar Pradesh, Uttarakhand*, Gyan Publishing House, 2003. ISBN-13: 9788121208109
17. Gopal Krishan (Vol. Editor)., **Fairs and Festivals of India**, Gyan Publishing House, 2003; ISBN 978-8121208086.
18. Holloway, R. (2011). *A little history of religion*. Yale University Press. ISBN 978-0300228816.
19. John Hawkins., **The Story of Religion: The Rich History of the World's Major Faiths**, Publisher: Arcturus Publishing. ISBN-13: 9781784287368. The edition often referenced was released in 2016.
20. Kalam, T. (2013). *Religious tradition and culture in eighteenth-century North India*. Primus Books. ISBN 978-9380607399.
21. Kanika Anand (Photography by Sandeep Biswas)., **Fairs & Festivals of Rajasthan**, IBP Books (or associated publisher for regional / state-level festival compilations). ISBN 9788195505906, 2021.
22. Karen Armstrong., **A History of God**, Published by Alfred A. Knopf (Knopf) in 1993.
23. Manjeet Singh., *Fairs and Festivals in India*, Sublime Publications, 2008 (1st ed.). ISBN: 8181921178.
24. Nakamura, H. (2001). *Gotama Buddha: A biography based on the most reliable texts* (1st English ed.). Kōsei Publishing Company. ISBN 978-4333018932.
25. Nicholson, A. J. (2010). *Unifying Hinduism: Philosophy and identity in Indian intellectual history*. Columbia University Press / Permanent Black. ISBN 0231149875
26. Pattanaik, D. (2006). *Myth = Mithya: Decoding Hindu Mythology*. Penguin Books India. ISBN 978-0143423324.
27. Roger Beck., **The Religion of the Mithras Cult in the Roman Empire: Mysteries of the Unconquered Sun**, Published by Oxford University Press (OUP), first published in 2006 (hardcover), paperback 2007. ISBN (hardcover): 9780198140894.
28. S. Gajrani., **History, Religion and Culture of India** (multi-volume), Published by Isha Books, Delhi.

29. Sanjay Kumar., **Encyclopaedia of Indian Fairs and Festivals**, Anmol Publications Pvt. Ltd.; a compendium covering pan-Indian festivals and fairs, also regional ones.
30. Saraswati, Swami Dayananda. (1875). *Satyarth Prakash (The Light of Truth)*. Star Press, Benares.
31. Shakti M. Gupta., **Festivals, Fairs and Fasts of India**, Clarion Books; 1991 edition; includes coverage of 172 festivals across major Indian religions, plus fairs, rituals, season-linked celebrations. ISBN 8185120234.
32. Smith, H. (1991). *The world's religions: Our great wisdom traditions* (rev. ed.). HarperCollins / HarperOne. ISBN 0-062-50811-3.
33. Tabir Kalam., **Religious Tradition and Culture in Eighteenth Century North India**, Published by Primus Books (1st edition, 2013). ISBN: 9789380607399.
34. Thapar, R. (2003). *Early India: From the origins to A.D. 1300* (new ed.). Penguin Books. ISBN 978-0143029892.
35. Thapar, R. (2003). *Early India: From the origins to A.D. 1300* (Penguin / new ed.). Penguin Books. ISBN 978-0143029892.
36. Tirumala Ramachandra., **Hindu Festivals and Seasons (Telugu)**, Tagore Publishing House, Hyderabad. Paperback edition (2015).
37. Uma Vasudev., *Fairs & Festivals – Incredible India*, Wisdom Tree, 2007. (Hardcover)

RASHTRIYA UCHCHATAR SHIKSHA ABHIYAN – RUSA 2.0



Dr. K. Sujatha Department of Sericulture
 Principal Investigator Kakatiya University
 RUSA 2.0 – Research, Innovation & Warangal, 506 009, T.S
Quality Management Email:k.sujatha8900@gmail.com



/SERI/RUSA2.0/R&I/KU/2025

Date: 27/11/2025

To

The chairman
 Committee for purchase of books
 Under RUSA 2.0
 Kakatiya University
 Warangal – 506009
 Telangana

Subject: Request for Procurement of Sericulture Books under RUSA 2.0 Project

Sir,

I am writing to kindly request approval for the purchase of the following essential books under the **RUSA 2.0 Project** titled “ISOLATION OF BIOACTIVE COMPOUND FROM *ANNONA MURICATA* AND ITS EFFECT ON REARING PERFORMANCE AND ANTIBACTERIAL ACTIVITY IN MULBERRY SILKWORM” being undertaken in the **Department of Sericulture**, Kakatiya University. the list of books, along with specifications and quantities under both categories, is enclosed herewith for your kind perusal and necessary action. **List of Books Requested:**

Item No.	Book Title	Author / Editor	Publisher	ISBN / Identifier	Qty
1	Advanced Cell and Molecular Techniques: Protocols for in Vitro and in Vivo Studies	Karuppusamy Arunachalam, P. S. Sreeja	Humana Press Inc	ISBN-10: 107164517X ISBN-13: 978-1071645178	1
2	CLSI M07: Methods for Dilution Antimicrobial Susceptibility Tests	CLSI	Clinical and Laboratory Standards Institute	Latest Edition (e.g., ISBN 978-1-68440-XXX-X)	1
3	Antibiotics in Laboratory Medicine	Victor Lorian	ASM Press	978-1555813218	1
4	2D PAGE: Sample Preparation and Fractionation	GE Healthcare	GE Healthcare	Handbook / Manual Code	1
5	Guide to Protein Purification (Methods in Enzymology, Vol.	Murray P. Deutscher	Academic Press	978-0123745361	1

6	Pharmacognosy: Fundamentals, Applications, and Strategies	Simone Badal McCreath	Academic Press	• ISBN13: 9780443186578	1
7	Objective Sericulture – MCQs for Competitive Exams	Firdose A. Malik, Awuqib Sabhat, Manzoor A. Malik	New Vishal Publications	ISBN – To be confirmed	1
8	Handbook of Sericulture	—	Asha Book House / Regional	ISBN – To be confirmed	1
9	An Introduction to Sericulture	G. Ganga & J. S. Chetty	Oxford & IBH Publishing	978-8120412888	1
10	Objective Question Bank on Sericulture	—	Regional Distributors	ISBN – To be confirmed	1
11	Objective Sericulture (Previous Years' Solved Papers)	Dr. Lalita Gaur	Career Books	9788195587698	1
12	A Textbook of Sericulture	Priti Pragyan Ray	Publisher – To be confirmed	ISBN – To be confirmed	1
13	Optimization in Drug Discovery: In Vitro Methods (Methods in Pharmacology and Toxicology)	Gary W. Caldwell, Zhengyin Yan (Editors)	Humana Press (Softcover reprint, 2014 ed., 2016 printing)	ISBN-10: 1493960709 ISBN-13: 9781493960705	1


Dr. K. Sujatha
 Principal Investigator,
 RUSA 2.0 Research Project
 Department of Sericulture
 Kakatiya University, Warangal-506003, Telangana, India



UNIVERSITY COLLEGE OF LAW
KAKATIYA UNIVERSITY
HANUMAKONDA – TELANGANA – 506001



Prof. (Dr.) M. SRINIVAS

Principal Investigator

RUSA 2.0 Research Project Title: CLIMATE CHANGE AND DISASTER MANAGEMENT:
LAW AND POLICY IN INDIA

No: 26 /RUSA 2.0/LAW/2025

Date: 27-11-2025

To

Prof. T. Manohar

Chairman

Committee for purchase of Text Books & Reference Books

RUSA 2.0

Kakatiya University

Warangal.

Sir,

Sub: RUSA 2.0 – Faculty of Law, KU – Submission of List of Books – Reg.

Ref: Office of the Nodal Officer Ltr. No. 179/RUSA/R&I/KU/2025, dated 19-11-2025.

Adverting to the subject cited, it is to submit that Rs. 57,782/- (Rupees Fifty Seven Thousand Seven Hundred and Eighty Two only) have been allocated from the sanctioned budget towards purchase of books for the Research Project titled “Climate Change and Disaster Management: Law and Policy in India” sanctioned to Prof. M. Srinivas, University College of Law, K.U, Principal Investigator, RUSA 2.0 Research Project.

As required by you, list of books is enclosed herewith in the prescribed format.

Thanking you sir,

Yours Sincerely,

Prof. (Dr.) M. Srinivas
Principal Investigator, RUSA 2.0
University College of Law
Kakatiya University
Hanamkonda-506 001 TQ

List of Books

Title of the Project: Climate Change and Disaster Management: Law and Policy in India
Principal Investigator: Prof. M. Srinivas

S. N.	Book Description,	Author	Publisher	Qty
1	Natural and Man-Made Disasters	A K Singh	Prints Publications Pvt. Ltd	1
2	Disaster Management and Preparedness	Benjamin	-Do-	1
3	Environment, Climate Change & Disaster Management	N Mani	New century Publications	1
4	Disaster Management Law and Policy	S.I. Deshpande Priya A. Sondhi	Satyam Law International	1
5	Disaster Law: Principles and Practice	Amita Singh	Eastern Book Company	1
6	Climate Change: Changing Dimensions of Law and Policy	Stellina Jolly, Amit Jain	MD Publications Pvt. Ltd.	1
7	Disaster Administration and Management	SL Goel	Deep & Deep Publications	1
8	Disaster management and protection of human rights in India (with reference to international law and practice)	Subhradipta Sarkar	Thomson Reuters	1
9	Disaster Law - Emerging Thresholds	Amita Singh	Routledge India	1
10	Law Relating to Disaster Management	Priya R. Futane	Regal Publications	1
11	Disaster Management Laws in SAARC Countries	Edited by: S. Sivakumar Manohar Thairani Lisa P. Lukose	Mohan Law House Publishing Pvt Ltd.; Supreme Court Marg	1
12	The Cambridge Handbook of Disaster Law and Policy (covers international policies)		Cambridge Press	1
13	Disaster Management Act, 2005 along with Allied Rules		Universal Book Company	1
14	Disaster Management Act, 2005		Eastern Book Company	1
15	National Green Tribunal Act, 2010		Eastern Book Company	1
16	Environmental Law and Policy in India cases and materials	Shyam Divan Armin Rosencranz	Oxford University Press	1
17	Commentary on NGT Act, 2010	Ritwick Dutta and Sanjeet Purohit	Universal Law Publication	1
18	Designing Effective Environmental Regimes	Jorgen Wettestad	Edward Elgar Publishing	1
19	Silent Spring	Rachel Carson	Grapevine India Publisher Pvt. Ltd.	1

RASHTRIYA UCHCHATAR SHIKSHA ABHIYAN – RUSA 2.0



Prof. Y.Venakaiah
Principal Investigator
RUSA 2.0 - Research, Innovation &
Quality Management

Department of Zoology
Kakatiya University,
Warangal-506 009. T.G
Email: venkaiahyanamala07@gmail.com



No 34/RUSA/Zool/UC/KU/2025

Date: 28-11-2025

To
The Nodel Officer
RUSA 2.0
Kakatiya University
Warangal

Sub: Supply of List of reference Books –Reg.

Dear Sir,

Kindly find the enclosed list of Books with author names and Publishers Under my RUSA Project 2.0.

Thanking you

Yours faithfully,


Prof. Y. VENKAIAH
Principal Investigator
RUSA 2.0, Research Project
Department of Zoology
Kakatiya University, Warangal-506009. T.G

List of Reference Books :

1. Understanding enzymes: Palmer T., Ellis Harwood ltd., 2001.
2. Enzyme structure and mechanism. Alan Fersht, Freeman & Co. 1997
3. Principles of enzymology for food sciences: Whitaker Marc Dekker 1972.
4. Methods in enzymology Ed. Colowick and Kaplan, Academic Pr (Continuing series)
5. Text book of Biochemistry with clinical correlations (4th edition)-Thomas M.Devlin.
6. Biological chemistry; H.R. Mehler & E.H Cordes Harper & Rev.
7. Enzyme kinetics Siegel interscience – Wiley 1976.
8. Animal Physiology ----- Samson & Writy
- 9 Animal Physiology ----- Nelson & Nelson
10. Animal Physiology ----- Medical Physiology-Guiton
11. Text book of Animal Physiology ----- Nagbhushen
12. Text book of Animal Physiology ----- Guize
13. Text book of Animal Physiology ----- A.K. Berry.
14. Human physiology .C Chatterji (vol 1&2)
15. Review of physiological chemistry by H .A.Harper (lange)
16. Biochemistry- White ,Handler and smith
17. Text book of Genaral Physiology by H.Davson (chruchill)
18. Text book of biochemistry by West Todd Mason and Brugger (Macmillan)
19. The chemical analysis of food by David pearson (churchill)
20. Human Nutrition and Dietectics by Davidson &passmore(williams)
21. Human physiology – stuart Ira Fox (5thEdt) (WCB)
22. Cell Biology : DeRoberts.
23. Cell and molecular biology, :Gerad karp
24. Molecular cell biology: David Baltimoe.
25. Principles and Techniques in biochemistry and molecular biology - Wilson & Walker
26. Biochemistry by U. Satyanarayana and U Chakrapani
27. Biochemistry by Voet and Voet
28. Principles of Genetics by Tamarin
29. Abul K. Abbas – Call And Molecular Immunology

30. Kuby. Immunology, W.H Freeman, USA
31. Elements of Biotechnology – R.K. Gupta.
32. PCR-Technology: Principles and application of DNA amplification – H.A. Erlich.
33. Text Book of Endocrinology, William.
34. General Endocrinology – Turner.
35. Cell and molecular biology, : Gerad karp
36. Molecular cell biology: David Baltimoe
37. A manual of Laboratory Practices. Good Biostatistics by N. Gurumani
38. Genetics by Peter J Russell
39. Evolution by Dobzhansky, Ayala, Stebbins, Valentine
40. Fundamental of Ecology. E.p.odum, G W Barrett.
41. Environmental Science. Willam .P.Cunningham Barbora woodworth saigo.
42. Toxicology -- Y.K.Lahir.
43. Gayathri Prakash, Reproductive Biology.
44. Human Nutrition and Dietetics by Davidson & passmore (williams)
45. Physiological basis of medical practice (12thedt)- Best and Taylor
46. Neurobiology – Gorden M Sheperd
47. Human Nutrition - Geissler & Powers, 11th edition, Elsevier Publications'
48. Dietetics - B Srilakshmi, 5th edition, New Age International Publishers
49. Nutrition and Dietetics - Shubhaagini A Joshi, 2nd edition, Tata Mc Graw Hill publication
50. Nutritional Science - B' Srilakshmi, New Age International Publishers' 2nd edition
51. Foods - Nutrition and Heatht - Dr. Vijaya Khader, Kalyani Publishers'
52. Nutrition in Health and Diseases - Anderson, 11th edition
53. Swaminathan M, Advanced Textbook on Food and Nutrition, Vol. I, Bappco.
54. Text book of Human Nutrition, 4th Edition, Ed. by Mahtab S.Bamji, Kamala Krishnaswamy and G.N.V. Brahmam. Oxford and IBH Publishing Co., P. Ltd. New Delhi.



Dated: 27/11/2025

To
The Chairman,
Committee for purchase of Books,
RUSA 2.0, Kakatiya University, WGL

Sub: requesting for purchase of books –regarding.

Sir,

According to instruction given by you, here I am submitting list of books to be purchased for the research project entitle **“Proposition for a security management in cloud computing for health care”** under RUSA2.0. the sanctioned budge for the purchase of the books is Rs. 64,800/- (5% of the soft component).

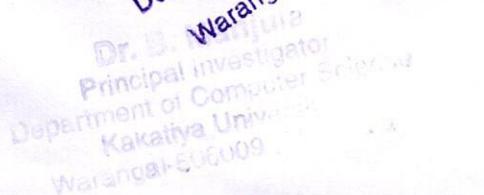
Sl.No	ISBN	Title	Auther	Publishers	Qty
1	9789354977190	Reema Thareja	Data Structures using C	Oxford	1
2	9789355735454	B.A.Forouzan	C Programming & Data Structures	Cengage	1
3		Seymour Lipchutz,	Theory and Problems of Data Structures		
4	9789332576250	Goetz, Brian	Java concurrency in practice	Pearson	1
5	9789390727506	Silber Schatz,	Database System Concepts	MGH	1
6	9789357460569	AbrahamSilberchatz	Operating System Principles	Wiley	1
7	9788131700051	W.R.Stevens	Advanced programming in the UNIX environment	Pearson	1
8	9788180545283	S.C.Gupta	Fundamental of Mathematical Statistics	Sultan Chand	1
9	8180547058	S.C.Gupta and	Fundamentals of Applied Statistics	Sultan Chand	1
10	9789353062989	Rafael C. Gonzalez	Digital Image Processing	Pearson	2
11	9789386858146	Milan Sonka,	Image Processing, Analysis and Machine Vision	Cengage	1
12	9789332585225	William Stallings	Cryptography and Network Security principles and Practice	Pearson	1
13	9781259096952	Tom M. Mitchell	Machine Learning	MGH	1
14	9788173716126	E Horowitz, S Sahni	Fundamentals of Computer Algorithms	University Press	1
15	9788131803349	Hari Mohan Pandey	Design, Analysis and Algorithm	Laxmi Pub	1
16	978-8173716126	TH Cormen,	Fundamentals of Computer Algorithms	University Press	1
17	9780077122799	Bob Hughes,	Software Project Management	Ingram Short	1
18	9780131873216	Daniel Jurafsky	Speech and Language Processing	Pearson	1

19	9780262035613	Goodfellow I.,	Deep Learning	MIT	1
20	BOOK7YK5QS	S.Rajasekaran	Neural Networks,Fuzzy Logic and Genetic Algorithms	Phi	1
21	9781484243534	Dipnajan Sarkar	Text Analytics with python	Apress	1
22	9789332587526	VamsiKurama,	Python Programming: A Modern Approach	Pearson	1
23	9781449355739	Mark Lutz,	Learning Python	Orielly	1
24	9781482205435	K. Chandrasekhran,	Essentials of Cloud Computing	CRC press, 2014	1
25	9789353164966	Rajkamal,	Big Data Analytics, Introduction to Hadoop, Spark, and MachineLearning	McGraw Hill	1
26	9788126544691	Michael Minelli, ,	Big Data, Big Analytics: Emerging Business intelligence and Analytic trends for Today's Business & Sons,2013	John Wiley	1

Thanking you

Yours truly,


Dr. B. Manjula
 Principal Investigator of IUSA 2.0
 Department of Computer Science
 Kakatiya University, Warangal-506009 Telangana State


Dr. B. Manjula
 Principal Investigator
 Department of Computer Science
 Kakatiya University (AUTG) India
 Warangal-506009

RASHTRIYA UCHCHATAR SHIKSHA ABHIYAN – RUSA 2.0



Prof. Estari Mamidala
Principal Investigator
RUSA 2.0 - Research, Innovation &
Quality Management

Department of Zoology
Kakatiya University,
Warangal-506 009. T.S
Email: drestari@kakatiya.ac.in



No.39/RUSA/ZOO/KU/2025

Dated: 29-11-2025

To

Nodal Officer, RUSA 2.0
Kakatiya University
Warangal – 506009

//Through proper channel//

Sub:- Request for purchase of Books under RUSA 2.0 Project.

Respected Sir,

With reference to the subject cited above, we have been sanctioned a research project entitled "*Validating Ethno-Medicines from Tribal areas of Telangana With a view to Isolation and Developing New Drug Molecule for Targeting HIV*" under RUSA 2.0 – Component 10: Research, Innovation & Quality Improvement, Kakatiya University.

In order to implement this research project, it is necessary to procure the following books as per the approved budget and sanction:

Sl.No	Books Name	Authors and Publishers
1.	Lehninger Principles of Biochemistry	Nelson and Cox
2.	Principles of Biochemistry	Voet, Voet, and Pratt
3.	Molecular Biology of the Cell	Bruce Alberts, Johnson, Lewis and other
4.	The cell: A molecular approach	Cooper and Hausman
5.	Molecular Biology of the Gene	James D. Watson, Baker, Bell, Gann, Levine, Losick
6.	Lewin's Genes	Jocelyn E. Krebs, Elliott S. Goldstein, Stephen T. Kilpatrick

Sl.No	Books Name	Authors and Publishers
7.	Molecular Biology of the Cell	Bruce Alberts, Johnson, Lewis and other
8.	Kuby Immunology	Jenni Punt, Judy Owen, Sharon Stanford, Patricia Jones
9.	Developmental Biology	Scott F. Gilbert
10.	Plant physiology and Development	Taiz and Zeiger
11.	Textbook of Medical Physiology (human Physiology)	Guyton and Hall
12.	Principles of Animal Physiology	Christopher D. Moyes and Patricia M. Schulte
13.	Principles of Genetics	Klug and Cummings
14.	Genetics: A Conceptual Approach	Benjamin A. Pierce
15.	Campbell Biology	Lisa A. Urry, Michael L. Cain and other
16.	Life Science	Prof. Estari Mamidala Principal Investigator Department of Zoology Kakatiya University, nd Usha Mina
17.	Prescott Microbiology	Joanne M. Willey, Linda M. Sherwood and other
18.	Fundamentals of Ecology and Environment	Pranav Kumar and Usha Mina
19.	Elements of Ecology	Smith and Smith
20.	Life Sciences: Fundamental and Practice	Pranav Kumar and Usha Mina
21.	Evolution	Douglas J. Futuyma and Mark Kirkpatrick
22.	Principles of Gene Manipulation and Genomics	S.B. Primrose and R.M. Twyman
23.	Plant Breeding: Principles and Methods	B.D. Singh
24.	Biophysics & Molecular Biology -Tools and Techniques.	Pranav Kumar

Sl.No	Books Name	Authors and Publishers
25.	Gene cloning and DNA analysis: An Introduction	T. A. Brown
26.	Principles and Techniques of Biochemistry and Molecular Biology	Wilson and Walker
27.	Molecular Cloning: A Laboratory Manual	Joseph Sambrook and David Russell
28.	Comprehensive book for understanding basic concepts of life science	Ashish Nagesh, Quaisher J. Hossain
29.	NMR Spectroscopy: Basic Principles, Concepts and Applications in Chemistry, 3rd Edition	Harald Gunther, Wiley (2014)
30.	High Resolution NMR Techniques	Timothy D.W. Claridge, Elsevier
31.	Quantum Description of High-Resolution NMR in Liquids	Maurice Goldman, Clarendon Press (1988)
32.	Understanding NMR Spectroscopy	J. Keeler, Publisher: Oxford University Press
33.	Spin Dynamics: Basics of Nuclear Magnetic Resonance	M. H. Levitt, Publisher: Oxford University Press
34.	Phytochemical Techniques	N. Raaman, New India Publishing Agency
35.	Extraction Techniques - Natural Products from Medicinal Plants	Ranjana Jadhav, Monika Shelake, Amol Pawar (Publisher not specified)
36.	Advances in Extraction and Applications of Bioactive Phytochemicals	Mihir Kumar Purkait, Elsevier
37.	Herbal Drug Technology	S. S. Agrawal et al., Chaukhamba Publications
38.	Medicinal Spices and Herbs from India, Volume 1	Sankhadip Bose (Editor), Apple Academic Press

Sl.No	Books Name	Authors and Publishers
39.	phytochemical Methods: A Guide to Modern Techniques of Plant Analysis	A.I. Harborne, Springer
40.	Phytochemicals: Extraction, Quantification, Isolation, and Characterization	Ashwani Kumar, Humana Press
41.	Phytochemical Analysis by Modern Techniques: Recent Trends and Future Perspectives	Deepak Kasote, Elsevier
42.	Phytochemistry (3-Volume Set)	Chukwuebuka Egbuna et al., CRC Press/Taylor & Francis
43.	Advances in Extraction and Applications of Bioactive Phytochemicals	Mihir Kumar Purkait, Elsevier
44.	Techniques and Methods in Biology	K.L. Ghatak (Indian), PHI Learning
45.	Biophysical Chemistry: Principles and Techniques	Upadhyay, Upadhyay, Nath (Indian), Himalaya Publishing
46.	Practical Biochemistry for Medical Students	Dr. Jhon R. Harborne (International) but often used in India
47.	Laboratory Techniques in Biochemistry and Molecular Biology	Nikolaeva, Thomas M. (International)
48.	Research Methodology and Biostatistics	P.S.S. Sinha (Indian), Himalaya Publishing
49.	Biostatistics and Computer Applications for Biology	P.K. Gupta (Indian), New Age International
50.	Fundamentals of Biostatistics	Veer Bala Rastogi (Indian), Elsevier India
51.	Biostatistics: A Foundation for Analysis in the Health Sciences	Wayne W. Daniel (International but standard)
52.	Biostatistics with R: An Introduction	Babak Shahbaba (International)

Sl.No	Books Name	Authors and Publishers
53.	Statistical Methods in Biology	Goon, Gupta, Dasgupta (Indian authors), World Press
54.	Cell Biology	E.B. Wilson (International classic)
55.	Cell Biology	De Robertis & De Robertis (International)
56.	Cell and Molecular Biology	Sanjay Mishra, Vikas Publishing (Indian)
57.	Cell Biology	S. Kumar, CBS Publishers (Indian)
58.	Cell Biology	P.S. Verma, V.K. Agarwal (Indian)
59.	Genetics	P.K. Gupta (Indian), Rastogi Publications
60.	Principles of Genetics	Snustad & Simmons (International but used in India)
61.	Genetics	B.D. Singh (Indian), Rastogi Publications
62.	Genetics: Molecular Approach	Verma, Agarwal & Agrawal (Indian)
63.	Human Genetics	C. B. Powar (Indian)
64.	Molecular Biology of the Gene	James D. Watson (International classic)
65.	Molecular Biology	U. Satyanarayana & U. Chakrapani (Indian), Books and Allied Pvt. Ltd.
66.	Molecular Biology Techniques: A Classroom Laboratory Manual	Heather Miller, D.G. Pearson (International)
67.	Principles of Molecular Biology	K. V. Krishnaswamy (Indian)

Sl.No	Books Name	Authors and Publishers
68.	Molecular Biology	Verma & Agarwal (Indian)
69.	Developmental Biology	Scott F. Gilbert (International)
70.	Principles of Developmental Biology	Lewis Wolpert (International)
71.	Developmental Biology	P.S. Verma (Indian)
72.	Developmental Biology	B. K. Shukla (Indian)
73.	Developmental Biology	B.D. Sharma (Indian)
74.	Textbook of Endocrinology	S.S. Nussey and S.A. Whitehead (International)
75.	Endocrinology	P.S. Tiwari (Indian)
76.	Textbook of Endocrinology	V. Krishnamurthy (Indian)
77.	Endocrinology and Reproductive Biology	Ravindra Kumar (Indian)
78.	Clinical Endocrinology	Parthasaradhi, CBS Publishers (Indian)
79.	Reproductive Biology	Verma, Agarwal, & Agrawal (Indian)
80.	Human Reproductive Biology	S.K. Anand (Indian)
81.	Textbook of Reproductive Biology	P.S. Verma (Indian)
82.	Reproductive Physiology	B.D. Sharma (Indian)
83.	Essentials of Reproductive Biology	P.C. Das (Indian)

Sl.No	Books Name	Authors and Publishers
84.	Cell and Molecular Biology: A Lab Manual	B.S. Chaitanya, PHI Learning
85.	Laboratory Manual for Molecular Biology (Post Graduate Plant Sciences)	D.M. Mamatha, A. Suvarna Latha, K.S. Shanthi Sree, International E-Publication
86.	Practical Manual of Modern Microbiology	Dr. Arup Kumar Mitra et al., Himalaya Publishing House
87.	Cell Biology and Genetics Lab Manual	Dr. N. Haraprasad, Dr. B.P. Hema, JSS Science and Technology University
88.	Molecular Biology & Biotechnology: A Practical Manual	Sunil D. Purohit, Neelu Joshi, Apex Publishing House
89.	Methods in the Extraction and Chemical Analysis of Medicinal Plants	A.M. Salam et al., Humana Press
90.	Phytochemical Methods: A Guide to Modern Techniques of Plant Analysis (Lab Protocols)	A.I. Harborne, Chapman & Hall
91.	Practical Pharmacognosy	Kokane C.K., Nirali Prakashan
92.	Pharmacognosy & Phytochemistry (Practical Manual)	Dr. S. S. Khadabadi et al., Nirali Prakashan
93.	Herbal Drug Technology	S. S. Agrawal et al., Chaukhamba Publications
94.	A Practical Book of Pharmacognosy and Phytochemistry	Dr. Javed Ali et al., AITBS Publishers
95.	Modern Textbook of Zoology: Invertebrates	R.L. Kotpal, Rastogi Publications
96.	Invertebrate Zoology	P.S. Dhami, J.K. Dhami, S. Chand
97.	A Manual of Practical Zoology: Invertebrates	P.S. Verma, S. Chand

Sl.No	Books Name	Authors and Publishers
98.	Practical Invertebrate Zoology	Veer Bala Rastogi, Medtech Publishers
99.	Modern Textbook of Zoology: Vertebrates	R.L. Kotpal, Rastogi Publications
100.	A Manual of Practical Zoology: Vertebrates	P.S. Verma, S. Chand
101. 1	Animal Physiology	P.S. Verma, S. Chand
102.	Animal Physiology Book - Best Life Science Theory Book	Kailash Choudhary, Ram Prakash Saran
103.	Principles of Veterinary Animal Physiology	Tanmoy Rana et al. (multi-author Indian), Routledge
104.	Practical Manual on Innovative Animal Physiology	R.P. Mali, S.K. Afsar
105.	Practical Zoology	Asim Kumar Chatterjee, Nirmala Library
106.	Advanced Practical Zoology (3rd Edition)	Jayanta Sinha, Arun Kumar Chatterjee, Piyali Chattopadhyay, Books & Allied
107.	Parasitology (Protozoology and Helminthology), 13th Edition	K.D. Chatterjee, CBS Publishers
108.	Zoology in Laboratory - Vol I	Dr. Aniruddha Chatterjee, Dr. I. Chatterjee et al.
109.	Advanced Practical Zoology	Dr. Jayanta Sinha, Dr. Arun Chatterjee, Dr. Piyali Chattopadhyay, Books & Allied
110.	CC Chatterjee's Human Physiology, Volume 1 (15th Edition, 2025)	C.C. Chatterjee (original), Nitin Ashok John (editor), CBS Publishers
111.	CC Chatterjee's Human Physiology, Volume 2 (15th Edition, 2025)	C.C. Chatterjee (original), Nitin Ashok John (editor), CBS Publishers

Sl.No	Books Name	Authors and Publishers
112.	CC Chatterjee's Human Physiology (Complete 2-Volume Set, 13th/14th Editions)	C.C. Chatterjee (original), Nitin Ashok John (editor), CBS Publishers
113.	Techniques in Molecular Biology. (HB)	Agrawal
114.	Essential Cell Biology, 4e (PB)	Alberts
115.	Molecular Biology of The Cell, 6e (HB)	Alberts
116.	Handbook of Computational Molecular Biology Pub. Price: £ 92.00 (HB)	Aluru
117.	Short Protocols in Cell Biology: A Compendium of Methods from Current Protocols in Cell Biology (PB)	Bonifacino
118.	Basic Bioscience Laboratory Techniques A Pocket Guide 2e (PB)	Bonner P L R
119.	Biomolecular Simulations Methods And Protocols (PB)	Bonomi M
120.	Freshneys Culture Of Animal Cells A Manual Of Basic Technique And Specialized Applications 8e (HB)	Capes-Davis A.
121.	Review of Biochemistry, 5e (PB)	Agrawal P.
122.	Laboratory Manual of Physiology and Biochemistry	Amrit Kaur
123.	Medical Biochemistry, 4e	Bhagavan
124.	Computational Immunology Basics (HB)	Ghosh S
125.	Practical Biochemistry 6e (PB)	Gupta R C

Sl.No	Books Name	Authors and Publishers
126.	Essentials of Medical Biochemistry, 2e	Gupta R. C.
127.	Biochemistry For Medical Laboratory Technology Students 3Ed (PB)	Harbans Lal
128.	Textbook Of Biochemistry 5Ed (PB)	Harbans Lal
129.	Practical Manual Of Biochemistry 2e (PB)	Kaushik G G
130.	Essentials of Pharmaceutical Biochemistry Including Practical Exercises, 2e (PB)	Lal Harbans
131.	Essentials Of Practical Biochemistry (PB)	Mohan S
132.	Lehninger Principles of Biochemistry, 8e (IE) (PB)	Nelson D.L.
133.	Biochemistry and Clinical Pathology	Pillai / Qadry
134.	Harpers Illustrated Biochemistry 32e (Ie) (PB)	Rodwell V.W.
135.	Nutritional Biochemistry (PB)	Sharma
136.	Dictionary of Biochemistry (PB)	Sharma / Prashar
137.	Practical Medical Biochemistry 3e (PB)	Sharma D C
138.	Biochemistry And Clinical Pathology Theory And Practical (PB)	Singh S P
139.	Textbook Of Biochemistry, 7e (PB)	Singh S. P
140.	Practical Manual of Biochemistry, 8e (PB)	Singh S.P.

Sl.No	Books Name	Authors and Publishers
141.	Essentials of Practical Biochemistry	Srivastava
142.	Practical Clinical Biochemistry, 6e	Varley / Harold
143.	Biopharmaceuticals: Biochemistry and Biotechnology, 2e (PB)	Walsh
144.	Textbook of Biochemistry, 4e (HB)	West
145.	Principles of Biochemistry, 6e	White
146.	Abrahams' and McMinn's Clinical Atlas of Human Anatomy, 8e (PB) (IE)	Abrahams
147.	Mosbys Anatomy Coloring Book 2e (PB)	Aburahma A F
148.	Diseases & Disorders: The World's Best Anatomical Charts, 4e (PB)	ACC
149.	Anatomy, Physiology and Health Education	Agrawal
150.	Moores Essential Clinical Anatomy 7e (Ie) (PB)	Agur A.M.R.
151.	Anatomy and Physiology A Lab Manual (IE)	Amitrano R.J
152.	Atlas Human Anatomy, 3 Vols. Set (PB)	Anastasi
153.	The Anatomy & Physiology Learning System, 4e, With CD (PB)	Applegate
154.	Netter's Illustrated Human Pathology (PB)	Buja
155.	Textbook of Anatomy And Physiology For Paramedical Students (PB)	Khurana I.

Sl.No	Books Name	Authors and Publishers
156.	Textbook of Basic and Clinical Immunology	Sudha Gangal, Shubhangi Sontakke, Universities Press
157.	Basics of Immunology	Dr. Preeti Sharma, Dr. Pradeep Kumar, IP Innovative Publication
158.	Immunology: An Introductory Textbook	Anil Kumar Sharma et al., Routledge
159.	Textbook of Immunology	Arvind Kumar, TERI Press
160.	Essentials of Immunology	S.K. Gupta, APC Books
161.	Practical Immunology (various lab manuals)	Indian university protocols
162.	Immunology Lab Manual	Sudha Gangal-associated (clinical focus), Universities Press
163.	Animal Biotechnology	M.M. Ranga, Agrobios India
164.	Textbook of Animal Biotechnology	B. Singh, S.K. Gautam, Daya Publishing
165.	Animal Biotechnology	V. Kumaresan, Saras Publication
166.	Animal Biotechnology: Recent Concepts and Developments	P. Ramadass, New India Publishing
167.	Fundamentals of Animal Biotechnology	T.K. Bhattacharya, Kalyani Publishers
168.	Essentials of Medical Parasitology (2nd Edition)	Apurba S. Sastry, Sandhya Bhat, Jaypee Brothers
169.	Textbook of Medical Parasitology (4th Edition)	Subhash Chandra Parija, All India Publishers
170.	Paniker's Textbook of Medical Parasitology (10th Edition, 2026)	Sougata Ghosh, Jagadish Chander, Jaypee Brothers

Prof. Estari Mamidala
Principal Investigator

Department of Zoology
Kakatiya University,

Sl.No	Books Name	Authors and Publishers
171.	Parasitology (Protozoology and Helminthology), 13th Edition	K.D. Chatterjee, CBS Publishers
172.	Medical Parasitology	Rajesh P. Karyakarte, Ajit S. Damle, Books & Allied
173.	Medical Microbiology and Parasitology: Prep Manual for Undergraduates (5th Edition, 2025)	B.S. Nagoba, Asha Pichare, Elsevier
174.	Clinical Microbiology and Parasitology (4th Edition)	Nanda Maheshwari, Jaypee Brothers

Yours sincerely,


(Prof. M. ESTARI)
Principal Investigator, RUSA 2.0 Project
Department of Zoology
Kakatiya University, Warangal – 506009

S No	Title	Author	Publisher	Edition
1	3d Point Cloud Analysis: Traditional, Deep Learning, and Explainable Machine Learning Methods	Shan Liu (Author), Min Zhang (Author), Pranav Kadam (Author), C.-C. Jay Kuo (Author)	Springer-Nature New York Inc	2021st
2	Geometry And Topology for Mesh Generation: 7 (Cambridge Monographs on Applied And Computational Mathematics, 7)	Herbert Edelsbrunner (Author)	Cambridge Univ Pr	1st
3	Multiple View Geometry in Computer Vision	Richard Hartley (Author), Andrew Zisserman (Author)	Cambridge University Press	2nd
4	Digital Image Processing, 4e	Rafael C. Gonzalez (Author), Richard E. Woods (Author)	Pearson Education	4e
5	Computer Vision: Algorithms and Applications (Texts in Computer Science)	<u>Richard Szeliski (Author)</u>	Springer Nature Switzerland AG	
6	3D Face Modeling, Analysis and Recognition	Mohamed Daoudi (Editor), Anuj Srivastava (Editor), Remco Veltkamp (Editor), Faisal Radhi M. Al-Osaimi (Contributor), Mohsen Ardabiliyan (Contributor)	John Wiley & Sons Inc	1st
7	3D Imaging, Analysis and Applications	<u>Nick Pears</u> (Editor), Yonghui Liu (Editor), Peter Bunting (Editor)	Springer London Ltd	2012th
8	Digital Image Processing and Analysis: Computer Vision and Image Analysis,	Scott E. Umbaugh, Southern Illinois University Edwardsville	CRC Press, Inc.	4th edition



RASHTRIYA UCHCHATAR SHIKSHA ABHIYAN (RUSA 2.0)
KAKATIYA UNIVERSITY
WARANGAL - 506009



Dr B. Deepa Jyothi
Principal Investigator, Rusa 2.0
Department of English
Kakatiya University, Warangal- 506009(TS) INDIA

No. 797ENG/UC/KU/WGL

Date: 03-12-2025

To
The Chairman
Purchase Committee of Textbooks & Reference books
RUSA 2.0
Kakatiya University, Warangal- 506009(TS)

Sub: Kakatiya University, Warangal - RUSA 2.0 - Submission of list of Reference Books for research project entitled "English for Social Empowerment: Towards an Add-on Course to Low-Achieving Learners" under Component 10: Research and Innovation of RUSA 2.0- Reg.

Sir,

With reference to the subject cited, I am here by submitting, the list of reference books for research project entitled "English for Social Empowerment: Towards an Add-on Course to Low-Achieving Learners" under RUSA 2.0. The details are mentioned below:

S L NO	Title of the Book	Author(S)	Publisher & year	Edition/year
1.	<i>Pedagogy of the Oppressed</i>	Paulo Freire	Continuum / Bloomsbury Academic, 2000. ISBN 978-0826412768.	30th Anniversary Edition (paperback),
2.	<i>Translingual Practice: Global Englishes and Cosmopolitan Relations</i>	Suresh Canagarajah	Routledge, 2013 ISBN 978-0415684002 / 978-0203073889	1st edition,
3.	<i>The Cultural Politics of English as an International Language.</i>	Alastair Pennycook	Longman (now Routledge reissues), 1994. ISBN 978-0582234727	1st edition
4.	<i>Teaching English as a Second or Foreign Language.</i>	Marianne Celce-Murcia, Donna M. Brinton & Marguerite Ann Snow (eds.)	National Geographic Learning / Heinle Cengage, 2013/2014. ISBN 978-1111351694	4th edition
5.	<i>Curriculum Development in</i>	Jack C. Richards	Cambridge University	2nd edition

	<i>Language Teaching</i>		Press, 2001 (reprints 2010 etc.). ISBN 978-0521804912.	
6.	<i>Language and Symbolic Power.</i>	Pierre Bourdieu	Polity Press / Harvard University Press, 1991/1993.	
7.	<i>Materials Development in Language Teaching</i>	Brian Tomlinson (ed.)	Cambridge University Press, 2011. ISBN 978-0521157049 / 9780521762854	2nd edition,
9.	<i>Principles of Language Learning and Teaching</i>	Brown, H. D. & Lee, H.	Routledge, 2025.	7th Edition
10.	<i>English in the Indian Classroom: The Postcolonial Reality.</i>	Agnihotri, Rama Kant.	Orient Blackswan, 2015.	
11.	<i>English Language Teaching in India: Issues and Innovations.</i>	Agnihotri, Rama Kant, and A. L. Khanna, editors.	Sage Publications, 1997	
12.	<i>Teaching and Learning English in India.</i>	Agnihotri, Rama Kant, and Rajasree K. Nambisan, editors.	Cambridge University Press India, 2016.	
13.	<i>Approaches to Remedial Teaching in English.</i>	Bharadwaj, J. K.	Kalyani Publishers, 2013.	
14.	<i>Provincializing Europe: Postcolonial Thought and Historical Difference.</i>	Chakrabarty, Dip <small>Dr B. Deepa Jyothi Principal Investigator, Rusa 2.0</small> Department of English	Princeton University Press 00.	
15.	<i>After Amnesia: Tradition and Change in Indian Literary Theory.</i>	Devy, G. N..	Orient Blackswan, 1993.	
16.	<i>English for the Marginalized.</i>	Devy, G. N., editor.	Orient Blackswan, 2018.	
17.	<i>The Alchemy of English: The Spread, Functions, and Models of Non-Native Englishes.</i>	Kachru, Braj B.	University of Illinois Press, 1986.	
18.	<i>Education and the Disadvantaged: Challenges and Innovations</i>	Kamat, Vasudha.	Himalaya Publishing House, 2010.	
19.	<i>What Is Worth Teaching?</i>	Kumar, Krishna.	Orient Blackswan, 2004.	
20.	<i>Politics of Education in Colonial India</i>	Kumar, Krishna.	Routledge, 2022.	
21.	<i>The Multilingual Reality: Living with Languages..</i>	Mohanty, Ajit K.	Multilingual Matters, 2019.	
22.	<i>Language Education and Social Justice in India.</i>	Mohanty, Ajit K., and Minati Panda, editors.	Routledge, 2019.	

Dr B. Deepa Jyothi
Principal Investigator, Rusa 2.0
Department of English

23.	<i>This Gift of English: English Education and the Constitution of Literary Taste in India.</i>	Mukherjee, Alok.	Orient Blackswan, 2009.	
24.	<i>Teaching English in Tribal Areas.</i>	Patil, P. B.	Himalaya Publishing House, 2008.	
25.	<i>Second Language Pedagogy</i>	Prabhu, N. S.	Oxford University Press, 1987.	
26.	<i>Reaching for the Sky: Empowering Girls through Education</i>	Sahni, Urvashi.	Brookings Institution Press, 2017.	
27.	<i>Cognition and Multilingualism in India.</i> Springer, 2023.	Sridhar, Shubha, and S. N. Sridhar, editors.	Springer, 2023.	
28.	<i>Social Inclusion and Education in India: Scheduled Tribes, Denotified Tribes and Nomadic Tribes</i>	Shah, Ghanshyam and Joseph Bara, editors.	Routledge India, 2020.	
29.	<i>Writing Caste, Writing Gender: Narrating Dalit Women's Testimonios.</i>	Rege, Sharmila.	Zubaan Books, 2006.	
30.	<i>Caste Matters</i>	Yengde, Suraj.	Penguin Random House India, 2019	
31.	<i>Social Inclusion and Education in India: Scheduled Tribes, Denotified Tribes and Nomadic Tribes</i>	Shah, Ghanshyam and Joseph Bara, editors	Routledge India, 2020.	
32.	<i>Confronting Caste Exclusion</i>	Thorat, Sukhadeo.	Rawat Publications, 2025	
33.	<i>Feminist and Anticaste Pedagogies: A Sharmila Rege Reader</i>	Geetha, V., editor.	Routledge India, 2024.	1 st edition
34.	<i>Postcolonial Literature: An Introduction</i>	Nayar, Pramod K.	Pearson, 2015.	2 nd edition
35.	<i>Postcolonial Ecocriticism: Literatures of the Environment.</i>	Nayar, Pramod K.	Routledge, 2021.	
36.	Dalit Feminist Theory: A Reader.	Arya, Sunaina, and Aakash Singh Rathore, editors.	Routledge, 2020. ISBN 9780367438418.	
37.	<i>The Cultural Politics of English as an International Language</i>	Pennycook, Alastair	Longman, 1994.	
38.	<i>English and Empowerment in the Developing World</i>	Stroud, Christopher, and Mastin Prinsloo, editors	Routledge, 2016.	
39.	<i>Language Education and the Indian Classroom</i>	Palaniappan, M.	Pearson, 2014.	
40.	<i>English for Specific Purposes</i>	Hutchinson, Tom, and Alan Waters	Cambridge University Press, 2010	

Dr B. Deepa Jyothi
Principal Investigator, Rusa 2.0
Department of English

41.	<i>Materials Development in Language Teaching</i>	Tomlinson, Brian, editor	Cambridge University Press, 2011.	2 nd edition
42.	<i>Post-Colonial Studies: The Key Concepts</i>	Ashcroft, Bill, Gareth Griffiths, and Helen Tiffin	Routledge, 2013.	3 rd edition
43.	<i>The Empire Writes Back: Theory and Practice in Post-Colonial Literatures</i>	Ashcroft, Bill, Gareth Griffiths, and Helen Tiffin	Routledge, 1989	
44.	<i>The Location of Culture</i>	Bhabha, Homi K.	Routledge, 1994	2 nd edition
45	<i>Colonial and Postcolonial Literature</i>	Boehmer, Elleke	Oxford University Press, 2005	
46	<i>The Wretched of the Earth</i>	Fanon, Frantz	Grove Press, 1963.	
47	<i>Black Skin, White Masks.</i>	Fanon, Frantz, Translated by Charles Lam Markmann	Pluto Press, 2008.	
48	<i>Postcolonial Theory: A Critical Introduction</i>	Gandhi, Leela.	Columbia University Press, 2019.	2 nd edition
49	<i>The Signifying Monkey: A Theory of African-American Literary Criticism</i>	Gates Jr., Henry Louis	Oxford University Press, 1988.	
50	<i>Representation: Cultural Representations and Signifying Practices</i>	Hall, Stuart.	Sage Publications, 1997.	
51	<i>The Postcolonial Question: Common Skies, Divided Horizons</i>	Hall, Stuart, et al., editors	Routledge, 1996.	
52	<i>Decolonising the Mind: The Politics of Language in African Literature</i>	Ngũgĩ wa Thiong'o	Heinemann, 1986.	
53	<i>English and the Discourses of Colonialism</i>	Pennycook, Alastair	Routledge, 1998	
54	<i>Orientalism</i>	Said, Edward W.	Vintage Books, 1979.	
55	<i>In Other Worlds: Essays in Cultural Politics</i>	Spivak, Gayatri Chakravorty	Routledge, 1988.	
56	<i>A Critique of Postcolonial Reason: Toward a History of the Vanishing Present.</i>	Spivak, Gayatri Chakravorty	Harvard University Press, 1999.	
57	<i>Decolonizing Methodologies: Research and Indigenous Peoples</i>	Smith, Linda Tuhiwai	Zed Books, 2012	2 nd edition
58	<i>Postcolonialism: An Historical Introduction</i>	Young, Robert J. C.	Blackwell, 2001	
59	<i>Subaltern Studies I: Writings on South Asian History & Society</i>	Guha, Ranajit, editor.	Oxford University Press, 1982.	
60	<i>Subaltern Studies II. Oxford</i>	Guha, Ranajit, editor.	Oxford University Press,	

Dr B. Deepa Jyothi
Principal Investigator, Rusa 2.0
Department of English

	University Press, 1983		1983	
61	<i>Subaltern Studies III</i>	Guha, Ranajit, editor	Oxford University Press, 1984	
62	<i>Subaltern Studies IV</i>	Guha, Ranajit, editor	Oxford University Press, 1985	
63	<i>Subaltern Studies V</i>	Guha, Ranajit, editor	Oxford University Press, 1987	
64	<i>Subaltern Studies Reader , 1986–1995.</i>	Guha, Ranajit, editor	Oxford University Press, 2000. ISBN 9780195652307.	
65	Mapping Subaltern Studies and the Post-Colonial.	Vinayak Chaturvedi, editor	Verso Books, 2012	
66	<i>Debating Cultural Hybridity: Multicultural Identities and the Politics of Anti-Racism</i>	Werbner, Pnina, and Tariq Modood, editors	2nd ed., Zed Books / Bloomsbury, 2015	2 nd edition
67	<i>Dalit Studies</i>	Ramnarayan S. Rawat & K. Satyanarayana (eds.)	Duke University Press, 2016	
68	<i>Dalit Literature: A Critical Exploration</i>	Amar Nath Prasad & M.B. Gaijan (eds.)	Sarup & Sons, 2007.	
67	<i>Dalit Literature: Journey from Repression to Resistance</i>	S. Chelliah & Bijender Singh (eds.)	Kalpaz Publications, 2019. ISBN 9789353240523.	
68	<i>Caste Matters</i>	Suraj Yengde	Penguin Random House India, 2019. ISBN 978-9-353-05582-0.	
69	<i>The Radical in Ambedkar: Critical Reflections</i>	Suraj Yengde & Anand Teltumbde (eds.)	Penguin Random House India, 2018. ISBN 978-0-670-09041-9.	
70	<i>Marxism and the Interpretation of Culture</i>	Cary Nelson and Lawrence Grossberg(eds.)	University of Illinois Press, 1988. ISBN: 0252060261	
71	<i>Dalit Feminist Theory: A Reader</i>	Sunaina Arya & Aakash Singh Rathore (eds.)	Routledge, 2020. ISBN 9780367438418	
72	<i>Feminist and Anticaste Pedagogies: A Sharmila Rege Reader</i>	V. Geetha (ed.) / after essays by Sharmila Rege	Taylor & Francis / Routledge, 2021.	
73	<i>Mapping Dalit Feminism: Towards an Intersectional Standpoint</i>	Anandita Pan	SAGE Publications Pvt. Ltd 2020	

Dr B. Deepa Jyothi
Principal Investigator, Rusa 2.0
Department of English

74	<i>The Black Atlantic: Modernity and Double Consciousness.</i>	Gilroy, Paul	Verso Books / Harvard University Press, 1993.	
75	<i>Postcolonialism: An Historical Introduction</i>	Young, Robert J. C.	Blackwell, 2001.	
76	<i>White Mythologies: Writing History and the West.</i>	Young, Robert J. C.	Routledge, 2004.	2nd ed.,
77	<i>Teaching English as a second language.</i>	Allen, H. B., & Campbell.	McGraw-Hill. 1972	
78	<i>English as a Global Language</i>	Crystal, David.	Cambridge UP, 1997	
79	<i>Dalit Literature and Criticism</i>	Raj Kumar	Orient Black Swan, 2019	
80	<i>World Englishes: Implications for International Communication and English Language Teaching.</i>	Kirkpatrick, Andy.	Cambridge UP , 2007	
81	<i>Teaching English: Approaches, Methods and Techniques.,</i>	Krishnaswamy, N.	Macmillan, 2005	
82	<i>The Story of English in India.</i>	Krishnaswamy, N., and Lalita Krishnaswamy.	Foundation Books, 2006	
83	<i>English Language Teaching in India.</i>	Kudchedkar, S.	Orient Blackswan, 2002.	
84	<i>Beyond Methods: Macrostrategies for Language Teaching.</i>	Kumaravadivelu, B.	Orient Longman, 2006.	
85	<i>Political Agenda of Education: A Study of Colonialist and Nationalist Ideas.</i>	Kumar, Krishna.	SAGE, 1991.	
86	<i>Techniques and Principles in Language Teaching.</i>	Larsen-Freeman, Diane.	Oxford UP, 2000.	
87	<i>English Language Teaching: Approaches, Methods, Techniques.</i>	Nagaraj, Geetha.	Orient Longman, 2008.	
88	<i>Approaches and Methods in Language Teaching.</i>	Richards, Jack C., and Theodore S. Rodgers.	Cambridge UP, 1986.	
89	<i>Fundamental Concepts of Language Teaching.</i>	Stern, H. H.	Oxford UP, 1983.	
91	<i>Diasporic Theory and Transnationalism</i>	Himadri Lahari	Orient Black Swan, 2019	
92	<i>Eco Criticism</i>	Swarnalatha Rangarajan	Orient Black Swan, 2018	
93	<i>A History of the English Language.</i>	Baugh, Albert C., and Thomas Cable.	Routledge, 2002.	

Dr B. Deepa Jyothi
Principal Investigator, Rusa 2.0
Department of English

94	<i>Edward Said: A Critical Introduction</i>	Jaydeep Chacrabarty	Orient Black Swan, 2023	
95	<i>Feminisms</i>	Arpita Mukhopadhyay	Orient Black Swan, 2016	
96	<i>Frantz Fanon: Identity and Resistance</i>	Allen Hibbard(Editor)	Orient Black Swan, 2019	
97	<i>Life Writing: A Short Introduction</i>	Rajesh V. Nair	Orient Black Swan, 2024	
98	<i>Marxist Literary and Cultural Theory</i>	David Anshen	Orient Black Swan, 2017	
99	<i>Mikhail Bakhtin: A Critical Introduction</i>	E. V. Ramakrishnan	Orient Black Swan, 2023	
100	<i>Popular Culture</i>	Abin Chakraborty	Orient Black Swan, 2019	
101	<i>Psychoanalytic : Theory and Criticism-by way of an introduction to the writings of Sigmund Freud</i>	Andrew Slade	Orient Black Swan, 2015	
102	<i>Queer Studies: Texts, Contexts, Praxis</i>	Kaustav Bakshi and Rohit K Dasgupta	Orient Black Swan, 2019	
103	<i>Subaltern Studies: A Short Introduction</i>	Gargi Talapatra	Orient Black Swan, 2024	

Yours faithfully,

PRINCIPAL INVESTIGATOR

Dr. B. Deepa Jyothi
 Principal Investigator
 Department of English
 Kakatiya University
 Warangal - 506 009 (TG) INDIA



**PHARMACY INDIVIDUAL RESEARCH PROJECT
RASHTRIYA UCHCHATAR SHIKSHA ABHIYAN – RUSA**



Prof. NEERATI PRASAD

M.Pharm. Ph.D. PDF (USA)

PRINCIPAL INVESTIGATOR

prasadneerati@gmail.com

 **కాకతీయ విశ్వవిద్యాలయం**
KAKATIYA UNIVERSITY
NAAC-(A+) GRADE
HANAMKONDA, TELANGANA, INDIA

No: 38/RUSA-2.0/Ph/KU/2025

Date: 02-12-2025.

To,
The Nodal Officer
RUSA 2.0
Kakatiya University
Warangal – 506 009.

Sub: RUSA-2.0: Submission of details of List of Books- Individual Project
“Overcoming P-Glycoprotein-Mediated Multidrug Resistance in rats with colorectal Cancer: Potential reversal compounds from secretions of Common Indian Toad” from the department of Pharmacy. Regarding

•••••

Sir / Mam,

As per the subject mentioned above submission of list of Books for the Individual project entitled “Overcoming P-Glycoprotein-Mediated Multidrug Resistance in rats with colorectal Cancer: Potential reversal compounds from secretions of Common Indian Toad”. All the necessary documents have been attached for the further processing.

Kindly do the needful.

Thanking you.

Yours sincerely,

**Prof. PRASAD NEERATI
(PRINCIPAL INVESTIGATOR)**

**Principal Investigator
Prof. NEERATI PRASAD
Pharmacy Individual Project
RUSA 2.0, R.J. Warangal.**



RASHTRIYA UCHCHATAR SHIKSHA ABHIYAN (RUSA 2.0)
KAKATIYA UNIVERSITY
WARANGAL – 506009



PROF. NEERATI. PRASAD
PHARMACY INDIVIDUAL PROJECT
DEPARTMENT OF PHARMACY

S.N o	Book Name	Author	Publisher	Edition	Quantity
1	GOODMAN & GILMANS THE PHARMACOLOGICAL BASIS OF THERAPEUTICS	Louis S. Goodman and Alfred Gilman	McGraw Hill	14	01
2	Practical Manual of Experimental and Clinical Pharmacology	Bikash Medhi, Ajay Prakash	Jaypee Brothers Medical Publishers	2	01
3	Analytical Chemistry	Gary D. Christian, Purnendu K. Dasgupta, Kevin A. Schug	Wiley	7	01
4	Laboratory Manual Selected Experiments of Pharmaceuticals Analysis	Anees Ahmad Siddiqui,	CBS	2	01
5	A Practical Handbook of Preparative HPLC	Donald A. Wellings	Elsevier Science Ltd	1	01
6	Pharmacological Classification of Drugs with Doses and Preparations	K. D. Tripathi	Jaypee Brothers Medical Publishers Pvt. Ltd.	7	01
7	Text book of advanced Pharmaceutical Analysis (As per	Teja Kumar Reddy Konatham	Walnut Publication	1	01

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DEPARTMENT OF PHARMACY

	revised Syllabus)	PCI			
8	Real-time (Advanced Methods)	Pcr	M. Tevfik Dorak Taylor & Francis.	1	01
9	Western Blotting: Methods and Protocols: 1312 (Methods in Molecular Biology)		Biji T. Kurien, R. Hal Scofield Humana Press Inc.	1	01
10	Gel Electrophoresis: Novel Approaches		Gel Electrophoresis: Novel Approaches Callisto Reference	1	01
11	Cellular and Molecular Pharmacology (M. Pharmacy)		Dr. Papagatla Poli Reddy, Dr. C. Ronald Darwin, Dr. Yallamalli Indira Muzib, Dr. P. Balaji, Prashanth Parupathi AkiNik Publications	1	01
12	CELLULAR AND MOLECULAR PHARMACOLOGY		Dr. Padmaja Santosh Kore , Dr. Suj PROF. NEERATI. PRASAD Bodhankar PHARMACY INDIVIDUAL PROJECT DEPARTMENT OF PHARMACY	1	01
13	Pharmacological Screening Methods		Nishant S Jain Nirali Prakashan	8	01
14	Introduction to Pharmaceutical Analysis		R R Badwaik, Shiv Shankar Shukla, Dular Krishna Tripathi Pharmamed Press	1	01
15	Pharmacological and Toxicological Screening Methods -I		K. Manjeera, Yaso Deepika, P. Naveen, A. Divya Notion Press	1	01
16	Practical HPLC Method Development		Lloyd R. Snyder, Joseph J. Kirkland, Joseph L. Glajch Wiley- Interscience	2	01
17	Fundamentals of Fourier Transform Infared Spectroscopy		Brian C. Smith CRC Press	2	01
18	LC/MS: A Practical User's Guide		Marvin C. McMaster Wiley- Interscience	1	01

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PHARMACY INDIVIDUAL PROJECT
DEPARTMENT OF PHARMACY

19	Concise Textbook of Small Animal Handling: A Practical Handbook	C. B. Chastain	CRC Press	1	01
20	Practical Clinical Oncology	Louise Hanna	Cambridge English	2	01
21	Molecular Cloning: A Laboratory Manual	Joseph Sambrook, David W. Russell	Cold Spring Harbor Laboratory Press	4	01
22	Molecular Biotechnology: Principles and Applications of Recombinant DNA	Glick & Pasternak	ASM Press	6	01
23	Drug Discovery Strategies and Methods	Alexandros Makriyannis, Diane Biegel	CRC Press	1	01
24	DiPiro's Pharmacotherapy: A Pathophysiologic Approach	Joseph T. DiPiro, Gary C. Yee, Stuart T. Haines, Thomas D. Nolin, Vicki L. Ellingrod, L. Michael Posey	Mc Graw Hill1	12	01
25	Drug Repurposing: Innovative Approaches to Drug Discovery and Development	Naveen Chella, Om Prakash Ranjan, Amit Alexander	Springer Nature	2024th	01

neerati
 Principal Investigator
 Prof. NEERATI PRASAD
 Pharmacy Individual Project
 RUSA 2.0, KU, Warangal.

RASHTRIYAUCHCHATARSHIKSHAABHIYAN-RUSA2.0

KAKATIYA UNIVERSITY, WARANGAL- COMPONENT 10 RESEARCH



Dr. T. SHASTHREE
Principal Investigator
RUSA2.0, Component 10
Department of Biotechnology



Kakatiya University, Warangal-506009, Telangana State, India

No: 267 /Biotech/R&I/2025

Date: 03-12-2025

The Nodal Officer,
RUSA 2.0.
Kakatiya University
Warangal-506 009, TG.

Sub:- Request for purchase of Books under RUSA 2.0 Project.

* * *

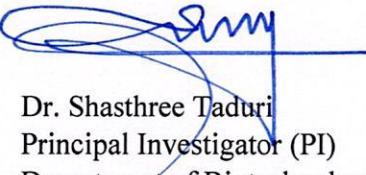
Sir,

With reference to the subject cited above, we have been sanctioned a research project entitled "Application of plant transformation methods and genome editing tools for crop improvement and enhancement of secondary metabolites in higher plants." under RUSA 2.0, Component 10, Research, Innovation & Quality Improvement, in the Department of Biotechnology, Kakatiya University.

In order to implement this research project, it is necessary to procure the following books as per the approved budget and sanction:

1. Transgenic Plants: Methods and Protocols (Methods in Molecular Biology, Springer)
2. Plant Transformation Technologies (Wiley)
3. Gene Editing in Plants: CRISPR-Cas and Its Applications (Springer, 2024)
4. Plant Genome Editing with CRISPR Systems (Springer)
5. Genome Editing in Plants: Principles and Applications (Routledge, 2021)
6. Methods in Plant Biochemistry, Volume 1: Plant Phenolics, Editors: P. M. Dey, J. B. Harborne, Publisher: Academic Press
7. Molecular Biology of the Cell – Alberts, Publisher: Garland Science
8. Molecular Cell Biology – Lodish, Publisher: W.H. Freeman
9. Molecular Biology of the Gene – Watson, Publisher: Pearson

10. Principles of Gene Manipulation and Genomics – Primrose & Twyman, Publisher: Wiley
11. Biotechnology – B. D. Singh, Publisher: Kalyani Publishers
12. Grierson A.J., Miller K. — Practical Biotechnology
13. Dubey R.C. — A Textbook of Biotechnology
14. Rastogi & Rastogi — Textbook of Biotechnology
15. Carlberg M. — Cellular and Molecular Biology
16. Nelson & Cox — Lehninger Biochemistry
17. Solomon, Berg, Martin — Biology
18. Gupta S.C. — Fundamentals of Statistics
19. Daniel W. — Biostatistics
20. Kothari C.R. — Research Methodology: Methods and Techniques
21. Watson et al. — Molecular Biology of the Gene
22. Lodish — Molecular Cell Biology
23. Brown T.A. — Genomes
24. Sanjam S. & Khullar M. — Textbook of Molecular Biology
25. Primrose & Twyman — Principles of Gene Manipulation
26. Carlberg M. — Cellular and Molecular Biology
27. Roitt, Brostoff & Male — Immunology — Mosby
28. Wolpert L. — Principles of Development — Oxford
29. Browder — Developmental Biology
30. Old R.W. & Primrose S.B. — Principles of Gene Manipulation
31. Grierson & Miller — Practical Biotechnology
32. Watson et al. — Recombinant DNA
33. R.C. Dubey — A T Principal Investigator
Dr. T. SHASTHREE
RUSA2.0, Component 10
Department of Biotechnology
34. P.C. Jain — Molec
35. M.N. Arumugam — Animal Physiology — Saras Publications
36. U. Satyanarayana & Chakrapani — Biochemistry — Elsevier
37. P.K. Ghosh — Biochemistry — Books & Allied
38. Arumugam — Biotechnology — Saras Publications
39. R.S. Sengar — Genetic Engineering & Biotechnology — Rastogi



Dr. Shasthree Taduri
Principal Investigator (PI)
Department of Biotechnology
Kakatiya University
Telangana



RASHTRIYA UCHCHATAR SHIKSHA ABHIYAN – RUSA 2.0

Prof. E.Narayana
Principal Investigator
RUSA 2.0 - *Research, Innovation & Quality Management*

Department of Zoology
Kakatiya University,
Warangal-506 009. T.G
E.mail:drnarayanadora@gmail.com



No. 67/Zool/UC/KU/2025

Date: 02-12-2025

To
The Nodel Officer
RUSA 2.0
Kakatiya University
Warangal

Sub: Supply of List of reference Books –Reg.

Dear Sir,

Kindly find the enclosed list of Books with author names and Publishers Under my RUSA Project 2.0.

Thanking you

Yours faithfully,


Prof. E. NARAYANA
Principal Investigator
RUSA 2.0, Research Project
Department of Zoology
Kakatiya University, Warangal-506009. T.G

LIST OF REFERENCE BOOKS

Prof. E. Narayana, PI, RUSA 2.0, Department of Zoology, KU

Sl. No.	Reference Book
1.	Principal of Systematic Zoology –Ernst mayr
2.	System a Nature – Carl van Linnaeus Arthropo pesto of horticultural Crops in Tropical Asia- Muniappan, Rangaswamy
3.	Arthropod Collection and Identidication by Gibb Christian Y. Oseto
4.	Altas on the Biology of Soil arthropods Garhard Eisenbeis Wilfoied Wichard
5.	The Economic Importance of in seels Dennis S. HICC
6.	Essentials of Agricultural Entomology GS Dhaliwal Ram Sing B.S. Chhillar
7.	Hand Book of Agricultural Entomology H.F. Van Emder
8.	The Role of arthropods in Forest Ecosystem Soil micro arthropods in the Nilgin's Jayaraman Dharrarj Lambet Acadmic Publishing Chinnappan Gunaselearan.
9.	Biology and Ecology of Earthwarrus Cline a. Edwards Noman Q. Fourth Edition
10.	Vermi technology Vermi culture Vermi cornpt and Earthworm Avinish Chavhan
11.	Termiter and mites Timothy A Field guide to the Spids genera of India Debomay Chanda Atul Vartak Siddhaqth kalakami
12.	A Text Book of Zoology Vol.I ----- P.S. Dhami; Jk.Dhami.
13.	A Text Book of Invertbrate zoology ----- R.L.Kotpal
14.	Vertebrate Zoology ----- EL Jordan; P.S. Verma
15.	A Text Book of Zoology Vol.II ----- P.S. Dhami; Jk.Dhami
16.	Comparative protozoology, Ecology, Physiology, Life history, Anderson, O.R. , Springer verlag, Berlin
17.	General Parasitology, Cheng T. C., Academic Press.
18.	Medical Parasitology, Piakarsky G. L., Springer Verlag, Berlin
19.	Modern Parasitology, Cellular immunological & immunological aspects, Wyler D. J., Eds.,
20.	A Text book of Parasitology, Bombay popular prakashan – by S.S. Kelkar and Rohini S. Kelkar
21.	Parasitology – by Chandler and Chands
22.	Parasitology, Medical Pulisher Calcutta, 1987. K.D. Chaterjee.
23.	Parasitology – By Ramnik sood, C.B.S. Publisher, New Delhi – 1993
24.	Aquaculture Management, Meade, J.W. Van Nostrand, New York, 1989
25.	Aquaculture principles and practices, Pillay, T.V. R. Fishes News (Books) Ltd., London, 1990
26.	Water Quality Management for Pond Fish culture, Boyd, C.E. Elsevier Scientific publishing company, 1982.
27.	. Principles of Fresh Water Aquaculture, Stickney, R.R. John, Wiley & Sons, New York, 1979

W
 Prof. E. NARAYANA
 Principal Investigator
 RUSA 2.0 Research Project
 Department of Zoology
 Pondicherry University, Watangal-500009, Tl

28.	Aquaculture – The Farming and Husbandry of fresh water and marine organisms, Bardach, et al., John Wiley & Sons, New York, 1979.
29.	A manual of Freshwater Aquaculture, Santhanam, R. et al., Oxford & IBH Publishing Co. Pvt. Ltd., 1987.
30.	Advances in Aquaculture, Pillay, T.V.R. & M.A., DIII. Fish News (Books) Ltd., England, 1979
31.	Text book of Limnology, Cole, C.A., The C.V. Mosby Co., 1983.
32.	The Fresh Water Fishes of India, Pakistan, Bangladesh, Burma and Sri Lanka, Hand Book , Jayaram , K.C., (1981), Z oological survey of India, Calcutta.
33.	Principles of Systematic Zoology, Mayer and Ashok..
34.	Fish and Fisheries of India, Jhingran, V.G. Hindustan Publishing Co., Calcutta, (1975).
35.	Fish and Fisheries, Yadav, B.N. Daya Publishing House
36.	The Biology of Animal Parasites, Chang. T.C. Saunders, Philadelphia, (1964).
37.	Text book of Fish Diseases. Conroy. D.A. and R.C. Heanean, (1968).
38.	Methods for assessment of Fish Production in Fresh Water, Ricker, W.K. (1984), Blackwell Publications.

Prof. E. Narayana, PI, RUSA 2.0, Department of Zoology, KU


 Prof. E. NARAYANA
 Principal Investigator
 RUSA 2.0, Research Project
 Department of Zoology
 Kakatiya University, Warangal-506009, T.G.



RASHTRIYA UCHCHATAR SHIKSHA ABHIYAN (RUSA 2.0)
DEPARTMENT OF CHEMISTRY
KAKATIYA UNIVERSITY
WARANGAL - 506009



Prof. T. SAVITHA JYOSTNA
Principal Investigator

E-mail: savithajyostna@gmail.com
Cell: 9908455351

No. **252**/CHEM/UC/KU/WGL

Date:- **03-12-2025**

To,
The Chairman RUSA2.0,
Kakatiya University, Warangal.

Sub: Submission of list of Books under RUSA. 2.0 Req -Reg..

Sir,

With reference to the subject cited above I am here with submitting the list of books for the purchase under RUSA.2.0 research project entitled **“Thermodynamic investigations of Cholinergic Drugs (Acetylcholine, Bethanechol, Carbachol) at various temperatures”**

It is for your kind perusal

Yours faithfully,


Signature of the PI

Prof. T. Savitha Jyostna
Principal Investigator RUSA 2.0
Department of Chemistry
Kakatiya University, Wgl, T.G.

S.No.	Title of the book	Name of the author(s)	Name of the Publisher	Name of the Edition
1	Electrochemical Power Sources: Batteries, Fuel Cells, and Supercapacitors	Vladimir S. Bagotsky, Alexander M. Skundin, and Yurij M. Volfkovich.	Wiley-Blackwell	1st Edition
2	Environmental Catalysis (Catalytic Science Series)	F. J. J. G. Janssen and Rutger A. van Santen	Imperial College Press (later World Scientific Publishing)	1st Edition
3	Lasers in chemistry and biological sciences	S. Chopra	New Age International Publishers (previously Wiley Eastern)	1st Edition
4	Principles and Applications of photochemistry	Richard P. Wayne	Oxford University Press	2nd Edition
5	Engineering Chemistry by Jain and Jain	Dr. P.C. Jain and Dr. Shailesh K. Jain	Dhanpat Rai Publishing Company	17th Edition
6	Nuclear and Radiochemistry	Gerhart Friedlander, Joseph W. Kennedy	John Wiley & Sons (Wiley)	3rd Edition (Published August 10, 1981)
7	Computational Chemistry: A Practical Guide for Applying Techniques to Real World Problems	David Young	Wiley-Interscience (a John Wiley & Sons, Inc. imprint)	1st Edition
8	Photocatalysis: Principles and Applications	Rakshit Ameta and Suresh C. Ameta	Taylor & Francis	4th Edition (2024).
9	Laser Chemistry: Spectroscopy, Dynamics and Applications	Helmut H. Telle, Angel González Ureña, and Robert J. Donovan	John Wiley & Sons Inc. (Wiley)	1st Edition


Prof. T. Savitha Jyostna
 Principal Investigator RUSA 2.0
 Department of Chemistry
 Kakatiya University, Wgl, T.G.

10	NMR in chemistry: A Multinuclear Introduction	William Kemp	Palgrave Macmillan	1st Edition (original publication in 1986/1988)
11	Density Functional Theory: A Practical Introduction	David S. Sholl and Janice A. Steckel	John Wiley & Sons Inc. (Wiley)	2nd Edition (Published January 25, 2023)
12	Practical Physical Chemistry	Alexander Findlay	Longmans, Green	8 th Edition
13	Experiments for Introductory Chemistry	V. M. Khanna, K. V. Sane, and C. K. Seth.	published as part of a project coordinated by IUPAC	1 st Edition
14	The textbook "Engineering Chemistry"	Shashi Chawla	Dhanpat Rai Publishing Company (P) Ltd., New Delhi	5 th Edition
15	Advanced Physical Chemistry	Prof. Gurdeep Raj	Krishna Prakashan Media (P) Ltd. / Goel Publishing House	39th edition
16	Nanochemistry: A Chemical Approach to Nanomaterials	Geoffrey A. Ozin and André C. Arsenault	Royal Society of Chemistry	1st Edition
17	Materials Science and Engineering: An Introduction	William D. Callister Jr., David G. Rethwisch	Wiley	10th edition
18	Thermophysical properties of chemicals and Hydrocarbons	Carl L. Yaws	William Andrew (an imprint of Elsevier) / Gulf Professional Publishing	2nd Edition (publication date June 2014)
19	Spectroscopy	William Kemp	Palgrave Macmillan	3rd Edition

is the

Prof. T. Savitha Jyostna
 Principal Investigator RUSA 2.0
 Department of Chemistry
 Kakatiya University, Wgl, T.G.



Dr. N. Ramana
Principal Investigator

Email:ramanauce.ku@gmail.com

Date: 1-12-25

To
The Nodal Officer
RUSA 2.0.
Kakatiya University Warangal

Sub: Procurement of Books – Project Titled: **Intelligent Doctor Assistant For Effective Diganosis using Machine Learning –Reg.**

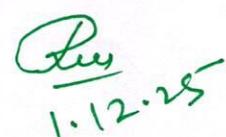
Sir,

With the reference to the subject cited, I am herewith furnishing the details of Books for Project: **Intelligent Doctor Assisitant For Effective Dignosis using Machine learning**

This is for your information and necessary action.

Thanking you

Yours Sincerely


1.12.25

An Intelligent Doctor Assistant for effective diagnosis using Machine learning
RUSA 2.0 DEPT OF CSE KU

S.No	Title of the Book	Authors	Publisher	Edition
1	AI in Healthcare : Innovation , Ethics, and Impact	Mr. Mohammed Liaqat,Ali Khan, Dr. Taniya Wadhwa (PT), Dr. Shaikh Abdul Azeem	Red Shine Publications	2025 Edition
2	Hands-On Machine Learning with Scikit-Learn, Keras & TensorFlow	Aurélien Géron	O'Reilly Media	2022 Edition
3	Deep Learning	Ian Goodfellow, Yoshua Bengio, Aaron Courville	MIT Press	2016 Edition
4	Practical Real-Time Data Analysis	Shilpi Saxena	Packt	2017 Edition
5	Python for Data Analysis	Wes McKinney	VAPS Knowledge	2022 Edition
6	AI and Machine Learning for Coders	Laurence Moroney	O'Reilly Media	2020 Edition
7	Natural Language Processing with Python	Steven Bird, Ewan Klein, Edward Loper	O'Reilly Media	2009 Edition
8	Biomedical Informatics	Edward Shortliffe, James Cimino	Springer	2013 Edition
9	Fluent Python	Luciano Ramalho	O'Reilly Media	2022 Edition
10	Pattern Recognition and Machine Learning	Christopher M. Bishop	Springer	
11	Artificial Intelligence: A Modern Approach	Stuart Russell & Peter Norvig	Pearson	2022 Edition

1.12.25



**RESEARCH PROJECT UNDER RUSA 2.0
ON
MARKOV MODELS IN RELIABILITY – PERFORMANCE STUDY**



**Dr.M.TIRUMALA DEVI
Principal Investigator**

No. 18 / M/UC/R&I/KU/2025

Date: 28-11-2025

To
The Chairman,
Purchase Committee of Books,
RUSA 2.0,
Kakatiya University, Warangal.

Sub: RUSA 2.0 – Requisition for purchase of books for the Research Project
- Reg.

Sir / Madam,

With reference to subject, I request you for purchase of the following books for the Research Project on "**MARKOV MODELS IN RELIABILITY – PERFORMANCE STUDY**". The requirement is as stated below:

S.No	NAME OF THE BOOK	AUTHOR(S)	EDITION	PUBLISHERS	QUANTITY
1	Hidden Markov Models Estimation and Control	Robert J Elliott, Lakhda Aggoun, John B Moore	3 rd printing 2008 Edition	Springer	01
2	Hidden Markov Models Theory and Implementation using MATLAB	Joao Paulo Coelho, Taliana M Pinho, Jose Boaventura-Cunha	1st	CRC Press	01
3	Gaussian Markov Random Fields Theory and Applications	Havard Rue, Leonard Held	2 nd	Chapman & Hall/CRC	01
4	Fuzzy Logic with Engineering Applications	Timothy J Ross	3 rd	Wiley	01
5	Fuzzy Sets and Fuzzy Logic Theory and Applications	George J Klir	1 st	Prentice Hall	01
6	Theory of Markov Processes	E B Dynkin		Dover Publications, Springer	01
7	Non-negative Matrices and Markov Chains	E Seneta	2 nd	Springer	01
8	On the use of Stochastic Processes in Modeling Reliability Problems	Alessandro Birolini	1 st (Reprint 2012)	Springer	01

I request you to initiate the above at the earliest.

Thanking you,


(Dr.M.TIRUMALA DEVI)
Principal Investigator
Dr. M. TIRUMALA DEVI
RUSA 2.0
Principal Investigator
RUSA 2.0, Research Project
Department of Mathematics
Kakatiya University, Warangal.



RASHTRIYA UCHCHATAR SHIKSHA ABHIYAN (RUSA 2.0)
DEPARTMENT OF CHEMISTRY
KAKATIYA UNIVERSITY
WARANGAL – 506009



Prof. G.HANMANTHU
Principal Investigator

E-mail: hanmanthu.guguloth@yahoo.com
Cell: 9849395880

No. 246/CHEM/UC/KU/WGL

Date:- 03-12-2025

To,
The Chairman RUSA2.0,
Kakatiya University, Warangal.

Sub: Submission of list of Books under RUSA. 2.0 Req -Reg..

Sir,

With reference to the subject cited above I am here with submitting the list of books for the purchase under RUSA.2.0 research project entitled "**DESIGN AND GREEN SYNTHESIS OF NOVEL COUMARIN DERIVATIVES AND THEIR STUDIES ON ANTICANCER ANTI TUMOUR ACTIVITIES**"

It is for your kind personal

Yours faithfully,

Prof. G. Hanmanthu
Principal Investigator
RUSA 2.0 Research Project,
(With Seal)
Department of Chemistry
Kakatiya University, Warangal-506 009 (T.G)

Prof. G.HANMANTHU
Principal Investigator

Department of Chemistry

S.No	TITLE OF THE BOOK	AUTHOR	PUBLISHER	EDITION
1	Green Chemistry Research and Connections to climate change.(green chemical processing)	Mark anthany Benveuto and libsy wetch	De Gruyter	Volume 10
2	sustainable solvents:prospectivefrom research	James H clark,Andrew Huntetal	Royal Society of Chemistry	1st Edition
3	Green Chemistry research Trends	Jeffrey T.pearson	nova science	Forteenth Edition
4	Ionic Liquids Deep Eutectic solvents,Crown Ethers,Fluroniated Solvents,Glycols and Glycerol	Chanda Mukhopadhyay and Bubun Banerjee	hardcover	New Edition 2003
5	Green Chemistry Approach: Microwave-Assisted Organic Synthesis	B.P Nandeshwarappa	Labert academic publishing	paper back
6	Strategies for Green Organic Synthesis	V.K Ahulwalia	CRS PRESS	1st edition
7	Intermediates for Organic Synthesis	V.K Ahulwalia Pooja Bhagat	paper Back	kindle
8	Solvent free Synthesis Bio Active Heterocycles	Sreekantha B.Jonnalgadda and babun banarjee	De Gruyter	New Edition
9	Reactive Intermediates in Organic Chemistry: Structure, Mechanism, and Reactions 1st Edition, Kindle Edition	MAYA SHANKAR SINGH	wileyvch	1st edition

Prof. G.HANMANTHU
Principal Investigator

10	Advanced Organic Chemistry by Jerry March Goodreads	JERRY MARCH	GOOD READS	4th EDITION
11	Advances in Heterocyclic Chemistry	Editors: Eric F. V. Scriven, Christopher A. Ramsden	ACADEMIC PRESS	1ST EDITION VOLUME 148
12	Organic Chemistry Hardcover – Import, 5 June 2022	william Brown, Eric Anslyn,Christopher Foote	CENGAGE	9Th EDITION
13	Introduction to Strategies for Organic Synthesis 2nd Edition, Kindle Edition	by Laurie S. Starkey	Wiley	2nd Edition
14	Spectroscopy of Organic Compounds Based on CSIR-NET And Gate Pattern Paperback – 16 October 2024	ps Kalsi	New Age International	10th Edition
15	Organic Chemistry - "Reagents" Oxidising and Reducing Agents : "A peek into the world of Reagents with connecting prospective" Paperback – 10 March 2023	Dr kummari Srinivas	paper back	10th march 2023
16	Name Reactions and Reagents in Organic Synthesis Hardcover – 20 May 2005	Bradford P. Mundy (Author), Michael G. Ellerd (Author), Frank G. Favaloro Jr. (Author)	A JOHN WILEY & SONS, INC., PUBLICATION	Second Edition
17	Advanced General Organic Chemistry: A Modern Approach: Volume I,II Paperback	Samir Kumar Ghosh (Author)	NCBA	3rd Edition
18	Advances in Chemistry Research	by James C Taylor	Nova	Volume 37

Prof. G.HANMANTHU

Principal Investigator

19	Natural Products Chemistry III	by T.I. Atta-ur-Rahman (Editor), Philip W. Le Quesne (Editor)	springer verlag	New Edition
20	Carbohydrate Chemistry: Proven Synthetic Methods, Volume 4	by Christian Vogel (Editor), Paul Murphy (Editor)	paper back	1st Edition
21	Analytical Chemistry Spectroscopy and Chromatography	Dr Ramesh Sawant (Author), Mrs Manisha Sawant (Author), Mrs Jyoti Patare (Author)	pharma career	1st Edition

Signature
Prof. G.HANMANTHU
Principal Investigator
RiUSA 2.0 Research Project
Department of Chemistry
Kakatiya University, Warangal-506 009, India



**RASHTRIYA UCHCHATAR SHIKSHA ABHIYAN (RUSA 2.0)
KAKATIYA UNIVERSITY
WARANGAL - 506009**

**PROF. J.KRISHNAVENI
Pharmacy Individual Project
Department of Pharmacy**

No. 69 /PH/RUSA/R&I/KU/2025

Date: 03/12/2025

To
The Chairman
Committee for Purchase of Books
under RUSA 2.0

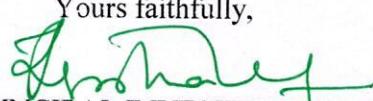
Sub: Pharmacy – UCPSc, KU, Warangal –RUSA 2.0 – Request for purchase of Books
under Component 10: Research & Innovation - Reg.

-*-

Sir,

With reference to the subject cited, I request you to purchase of Books under Component 10 of RUSA 2.0. The books details are annexure hereunder.

Thanking you Sir ,

Yours faithfully,

PRINCIPAL INVESTIGATOR
Principal Investigator
Prof. J. KRISHNAVENI
Department of Pharmacy
RUSA 2.0, KU, Warangal.

Project title: Development of nano carrier drug delivery system for brain targeting via intranasal route of administration for the treatment of neurodegenerative disorders.

S.no	Title of the book	Author	Edition	Publisher
1.	Introduction to Nanoscience and Nanotechnology	K.K Chattopadhyay A.N. Banerjee	Latest Edition	PHI pvt ltd
2.	Nano medicine based targeted drug delivery	Prof. Ajeeth Singh sakshi sagar Dr. Dilpreet Singh	Latest edition	Notion Press Media Pvt Ltd
3.	Nasal drug delivery: formulations, developments, challenges, and solutions	K.L.Mittal and Thomas	Latest edition	Springer
4.	Recent advances in targeted Nano carrier Based Drug Delivery	Dr.Dilpreet Sing, Mr.Karan razdan Dr.Prashant tiwari Mr.Kuldeep singh	Latest edition	Orange book
5.	Nasal Drug Delivery: Formulations, Developments, Challenges, and Solutions	Yaswanth V.Pathak Hemanth K.S. Yadav	Second edition	Springer nature
6.	Nano medicine for neurodegenerative disorders selective treatment strategies	Rishaba malviya Kamala pathak swati verma	Latest edition	Apple academic press
7.	Neurodegenerative Disorders: From Pathogenesis to Clinical Approaches	Mohit Agrawal Manmohan singhal Amit kumar Nayak Shailendra Bhatt Kamal shah	Latest edition	Nova science publishers
8.	Neurodegenerative diseases and the brain	Isabella white	Latest edition	Independently published
9.	Diagnosis and management of neurological disorders	U.K Misra J.Kalita	Latest edition	Wolter, kluwer
10.	Chitosan-Based Drug Delivery System	Nihar Ranjan kar	Latest edition	Springer cham



RASHTRIYA UCHCHATAR SHIKSHA ABHIYAN (RUSA 2.0)
DEPARTMENT OF CHEMISTRY
KAKATIYA UNIVERSITY
WARANGAL - 506009

Dr. K. MAMATHA
Principal Investigator

E-mail: mamatakasula@gmail.com
Cell: 8499835700

No. 260 /CHEM/UC/KU/WGL

Date:- 5/12/2025

To,
The Chairman RUSA2.0,
Kakatiya University, Warangal.

Sub: Submission of list of Books under RUSA. 2.0 Req -Reg..

Sir,

With reference to the subject cited above I am here with submitting the list of books for the purchase under RUSA.2.0 research project entititled **“DESIGN, SYNTHESIS AND INSILICO / INVITRO STUDIES OF TRYPTANTHRINDERIVATIVES AS POTENT ANTICANCER AGENTS AND IDO1 INHIBITORS”**

It is for your kind perusal

Yours faithfully,


Signature of the PI

(With Seal)

Dr. K. Mamatha
Principal Investigator RUSA 2.0
Department of Chemistry
Kakatiya University, Wgl, T.G.

Dr. K. Mamatha
 Principal Investigator RUSA 2.0
 Department of Chemistry
 Kakatiya University, Wgl, T.G.

S.No.	Title of Book	Author(s)	Publisher	Edition
1	Exploring Chemistry with Electronic Structure Methods	James B. Foresman , Aeleen Frisch	Gaussian	3rd edition
2	Computational Studies from Molecules to Materials	Ambriish kumar srivastava Neeraj misra	CRC Press	1st edition
3	DFT Based Studies on Bioactive Molecules	Ambriish kumar srivastava Neeraj misra	Bentham books	1st edition
4	Concise Coordination Chemistry	R. Gopalan, V.Ramalingam	S Chand	First Edition
5	Bioinorganic Chemistry	K Hussain Reddy	New Age International Private Limited	2th edition

6	INORGANIC CHEMISTRY	Keith F.Purcell ,John C.Kotz	Cengage	
7	Basic Organometallic Chemistry: Concepts, Syntheses and Applications	B.D. Gupta , Anil J. Elias	Universities Press	First Edition
8	Inorganic Chemistry	Prof Catherine Housecroft, Alan G. Sharpe	Prentice Hall	4th edition
9	Chemistry of the Elements	Greenwood	Elsevier India	2 nd edition
10	Simple Approach To Group Theory In Chemistry	Swarnalakshmi	Universities Press	1st edition
11	Fundamentals of Molecular Spectroscopy	Banwell	McGraw Hill Education	4th edition

12	Advanced Organic Chemistry: Reactions, Mechanisms and Structure	Jerry March	Wiley	4 th edition
13	Advanced Organic Chemistry: Part B Reactions And Synthesis	Francis A. Carey, Richard J. Sundberg	Springer Np Exclusive(Cbs)	5 th Edition
14	Concise Inorganic Chemistry	J.D. Lee is a widely	Oxford University Press	5th edition
15	Reaction Mechanism in Organic Chemistry	S. M.Mukherjee and S. P. Singh	Trinity Press	Revised edition (14 August 2025)
16	GUIDEBOOK TO MECHANISM IN ORGANIC CHEMISTRY	Peter Sykes	Pearson Education	6 th Edition
17	Organic Reaction Mechanisms	V.K. Ahluwalia & Rakesh K. Parashar	Narosa Publishing House	5 th edition

18	A Textbook of Physical Chemistry - Quantum Chemistry and Molecular Spectroscopy	K L Kapoor	McGraw Hill Education	6th Edition
19	Quantum Chemistry	Donald A. McQuarrie	Viva	
20	Organic Chemistry	Jonathan Clayden, Nick Greeves, and Stuart Warren	Oxford University Press	2 nd edition
21	Stereochemistry of Organic Compounds	Ernest L. Eliel	Tata McGraw Hill's New Delhi	
22	ADVANCED ORGANIC CHEMISTRY: PART A STRUCTURE AND MECHANICSMS	Francis A. Carey, Richard J. Sundberg	SPRINGER NP EXCLUSIVE(CBS)	5 th Edition
23	Principles of Organic Synthesis	James M. Coxon, Richard O.C. Norman	Taylor & Francis (CRC)	3 rd edition

24	Modern Methods Of Organic Synthesis	William Carruthers; Lain Coldham	Cambridge University Press	4 th Edition
25	Pericyclic Reactions - Reactions, Applications and Theory A Textboo	S Sankararaman	Wiley-VCH Verlag GmbH	1 st edition
26	Molecular Reactions and Photochemistry (Foundations of Modern Organic Chemistry)	Charles Herbert DePuy, Dennis Chapman	Prentice Hall	
27	Photochemistry and Pericyclic Reactions	Jagdamba Singh	New Age International Publishers	4 th edition
28	ORGANIC SYNTHESIS	Michael Smith	Academic Press Inc	4th edition
29	Stereochemistry: Conformation and Mechanism	P.S. Kalsi	New Age International Private Limited	11 th edition
30	Stereochemistry of Organic Compounds: Principles and Applications	Dr. D Nasipuri	New Age International Pvt Ltd	5 th edition

31	Organic Spectroscopy	William Kemp	MACMILLAN	3 rd edition
32	Physical Methods For Chemists	Russell S. Drago	Affiliated East West Press Pvt. Ltd.	2 nd edition
33	Introduction to Spectroscopy	Donald L. Pavia	Cengage India Private Limited	5 th edition
34	Organic Spectroscopy: Principles and Applications	Jag Mohan	Narosa	2 nd edition
35	Applications of NMR Spectroscopy	Atta-ur-Rahman, M. Iqbal Choudhary	Bentham Science Publishers	Vol-3
36	Selected Topics in Inorganic Chemistry Paperback – 1	Dr. Wahid.U. Malik, Dr. G.D.Tuli, Dr. R.D. Madan	S. Chand	Revised edition
37	Heterocyclic Chemistry	Raj K. Bansal	NEW AGE International Pvt Ltd	7 th edition
38	Organometallic & Bioinorganic Chemistry	Ajay kumar		

39	Advanced Inorganic Chemistry	Satya Prakash, G D Tuli, S K Basu, R D Madan	S Chand And Company Ltd	Volume-1
40	Advanced Inorganic Chemistry	Satya Prakash, G D Tuli, S K Basu, R D Madan	S Chand And Company Ltd	Volume-2
41	Inorganic Chemistry: Principles of Structure and Reactivity	Huheey, Ellen A. Keiter, Richard L. Keiter. D cm	Pearson Education India	4 th Edition
42	Inorganic Chemistry	Gary L. Miessler (Author), Paul J. Fischer (Author), Donald A. Tarr	Pearson Education	5 th edition
43	Shriver and Atkins' Inorganic Chemistry	D.F. Shriver (Author), P.W. Atkins (Author), Haroldold Cooper Langford	W H Freeman & Co (Sd)	5 th edition


Signature of the PI

(With Seal)

Dr. K. Mamatha

Principal Investigator RUSA 2.0

Department of Chemistry
Kakatiya University, Wgl, T.G.



RASHTRIYA UCHCHATAR SHIKSHA ABHIYAN (RUSA 2.0)
DEPARTMENT OF CHEMISTRY
KAKATIYA UNIVERSITY



WARANGAL – 506009

Prof. S. JYOTHI

Principal Investigator Department of Chemistry

Mail: jyothisri97@yahoo.co.in

Cell: 9866043700

No. 249 /CHEM/UC/KU/WGL

Date: 5/12/2025

To,
The Chairman RUSA2.0,
Kakatiya University, Warangal.

Sub: Submission of list of books under RUSA 2.0 Req-Reg..

Sir,

With reference to the subject cited above, I am here to submitting the list of books for the purchase under **RUSA 2.0** research project entitled "*Improving the Medicinal Properties of 1,2,4- Triazole and Bis- Isatin Drugs via Metal Complexation: Investigations Based on Rational Design, Synthesis and Structure-Activity Studies*"

It is for your kind perusal

Yours faithfully


Prof. S. Jyothi
Signature of the PI
Principal Investigator RUSA 2.0
Department of Chemistry
Kakatiya University, Wgl, T.G.

Prof. S. JYOTHI

Principal Investigator Department of Chemistry

S.no	Title of the book	Name of the author(s)	Name of the publisher	Name of the edition
1	Organometallic chemistry	R. C. MEHROTRA, A. SINGH	New Age International Publishers	Second revised Edition
2	Symmetry and spectroscopy	KADARI VEERA REDDY	New Age International Publishers	New Edition
3	Essential inorganic chemistry	DR. RAJESH KUMAR MALIK DR. NEELAM KUMARI MR. PREMENDHER SINGH SABHARWAL	Anu books	4th Edition- vol-1
4	Essential inorganic chemistry	DR. RAJESH KUMAR MALIK, DR. NEELAM KUMARI, MR. PREMENDHER SINGH, SABHARWAL	Anu books	4th Edition- vol-2
5	Modern methods of Organic synthesis	W. CARRUTHERS	Cambridge	4th Edition
6	Organic chemistry	JONATHAN CLAYDEN	Oxford University Press	2 nd Edition
7	Bioinorganic chemistry	K. HUSSAIN REDDY	New Age International Publishers	New Edition
8	Principles of physical chemistry -- latest	PURI, SHARMA, PATHANIA	Vishal publications	50th Edition-2025
9	X-ray diffraction: in crystals, imperfect crystals, and amorphous bodies. Dover Books on Physics	A. GUINIER	Dover publications	New Edition

10	Inorganic chemistry	SHRIVER AND ATKINS'	W. H. Freeman and Company	5th Edition
11	Housecroft inorganic chemistry	CATHERINE HOUSECROFT, ALAN SHARPE	Pearson India	3 rd Edition
12	Modern methods of Organic synthesis	GEORGE S. ZWEIFIL, MICHAEL H. NANTZ	W. H. Freeman and Company	2 nd Edition
13	Modern methods of Organic synthesis solution manual	GEORGE S. ZWEIFIL, MICHAEL H. NANTZ	W. H. Freeman and Company	2 nd Edition
14	Inorganic chemistry: solutions manual	CATHERINE E HOUSECROFT, ALAN SHARPE	Pearson india	3 rd Edition
15	Inorganic chemistry	GARY L. MIESLER, DONALD A. TARR	Pearson India	5 th Edition
16	Inorganic chemistry solution manual	GARY L. MIESLER, DONALD A. TARR	Pearson India	5 th /3 rd Edition
17	Spectroscopy of organic compounds	P.S KALSI	New Age International Publishers	10th Edition
18	Organic spectroscopy	WILLIAM KEMP	Palgrave	3 rd Edition
19	Introduction to spectroscopy	DONALD L. PAVIA GARY M. LAMPMAN GEORGE S. KRIZ	Pavia Lampman Kriz	3 rd Edition
20	Organic spectroscopy principles & applications	JAGMOHAN	Narosa Publishing House (publisher)	2 nd Edition
21	Basic organometallic chemistry	ANIL ELLAS, GUPTA B.D.	Universities press	2 nd Edition

22	Bioinorganic chemistry	IVANO BERTINI, HARRY B. GRAY, STEPHEN J. LIPPARD, JOAN SELVERSTONE VALENTINE U.KUMAR	University science books, Mill Valley, California Agrobios (India)	New Edition 1st Edition
23	A handbook of nanotechnology			
24	Analytical chemistry: principles	JOHN H.KENNEDY	Gengare	India Edition
25	Spectroscopy	H KAUR	A Pragati edition	17 th Edition
26	Elementary organic spectroscopy	Y R SHARMA	S.Chand	5 th Edition
27	Engineering chemistry	P.C. JAIN, TRISHILA JAIN, JYOTIKA JAIN	Dhanpat Rai Publishing Company	17 th Edition
28	Nuclear magnetic resonance: basic principles	ATTA-UR-RAHMAN	Springer (sie)	2nd Edition
29	Solving Problems with NMR Spectroscopy	ATTA-UR RAHMAN, MUHAMMAD IQBAL CHAUDHARY , ATIA-TUL- WAHAB, - G.H. JEFFERY, J. BASSETT, J. MENTHAM AND R.C. DENNEY,	Academic Press	2nd Edition
30	Vogel's text book of quantitative chemical analysis		Pearson Edn. Ltd.	6 th Edition
31	Molecular reactions and photochemistry	DEPUY, CHARLES H	Englewood Cliffs, N.J., Prentice-Hall	New Edition
32	Supramolecular Chemistry – concepts and perspectives	JEAN-MARIE LEHN	Manjul Publication	First Edition
33	Nanochemistry	KENNETH J. KLABUNDE , GLEB B. SERGEEV	Elsevier Science Ltd	2 nd Edition

34	Nanochemistry: A chemical approach to nanomaterials	- G.A. OZIN AND A.C. ARSENAULT, Royal Society of Chemistry	2 nd Edition
35	Instrumental methods of chemical analysis-	G. R. Chatwal & S. K. Anand Hph	New Edition

Prof. S. JYOTHI

Principal Investigator Department of Chemistry

JYOTHI

Signature of the PI

Prof. S. Jyothi
 (With S. Jyothi)
 Principal Investigator RUSA 2.0
 Department of Chemistry
 Jyotiya University, Wgli, T.G.



RASHTRIYA UCHCHATAR SHIKSHA ABHIYAN (RUSA 2.0)
KAKATIYA UNIVERSITY
WARANGAL - 506009



Prof.G.Shamitha
Principal Investigator
RUSA 2.0 –Research, Innovation &
Quality management

Department of Zoology
Kakatiya University,
Warangal-506 009.T.G
Email:vodithalashamitha@gmail.com

No.61/RUSA/R&I/KU/2025

Date: 28/11/2025

To

THE NODAL OFFICER,

RUSA. 2.0,

Kakatiya University

//Through Proper Channel//

Ref: Lr. No.126, 38/RUSA/R&I/KU/2025, dated, 22/1/2025

Sub : Request for purchase of Books under RUSA 2.0.

Sir,

With reference to the subject cited above , we have been sanctioned a research project entitled “Studies on DNA and RNA components of nuclear matrix in *Antheraea mylitta*” , under RUSA 2.0., Kakatiya University .

In order to implement this research project, it is necessary to procure the books as per the approved budget.

Kindly consider the enclosed list of Books under the above RUSA Project

Thanking you

Yours Sincerely

List of Books:

S.No	Book Title	Author
1.	Genetics	Monroe W Strickberger
2.	Genetics	Peter J Russell
3.	Genetics	P.K.Gupta
4.	GENES VIII	Lewin
5.	Human Molecular Genetics	Tom Strachan and Andrew Rea
6.	Principles of Genetics	Tamarin
7.	Evolution	Monroe W Strickberger
8.	Evolution	Dobzhansky, Ayala, Stebbins , Valentine
9.	Animal Physiology	Samson & Writy
10.	Animal Physiology	Nelson & Nelson
11.	Animal Physiology	Guiton
12.	Animal Physiology	Nagabushen
13.	Animal Physiology	Guize
14.	Animal Physiology	A.K. Berry.
15.	Biochemistry	Lehninger
16.	Biochemistry	Donald Voet and Judith Voet.
17.	Biochemistry	Harper.
18.	Biochemistry	Jeremy M.berg, JohnL. Tymovzko,Lubert Stryer
19.	Biochemistry	U. Satyanarayana and U Chakrapani
20.	Molecular Biology	Lodish et al
21.	Molecular Biology	Albert et al
22.	Developmental Biology	S.F. Gilbert
23.	Developmental Biology	Berrl,N.J. and Karp
24.	Embryology an Introduction to developmental Biology	Stanley Shostak
25.	Introduction to embryology	Balinsky B.I.
26.	Animal Development	Mutthukaruppan and Pitchappan.
27.	Chick Development stages	Hamburger V and Hamilton HL.

Prof. G.Shamitha
Principal Investigator,
RUSA 2.0 Research Project,
Department of Zoology,
Kakatiya University, Warangal-506009 TG



RASHTRIYA UCHCHATAR SHIKSHA ABHIYAN (RUSA 2.0)
KAKATIYA UNIVERSITY
WARANGAL - 506009



Prof. J. Krishnaveni
Director
Centre For Nano Drug Delivery System
Research Project, RUSA 2.0

No. 69/CNDDDS/ RUSA/R&I/KU/2025

Date: 03 -12 -2025

To,
The Chairman
Committee for purchase of Books, RUSA 2.0,
Kakatiya University,
Warangal.

Sub: Submission of list of Text Books and Reference books under RUSA 2.0 project

Sir,

With reference to the subject cited, I am herewith submitting the list of Textbooks along with Reference books, as finalized by our team, for procurement under the sanctioned research project titled **“Development of Functionalized Nanocarrier for Tumour targeting of Chemotherapeutic drugs- an *in-vitro* and *in-vivo* evaluation”**

The enclosed documents contains

1. Title of Book, Author(s), Publisher and Edition

Thanking you

Yours Sincerely,

Director
Prof. J. KRISHNAVENI
Center for Nano Drug Delivery System
RUSA 2.0, KU Warangal.

Prof. J. Krishnaveni
 Director
 Centre For Nano Drug Delivery System
 Research Project, RUSA 2.0

CENTRE FOR NANO DRUG DELIVERY SYSTEM

S.No	Title of the Book	Author(s)	Edition	Publisher	Quantity
1	Polymeric Nano particles for drug delivery	Vijay Kumar Thakur K.S Joshy	latest	Springer	1
2	Polymeric Nanomaterials in nanotherapeutics	Cornelia Vasile	latest	Elsevier	1
3	Polymeric Nanoparticles for the treatment of solid tumors	Santwana padhi Anindita Behara Eric Lichtfouse	latest	Springer	1
4	Polymeric Micelles for Drug Delivery	Prashant Kesharwani & Khaled Greish	latest	Wood head	1
6	Polymer Nanoparticles synthesis and Applications	Suguna Perumal	latest	mdpi	1
7	Polymeric miscelles, principles perspective and Practices	Sachikumar Singh	latest	Springer	1
8	Polymeric drug Systems and Drug delivery	Raphael M. Ottenbrite Sang Wan Kim	latest	CRC Press	1
9	Polymeric micelles for drug Delivery	X. Chen Prof. J. Krishnaveni Director Centre For Nano Drug Delivery System Research Project, RUSA 2.0 Prashant Kesharwani	latest	Springer	1
10	Polymeric Nanoparticles in a promising tool for Anti- Cancer therapeutics	Kishore M. Paknikar Virendra Gajbhiye	latest	AP Academic press Pharmacology	1
11	Polymers in drug delivery	Ijeoma F. Uchegbu Andreas G. Schatzlein	latest	CRC Press	1
12	Controlled Drug Delivery: Fundamentals and Applications	Joseph R. Robinson & Vincent H.L. Lee	latest	CRC Press	1
13	Nanotechnology for Cancer Therapy	Mansoor M. Amiji	latest	CRC Press (Taylor&Frances)	1
14	Nanostructures for Cancer Therapy	Alexandru Mihai Grumezescu, Ecaterina Andronescu	latest	Elsevier	1
15	Polymeric Drug Delivery Systems	Glen S. Kwon	latest	CRC Press	1
16	Engineering Polymer Systems for Improved Drug Delivery	Rebecca A. Bader, David A. Putnam	latest	Wiley	1
17	Nano particulate Drug	YOON YEO	latest	WILEY	1

Prof. J. Krishnaveni
Director
Centre For Nano Drug Delivery System
Research Project, RUSA 2.0

	Delivery Systems: Strategies, Technologies, and Applications				
18	Cancer Targeted Drug Delivery	You Han Bae, Randall J. Mrsny, Kinam Park	latest	Springer	1
19	Drug Delivery Nanoparticles: Formulation and Characterization	Yashwant Pathak, Deepak Thassu	latest	CRC Press	1
20	Nanomedicine in Cancer	Lajos P. Balogh	latest	Jenny Stanford	1
21	Stimuli Responsive Polymeric Nanocarriers for Drug Delivery Applications Types and Triggers	Abdel salam Hamdy Makhlouf, Nedal Y.Abu- Thabit	latest	Woodhead Publishing	1
22	Nanoparticles and nanocarriers based pharmaceutical formulations	Akhlesh K.Jain Keerti Mishra- Bentham books	latest	Bentham books	1
23	Hand book for anticancer pharmacokinetics and Pharmacodynamics	Michelle A.Rudek and cindy H.Chau	latest	Humana Press	1
24	Nano medicine for drug delivery and therapeutics	AjayKumar Mishra	latest	Wiley(Scriver ener publishing)	1
25	Pharmacological Screening methods and Toxicology	Avanapu Srinivasa Rao Namburi BhagyaLaxmi	latest	BSP books	1
26	Animal models in Research Principles and Practice	Harikrishnan Vijayakumar Sreelatha Satish Patel Perumal Nagarajan	latest	Springer nature Publisher	1
27	Di Fiores Atlas of Histology with functional correlations	Wolters kluwer India pvt.ltd	latest	Chief editor Prasanna lc Associate Editors Rimadada Sneha G. Kalthur Interniaional Editor Victor P.Eroschen	1

Prof. J. Krishnaveni
 Director
 Centre For Nano Drug Delivery System
 Research Project, RUSA 2.0

				ko	
28	Inderbir Singhs Textbook of Human Histology	Pushpalatha. K Deepa Bhat Jayanthi. V	Jaypee Brothers Medicals	latest	1
29	Animal Screening Basics of Drug discovery	Dr. S. K. Rajput Dr. A. K Sharma	Paging Publishers	latest	1
30	The Design and Statistical Analysis of Animal Experiments	Simon T. BATE Robin A. Clark	Cambridge university press	latest	1
31	Tumor Models in Cancer research	Beverly A. Teicher	Springer	latest	1
32	Tumor Targeting in Cancer Therapy	Humana Press	Springer Nature	latest	1
33	Cancer Targeting Therapies: Conventional and Advanced Pharmaceutical Approaches	Muhammad Yasir Ali Shazia Anwar Bukhari	CRC Press (Taylor & Francis)	latest	1
34	New Nanomaterials and Techniques for Tumor-targeted systems	Rongqin Huang Yiwang	Springer	latest	1
35	Block Co-polymeric Nanocarriers: Design, Concept and Therapeutic Applications	Neeraj Mishra Vikas Pandey	Springer Singapore	latest	1
36	Polymeric Nanocarriers in Cancer Treatment	Vijay Mishra Yachana Mishra	Nova Medicine and Health	latest	1
37	Polymeric Nanoparticles as a promising Tool for Anti-cancer Therapeutics	Prashant Kesharwani Kishore M. Paknikar Virendra Gajbhiye	Academic Press	latest	1
38	Nanoparticles ; Synthesis, Stabilization, Passivation and Functionalization	Ramanathan Nagarajan T. Alan Hatton	ACS Symposium	latest	1
39	Pegylated Nanocarriers in Medicine and Pharmacy	Rakesh Kumar Tekade Narendra Kumar Jain	Springer	latest	1
40	B M. Textbook of Forensic Pharmacy	Mithal	Latest edition	Vallabh Prakashan	1
41	A Textbook of forensic pharmacy	Jain, NK	Latest edition	Vallabh Prakashan	1
42	Pharmacotherapy: A	Joseph T. Dipiro et al.	Latest	McGraw-Hi	1

Prof. J. Krishnaveni
 Director
 Centre For Nano Drug Delivery System
 Research Project, RUSA 2.0

	Pathophysiologic approach	Appleton & Lange	edition	Il Medical	
43	Nano-Pharmacokinetics and Theranostics	Nanasaheb D. Thorat and Nitesh Kumar	Latest edition	Academic Press	1
44	Biopharmaceutics and Applied Pharmacokinetics	Leon Shargel	Latest edition	Prentice Hall publication.	1
45	Clinical Pharmacokinetics	Rowland and Tozer	Latest edition	Williams and Wilkins Publication	1
46	Handbook Of Forensic Medicine And Toxicology	V V Pillay	Latest edition	Paras Publication,	1
47	Pathology and therapeutics for Pharmacists: A Basis for Clinical Pharmacy Practice	Green and Harris	Latest edition	Chapman and Hall publication	1
48	Pharmacological experiments on isolated preparations	Macleod, L.J.	Latest edition	Churchill livingstone	1
49	Essentials of medical pharmacology.	Tripathi, K. D.	Latest edition	Jaypee,	1
50	Pharmacotherapy: A Pathophysiologic approach	Joseph T. Dipiro et al.	Latest edition	Appleton & Lange	1
51	Hand book of experimental pharmacology.	Kulkarni, S. K. and Dandia, P. C	Latest edition	Vallab,	1
52	Text book of Pathology	Harsh Mohan	Latest edition	Ansari road Darya ganj	1
53	Cancer as a Metabolic Disease: On the Origin, Management, and Prevention of Cancer	Thomas Seyfried	Latest edition	Wiley	1


 Director
Prof. J. KRISHNAVENI
 Center for Nano Drug Delivery System
 RUSA 2.0, KU Warangal.



Dr. N. Ramana

Director

Email: cepsrusa@gmail.com

Date: 1-12-25

To
The Nodal Officer
RUSA 2.0.
Kakatiya University Warangal

Sub: Procurement of Books – Centre on Cyber Physical Systems (Project Titled: TEST RIG OR TESTBID FACILITY TO STUDY OF IIOT AND OTHER PRODUCTS/SYSTEMS FOR CPS) –Reg.

Sir,

With the reference to the subject cited, I am herewith furnishing the details of Books for Centre on Cyber Physical Systems (Project titled: TEST RIG OR TESTBID FACILITY TO STUDY OF IIOT AND OTHER PRODUCTS/SYSTEMS FOR CPS).

This is for your information and necessary action.

Thanking you

Yours Sincerely

Ram
1.12.2025

Centre on Cyber Physical Systems**TEST RIG OR TESTBED FACILITY TO STUDY OF IIOT AND OTHER**

Sl.No.	Title of the Book	Authors	Publisher	Edition
1	5G and 6G Communication Technologies	Zoran Gacovski	Arcler Education Inc	—
2	6G Enabling Technologies: New Dimensions to Wireless Communication	Ramjee Prasad, Anand Raghawa Prasad, Albena, Nidhi	River Publishers	—
3	5G and Beyond Wireless Communication Networks	Haijian Sun, Rose Qingyang Hu, Yi Qian	Wiley-IEEE Press	—
4	From 5G to 6G: Technologies, Architecture, AI, and Security	Abdulrahman Yarali	Wiley	—
5	Orthogonal Time Frequency Space Modulation: OTFS – A Waveform for 6G	Ramjee Prasad, Suvra Sekhar Das	River Publishers	—
6	Wireless Communications: Principles & Practices	T. S. Rappaport	Pearson	2010 Edition
7	Wireless Communications	Andrea Goldsmith	Cambridge University Press	2005 Edition
8	Principles of Modern Wireless Communications Systems	A. K. Jagannatham	McGraw Hill Education	2015 Edition
9	Low-Power Digital VLSI Design: Circuits and Systems	Abdellatif Bellaouar, Mohamed I. Elmasry	Springer (Springer Science+Business Media, New York)	1st Edition, 1995
10	Exploring Zynq MPSoC: With PYNQ and Machine Learning Applications	Louise H. Crockett, David Northcote, Craig Ramsay, Fraser Robinson, Robert	Strathclyde Academic Media	1st Edition, 2019
11	Fundamentals of Digital Logic with Verilog Design	Stephen Brown, Zvonko Vranesic	McGraw-Hill Education	2020 Edition
12	Application of FPGA to Real Time Machine Learning: Hardware Reservoir Computers and Software Image Processing	Piotr Antonik	Springer International Publishing	1st Edition, 2018
13	The Zynq Book: Embedded Processing with the ARM Cortex A9 on the Xilinx Zynq-7000 All Programmable SoC	Louise H. Crockett, Ross A. Elliot, Martin A. Enderwitz, Robert W.	Strathclyde Academic Media	1st Edition, 2014
14	The Zynq Book Tutorials for Zybo and ZedBoard	Louise H. Crockett, Ross A. Elliot, Martin A. Enderwitz, David	Strathclyde Academic Media	1st Edition, 2015
15	Introduction to Digital Design Using Digilent FPGA Boards	Richard E. Haskell, Darrin M. Hanna	LBE Books	2009 Edition (Reprint 2019)
16	Machine Learning and Deep Learning Using FPGA	Dr. Joseph Anthony Prathap	Notion Press	1st Edition, 2024
17	Autonomous Robotics and Deep Learning	Vishnu Nath, Stephen E. Levinson	Springer Briefs in Computer Science	2014 Edition
18	Robot Perception and Learning: A Human-Aware Navigation and Long-Term Autonomy Perspective	Zhi Yan	Springer	2025 Edition
19	Robot Cognition and Navigation: An Experiment with Mobile Robots	Srikanta Patnaik	Springer	2007 Edition

Centre on Cyber Physical Systems

TEST RIG OR TESTBID FACILITY TO STUDY OF IIOT AND OTHER

20	Vision Based Autonomous Robot Navigation	Amitava Chatterjee, Anjan Rakshit, N. Nirmal	Springer	2013 Edition
21	Reconstruction and Analysis of 3D Scenes: From Irregularly Distributed 3D Points to Object Classes	Martin Weinmann	Springer Cham	2016 Edition
22	Introduction to Pointcloudmetry: Point Clouds from Laser Scanning and	Mathias Lemmens	Whittles Publishing	2023 Edition
23	3D Scanning for Advanced Manufacturing, Design, and Construction	Gary C. Confalone, John Smits, Thomas Kinnare	Wiley / John Wiley & Sons	1st Edition, 2023
24	Reconstruction and Analysis of 3D Scenes: From Irregularly Distributed 3D Points to Object Classes	Martin Weinmann	Springer	2016 Edition
25	LiDAR Remote Sensing and Applications	Pinliang Dong, Qi Chen		2017 Edition
26	Towards Optimal Point Cloud Processing for 3D Reconstruction	Guoxiang Zhang, YangQuan Chen	Springer Softcover	2022 Edition
27	Internet of Things for Indoor Air Quality Monitoring	Jagriti Saini, Maitreyee Dutta, Gonçalo Marques	Springer Cham (Springer Nature)	2021 Edition
28	Handbook of Indoor Air Quality	Yinping Zhang, Philip K. Hopke, Corinne Mandin (Editors)	Springer Singapore (Springer Nature)	2022 Edition
29	Generative Intelligence in Healthcare Transforming Patient Care with AI Creativity	Sakshi Gupta, Umesh Gupta, Moolchand Sharma, Kamal Malik	CRC Press	2025 Edition
30	Generative Artificial Intelligence in Health and Medicine	Thomas Maddox, Dianne Babski, Peter Embí, Jackie Gerhart, Jennifer Goldsack, Ravi Parikh,	National Academies Press Washington, DC	2025 Edition
31	Generative AI in Clinical Practice	Campion Quinn	World Scientific	2025 Edition
32	A Physician's Guide to Transforming Medicine			
33	Artificial Intelligence in Healthcare: AI, Machine Learning, and Deep and Intelligent Medicine Simplified for	Dr Parag Suresh Mahajan	MedMantra, LLC	2025 Edition
34	Digital Health, AI and Generative AI in Healthcare: A Concise, Practical Guide for Clinicians	Terry Adirim	Springer	2025 Edition
35	LLMs and Generative AI for Healthcare: The Next Frontier	Kerrie Holley, Manish Mathur	O'Reilly Media	2025 Edition
36	AI Doctor: The Rise of Artificial Intelligence in Healthcare - A Guide for Users, Buyers, Builders, and Investors	Ronald M. Razmi	Wiley	2025 Edition
37	Mastering AI for Healthcare: Revolutionizing Patient Care and Outcomes Through Hands-on AI-Driven Solutions (English Edition) (Predictive Analytics Specialist — Industry Path)	Nilashis Roy, Romita Ghosh	Orange Education Pvt Ltd	2005 Edition
38	AI-First Healthcare: AI Applications in the Business and Clinical Management of	Kerrie L. Holley, Siupo Becker M. D.	O'Reilly Media	2025 Edition
39	Generative AI: Unlocking the Next Chapter in Healthcare	Rohit Mahajan, Ritu M. Uberoy	Productivity Press	2025 Edition
40	Speech and Language Processing	Daniel Jurafsky, James H. Martin	Pearson	2013 Edition
41	Fundamentals of Speech Recognition	Rabiner/Yegnaraayana	Pearson	2008 Edition

Centre on Cyber Physical Systems

TEST RIG OR TESTBID FACILITY TO STUDY OF IIOT AND OTHER

42	Phonetics and Speech Science	Ian R. A. MacKay	Cambridge University Press	2023Edition
43	Automatic Speech Recognition: A Deep Learning Approach	Dong Yu & Li Deng	Springer	2015Edition
44	Voice and Speech Recognition: From Fundamentals to Full Implementation	Dr. Riddhi Panchal Dr Gopal Sakarkar Dr.	Walnut Publication	2025 Edition
45	Elements of Acoustic Phonetics	Peter, Ladefoged	The University of Chicago Press	2024 Edition
46	Speech Acoustic Analysis	Philippe Martin	Wiley-ISTE	2020Edition
47	Natural Language Processing with Python	Steven Bird, Ewan Klein, Edward Loper	O'Reilly Media	2009 Edition
48	Hands-On Machine Learning with Scikit-Learn, Keras & TensorFlow	Aurélien Géron	O'Reilly Media	2022 Edition



RASHTRIYA UCHCHATAR SHIKSHA ABHIYAN – RUSA 2.0
Centre For Ethno-Medicinal Plants



Dr. P. SRINIVAS

Director

RUSA 2.0,

Department of Biotechnology

Prof. G. SHAMITHA

Joint Director,

RUSA 2.0,

Department of Zoology



Kakatiya University, Warangal-506 009. Telangana State, India

No.101/CEMP/KU/2025

Date: - 28-11-2025.

To

The Nodal Officer,
RUSA 2.0.
Kakatiya University
Warangal-506 009, TG.

//Through proper channel//

Sub:- Request for purchase of Books under RUSA 2.0 Project.

* * *

Sir,

With reference to the subject cited above, we have been sanctioned a research project entitled *“Documentation, DNA Barcoding and Isolation of Active Principles of Ethnomedicinal Plants in Telangana Region”* under RUSA 2.0 – Component 10: Research, Innovation & Quality Improvement, Kakatiya University.

In order to implement this research project, it is necessary to procure the following books as per the approved budget and sanction:

1. Natural Products Isolation

Authors: Satyajit D. Sarker, Lutfun Nahar

Publisher: Humana Press (Springer)

2. Phytochemical Methods: A Guide to Modern Techniques of Plant Analysis

Author: J. B. Harborne

Publisher: Springer

3. Pharmacognosy: Phytochemistry, Medicinal Plants

Author: Jean Bruneton

Publisher: Lavoisier Publishing

4. Essentials of Botanical Extraction: Principles and Applications

Author: M. Mukhopadhyay

Publisher: CRC Press (Taylor & Francis)

5. **Natural Products: A Laboratory Guide**

Author: Raphael Ikan

Publisher: Academic Press

Dr. P. SRINIVAS

Director

RUSA 2.0,

Department of Biotechnology

6. **Plant Drug Analysis: A Thin Layer Chromatography Atlas**

Authors: Hans Wagner, Sabine Bladt

Publisher: Springer

7. **Extraction Technologies for Medicinal and Aromatic Plants**

Publisher: United Nations Industrial Development Organization (UNIDO)

Authors: H. Nakamura et al. (UNIDO Expert Group)

8. **Techniques for Extraction of Medicinal & Aromatic Plants**

Authors: Narendra Singh et al.

Publisher: Central Institute of Medicinal and Aromatic Plants (CIMAP)

9. **Methods in Plant Biochemistry, Volume 1: Plant Phenolics**

Editors: P. M. Dey, J. B. Harborne

Publisher: Academic Press

10. **An Introduction to Extraction Techniques in Phytochemistry**

Author: Sukh Dev

Publisher: Harwood Academic Publishers

11. **Molecular Biology of the Cell** – Alberts

Publisher: Garland Science

12. **Molecular Cell Biology** – Lodish

Publisher: W.H. Freeman

13. **Molecular Biology of the Gene** – Watson

Publisher: Pearson

14. **Cell and Molecular Biology** – Gerald Karp

Publisher: Wiley

15. **Cell Biology** – De Robertis & De Robertis

Publisher: Elsevier

16. **Lehninger Principles of Biochemistry** – Nelson & Cox

Publisher: W.H. Freeman

17. **Biochemistry** – Voet & Voet

Publisher: Wiley

18. **Biochemistry** – Satyanarayana

Publisher: Elsevier

19. **Genetics: A Conceptual Approach** – Benjamin Pierce
Publisher: W.H. Freeman

20. **Principles of Genetics** – Snustad & Simmons
Publisher: Wiley

21. **Kuby Immunology** – Judith Owen, Jenni Punt, Sharon Stranford
Publisher: W.H. Freeman

22. **Essential Immunology** – Ivan Roitt
Publisher: Wiley-Blackwell

23. **Developmental Biology** – Scott F. Gilbert
Publisher: Sinauer Associates

24. **Principles of Development** – Lewis Wolpert
Publisher: Oxford University Press

25. **Animal Physiology: Adaptation and Environment** – Knut Schmidt-Nielsen
Publisher: Cambridge University Press

26. **Animal Physiology** – Sherwood
Publisher: Cengage

27. **Ecology: Concepts and Applications** – Molles
Publisher: McGraw-Hill

28. **Evolution** – Douglas Futuyma
Publisher: Sinauer Associates

29. **Principles of Gene Manipulation and Genomics** – Primrose & Twyman
Publisher: Wiley

30. **Biotechnology** – B. D. Singh
Publisher: Kalyani Publishers

31. **Prescott's Microbiology** – Willey, Sherwood, Woolverton
Publisher: McGraw-Hill

32. **Brock Biology of Microorganisms** – Madigan et al.
Publisher: Pearson

33. **Biostatistics** – Daniel
Publisher: Wiley

34. **Research Methodology** – C. R. Kothari
Publisher: New Age International

35. Brusca & Brusca — *Invertebrates* — Sinauer Associates

36. Hunter G.W. — *A Textbook of Zoology*

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37. Hoar & Hickman — *General and Comparative Anatomy*

38. E.J.W. Barrington — *Invertebrate Structure and Function*

39. Carols — *Invertebrate Zoology*

40. Paul Hin — *Introduction to Invertebrates*

41. Grierson A.J., Miller K. — *Practical Biotechnology*

42. Dubey R.C. — *A Textbook of Biotechnology*

43. Rastogi & Rastogi — *Textbook of Biotechnology*

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47. Schmidt-Nielsen — *Animal Physiology: Adaptation and Environment*

48. Hoar — *General and Comparative Physiology*

49. Eckert — *Animal Physiology*

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51. Hunter G.W. — *A Textbook of Zoology*

52. Gupta P.K. — *Cytology and Genetics*

53. Stickberger — *Genetics*

54. Brown T.A. — *Genetics: A Molecular Approach*

55. Watson et al. — *Molecular Biology of the Gene*

56. Dobzhansky — *Genetics and the Origin of Species*

57. Kettlewell — *Captured Evolution in Action*

58. N. Barker — *Evolution* — Oxford Press

59. Barrington E.J.W. — *Structural and Functional Organization of Vertebrates*

60. Hoar & Hickman — *General and Comparative Anatomy*

61. Townsend C., Begon M., Harper J. — *Essentials of Ecology* — Blackwell

62. Smith R.L. — *Elements of Ecology*

63. Freedman — *Environmental Ecology*

64. Groombridge B. — *Conservation Atlas of Tropical Forests*

65. Baroni Urbani — *Experimental Zoogeography of Islands*

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Director

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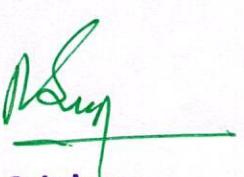
66. Everest J.H. — *An Environmental Approach*
67. Rajesh G. Gupta — *Environmental Issues for the Twenty First Century*
68. Qasim — *Marine Ecology*
69. Lehninger A.L. — *Principles of Biochemistry*
70. Voet & Voet — *Biochemistry*
71. Satyanarayana & Chakrapani — *Biochemistry*
72. Nelson & Cox — *Lehninger Biochemistry*
73. Solomon, Berg, Martin — *Biology*
74. Gupta S.C. — *Fundamentals of Statistics*
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76. Khan & Khanum — *Biostatistics Manual*
77. Kothari C.R. — *Research Methodology: Methods and Techniques*
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79. Lodish — *Molecular Cell Biology*
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82. Primrose & Twyman — *Principles of Gene Manipulation*
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84. Roitt, Brostoff & Male — *Immunology* — Mosby
85. Kuby — *Immunology* — W.H. Freeman
86. Tizard — *Immunology: An Introduction* — Cengage
87. Male, Brostoff, Roth, Roitt — *Immunology* — Elsevier
88. Ivan Roitt et al. — *Immunology* — Sinauer
89. Knobil & Neil — *The Physiology of Reproduction*
90. Hadley — *Endocrinology*
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98. Wolpert L. — *Principles of Development* — Oxford
99. Carlson B.M. — *Patten's Foundations of Embryology*
100. Balinski — *An Introduction to Embryology*
101. Oppenheimer — *Essays in the History of Embryology*
102. Browder — *Developmental Biology*
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104. Grierson & Miller — *Practical Biotechnology*
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107. Freshney — *Culture of Animal Cells*
108. Watson et al. — *Recombinant DNA*
109. R.L. Kotpal — *Invertebrates (Protozoa / Helminths / Arthropoda / Mollusca)* — Rastogi
110. B.P. Pandey — *Invertebrate Zoology* — S. Chand
111. P.S. Verma & B.P. Pandey — *Chordate & Invertebrate Zoology* — S. Chand
112. Arumugam — *Invertebrate Zoology* — Saras Publications
113. Ekambaranatha Ayyar — *Manual of Zoology (Vol I & II)* — Universities Press
114. R.C. Dubey — *Practical Microbiology* — S. Chand
115. Arumugam — *Techniques in Biology* — Saras Publications
116. B.D. Singh — *Biotechnology* — Kalyani Publishers
117. R.C. Dubey — *A Textbook of Biotechnology* — S. Chand
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122. P.S. Verma — *Animal Physiology* — S. Chand

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Director
RUSA 2.0,
Department of Biotechnology

123. Dr. K. Venkataraman — *Ethology (Animal Behaviour)* — Universities Press
124. P.K. Gupta — *Genetics* — Rastogi Publications
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132. Arvind Kumar — *Ecology & Environment* — APH Publishing
133. P.C. Trivedi — *Environmental Science* — NIPA
134. N. Arumugam — *Environmental Biology* — Saras
135. Sharma & Sharma — *Ecology* — Rastogi
136. J.P. Sharma — *Environmental Biology & Toxicology* — Rastogi
137. U. Satyanarayana & Chakrapani — *Biochemistry* — Elsevier
138. P.K. Ghosh — *Biochemistry* — Books & Allied
139. Debajyoti Das — *Biochemistry* — Academic Publishers
140. Arumugam — *Biochemistry* — Saras Publications
141. M. Aftabuddin — *Textbook of Biochemistry* — PHI
142. A.K. Sharma — *Biostatistics* — Rastogi Publications
143. Khan & Khanum — *Fundamentals of Biostatistics* — Ukaaz
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146. Mahajan — *Statistical Methods in Biology* — Jaypee
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149. Dubey R.C. — *Molecular Biology* — S. Chand
150. B.D. Singh — *Biotechnology & Genetic Engineering* — Kalyani

151. Dr. M.N. Arumugam — *Molecular Biology* — Saras Publications
152. Kuby (Indian Edition) — *Immunology* — W.H. Freeman / Cengage India
153. K. Vidyasagar — *Elements of Immunology* — Universities Press
154. R. Janani — *Fundamentals of Immunology* — Jaypee
155. Dr. R.S. Sengar — *Immunology* — Rastogi Publications
156. Arumugam — *Immunology* — Saras Publications
157. Arumugam — *Endocrinology* — Saras Publications
158. Singh & Suman — *Endocrinology & Reproductive Biology* — KR Publishers
159. Goyal — *Reproductive Physiology* — Krishna Prakashan
160. K.D. Chatterjee — *Parasitology* — CBS Publishers
161. Arora & Arora — *Medical Parasitology* — CBS
162. P.S. Verma & V.K. Agarwal — *Cell Biology* — S. Chand
163. Devasena — *Cell Biology* — Oxford India
164. Arumugam — *Cell Biology* — Saras Publications
165. Arumugam — *Developmental Biology* — Saras
166. B. Cyril — *Introduction to Embryology* — Universities Press
167. P.S. Verma — *Developmental Biology* — S. Chand
168. Balinsky (Indian Edition) — *Embryology* — CBS Publishers
169. Mohan P. Arora — *Developmental Biology* — Himalaya Publishing
170. B.D. Singh — *Biotechnology* — Kalyani Publishers
171. R.C. Dubey — *Textbook of Biotechnology* — S. Chand
172. P.D. Sharma — *Animal Biotechnology* — Rastogi Publications
173. G.P. Talwar — *A Textbook of Immunology & Biotechnology* — Nirali
174. Arumugam — *Biotechnology* — Saras Publications
175. R.S. Sengar — *Genetic Engineering & Biotechnology* — Rastogi



Dr. P. Srinivas
DIRECTOR,
RUSA 2.0 Research Project,
Department of Biotechnology,
Kakatiya University, Warangal-50

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CENTRE FOR MOLECULES AND MATERIALS PHYSICS

(R-CMMP)

(Department of Physics, Kakatiya University, Warangal)

f. B. Venkatram Reddy

Ed., Ph.D., PGDCS

& Professor of Physics

Phone: +91 940162740 (M)

E-mail: bvreddy67@yahoo.com

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Sub: Submission of the List of Books required for the RUSA Projects - Reg:

Dear Sir,

I am herewith attaching the list of Books required for the Research Centre of Molecules and Materials Physics. Once the availability of the Books and the cost of the Book is fixed, purchase order will be placed. I would like to mention that the entire list of the Books may not be purchased. Decision will be taken based on the availability of the Budget.

Thanking you,

Yours sincerely,



Prof. B. Venkatram Reddy
Director, CMMP

S. No.	NAME OF THE BOOK	AUTHER	PUBLISHER	Edition
1	Rare Earth Materials : properties and applications.	A.R JHA	CRC press taylor and Francies group	1st
2	Rare Earth doped low phonon Energy Glasses for photonic Applications.	Ramachari Doddoji ,Chengaiah Thummala	Syrawood publishing house	
3	Silica Glass and its Application volume 11 (Glass Science & Technology)	Fanderlik.	elsevier	
4	Optical Spectroscopy of silicates and glasses	Philippe Colombar , Linda . c. Prinsl	RSE Royal society of chemistry	
5	Introduction to Glass Science and technology	James E.Shelby (RSC).	RSE Royal society of chemistry	3rd
6	Hand book of Glass properties.	NARITTAM P. BANSAL , R.H.DOREMUS R.H.DOREMUS.	RSE Royal society of chemistry	
7	Structures of glasses. By James E . Shelby. 4,500/-	By James E . Shelby.		1st
8	Bioplastics and biodegradable products Manufacturing Handbook	P.K CHATTOPADHYAY	Asia pacific business press inc.	2022

9	MATLAB: Easy Way of Learning	<u>KUMAR, S.</u> <u>SWAPNA, LENINA, S V B</u>	PHI Learning Pvt Ltd.	2 nd
10	Research Methodology: Methods and Techniques	<u>Kothari, C.R</u>	NEW AGE INTERNATIONAL (P) LIMITED, PUBLISHERS	4 th
11	Introduction to nuclear physics, with applications in medicine and biology	Dyson, N A	Ellis Horwood Ltd	1 st
12	The Atomic Nucleus	Evans, Robley D.	Tata McGraw-Hill Publishing Company Limited	1 st
13	Subatomic Physics	Hans Frauenfelder, Ernest M. Henley	Prentice-Hall	2 nd

Ans

Prof. B. Venkatram Reddy
Director, CMMR RUSA 2.0, Department of Physics

14	Elements Of Nuclear Physics	Pandya, M.L., Yadav, R.P.S	Kedara Nath Ram Nath	2021 st
15	Nuclear Physics	D.C. Tayal	Himalaya Publishing House	Revised, Enlarged
16	Quantum Mechanics	A.K. Ghatak, S. Lokanathan	Laxmi Publications Pvt Ltd	6 th
17	Handbook of Analytical Instruments	R. S. Khandpur	McGraw-Hill Education	2 nd
18	Vacuum Physics And Techniques	T. A. Delchar	Springer Dordrecht	1 st
19	Molecules and Radiation	Jeffrey I. Steinfeld	Courier Corporation	reprint, revised
20	Atomic and Molecular Spectroscopy	Rita Kakkar	Cambridge University Press	illustrated
21	Handbook of Molecular Spectroscopy	D. N. Sathyanarayana	I.K. International Publishing House Pvt. Limited	2 nd
22	Solid State Physics	Neil W. Ashcroft, N. David Mermin	Holt, Rinehart and Winston	33 rd
23	X-ray Diffraction Procedures for Polycrystalline and Amorphous Materials	Harold Philip Klug, Leroy Elbert Alexander	Wiley	2 nd
24	Textbook of Quantum Mechanics, 2E	P M Mathews, K. Venkatesan	McGraw-Hill Education (India) Pvt Limited	2 nd
25	Atomistic Properties of Solids	Dinker B. Sirdeshmukh, Lalitha Sirdeshmukh, K.G. Subhadra	Springer Science & Business Media	illustrated

26	Quantum Mechanical foundations of Molecular Spectroscopy	Max Diem	Wiley -VCH	1
27	Atomic and Molecular Spectroscopy	Rita Kakkar	Cambridge	2
28	Molecular Spectroscopy	Jeanne L McHALE	CRC Press	2
29	Time-Dependent Density functional theory	Carsten A Ullrich	Oxford Univ press	1
30	DFT based studies on bioactive molecules	Neeraj misra, Ambrish Kumar	Bentham	1
31	Molecular Spectroscopy and Quantum dynamics	Roberto Marquardt, Martin Quack	Elsevier	1
32	Spectroscopy of Organic Compounds	P S Kalsi	New age international	10
33	IR and Raman Spectroscopy	Peter J Larkin	Elsevier	2
34	Basic Ultraviolet Spectroscopy	Jogesh Bhola	LAP LAMBERT	-
35	Molecular symmetry in chemistry via group theory	U C Agarwala, HL Nigam	ANE BOOKS PVT. LTD	-
36	Understanding NMR Spectroscopy	James Keeler	WILEY	2

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Director, CMMP RUSA 2.0, Department of Physics

37	Molecular Spectra and Molecular Structure Vol I	Gerhard Herzberg	Krieger Publishing Company	2
38	Spectra and Dynamics of small molecules	Rober W Fied	Springer	2015 ed
39	Molecular Docking for Computer- aided drug design	Mohane S. Coumar	Academic Press	1
40	Materials Modelling using Density Functional Theory properties and predictions	Feliciano Giustino	Oxford	1
41	Spinel Nano ferrites Synthesis, Properties and Applications	Surender K, Sharma	Springer	1
42	Magnetic ferrites and related Nano composites	Ali Ghasemi	Elsevier	1
43	Modern Ferrites, Volume 2 Emerging Technologies and Applications	Vincent G. Harries	WILEY	
44	Characterization Techniques for Nano Materials	Dr.K.Girija, Dr. S. Thirumalarajan	AkiniK	1

S. No.	Title of the Book	Author	Publisher
45	Conducting Polymers, Fundamentals and Applications: Including Carbon Nanotubes and Graphene	Prasanna Chandrasekhar	springer
46	Characterization Techniques for Polymer Nanocomposites	Vikas Mittal	wiley publication
47	X-ray Methods in the Study of Defects in Single Crystals .	Julian Auleytner	Pergamon
48	Electrochemical Impedance Spectroscopy and its Application	Andrzej Lasia	springer
49	Dielectric Materials and Applications	von Hippel, Arthur R	MIT Press
50	Synthesis & characterization of Solid polymer electrolytes	<u>Anji Reddy Polu</u>	LAP Lambert Academic Publishing
Sl.No.	Title of the Book	Author	Publisher
51	Introduction to Solids.	M. AZAROFF	TATA McGraw Hill
52	Semiconductor Measurements and Instrumentation	W.R. Runyon	MCGROW-Hill. Kogakusha.LTD Tokyo
53	Radiothermo luminescence and Transitions in polymers.	Lev. Zlatkevich.	Springer-Verlay.New york,Tokya
54	Thermally Stimulated Relaxations in Solids	P.Bräunlich.	Spring Verlay ,Berlin-Heitelbery New York

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Prof. B. Venkatram Reddy
Director, CMMP RUSA 2.0, Department of Physics

S.NO	BOOK NAME	AUTHOR NAME	PUBLISHERS
55	Nano materials	AK Bandhopadyaya	New Age Science Publishers
56	Macro- and micro properties of Solids (Thermal Mechanical and dielectric properties)	DB sirdeshmuksh, LSir Deshmukh, KG Subhadra	
57	Electrochemical methods (fundamentals and applications)	Allen J.Bard and Larry R. Faulanker	John wiley and sons
58	Fundamentals of Solid state physics	Saxena gupttha saxena	Pragathi prakashan meerut 235
59	Fundamentals of microprocessor	B Ram	
60	Nano materials synthesis Design, Fabrication & Applications	Yasir Beeran, Pottathara, sabuthomos& Nandakumar	Elesivere Micro& Nano technology series
61	Nano technology Principles & practice	Sulabha k Kulakarni	Capital publishing Company
62	Introduction to Nano science&nano technology	KK Chatopadhyaya&AN Banerjee	PHI Publishing PVT LTD
63	Nano materials- Synthesis, Characterization & Applications	AK Hagh, Ajesh, K Zachariah, Nandakumar	Academic Press
64	.Nano material science Synthesis, Characterization& Applications	Subhash Bhadrasahu, DR Chandini Behra	PHI Publications
65	Material chemistry &nano science	Cesar Barnes	
66	Thermal Energy Storage with phase change materials	Mahoammed farid and gohar	CRC press



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LIST OF BOOKS ON SOCIAL ENTREPRENEURSHIP

S. No	Author Name	Title	Qty
1.	Paramashivam C	SOCIAL ENTREPRENEURSHIP (HB)	1
2.	Ahmed J U	ENTREPRENEURSHIP DEVELOPMENT ISSUES & PERSPECTIVES	1
3.	Dr. Puri. G.	ENTREPRENEURSHIP DEVELOPMENT AND COMMUNICATION SKILLS	1
4.	Nagayya .D	WOMEN ENTREPRENEURSHIP AND SMALL ENTERPRISES IN INDIA	1
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7.	Desai V	THE DYNAMICS OF ENTREPRENEURIAL DEVELOPMENT AND MANAGEMENT	1
8.	Lockett B	EXPLORING ENTREPRENEURSHIP 2E	1
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12.	Selvam S K P	SOCIAL & RURAL ENTREPRENEURSHIP	1
13.	Nisha Pandey, Arunaditya Sahay	SOCIAL ENTREPRENEURSHIP IN INDIA, PALGRAVE STUDIES IN INDIAN MANAGEMENT	1
14.	Madhukar Shukla	SOCIAL ENTREPRENEURSHIP IN INDIA	1
15.	Anirudh Agrawal, Prajakta Khare	SOCIAL ENTREPRENEURSHIP IN INDIA: MODELS AND APPLICATION	1
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S. No	Author Name	Title	Qty
17.	Smith	Culture	1
18.	Doshi S L	Post Modern Perspective On Indian Society (Pb)	1
19.	Chudhuri M	Sociology In India	1
20.	Rawat H K	Contemporary Sociology	1
21.	Rawat H K	Sociology Basic Concepts	1
22.	Chopra	Academic Dictionary of Sociology	1
23.	Bhushan	An Introduction to Sociology	1
24.	Seikh	Dynamics of Social Institutions	1
25.	Tyagi	Essentials of Sociology	1
26.	Joshi	Fundamentals of Sociology	1
27.	Sharma	Fundamentals of Sociology	1
28.	Davis	Human Society	1
29.	Sharma	Indian Social Structure & Change	1
30.	Ahuja	Social Problems in India 2/e	1
31.	Gupta	Social Stratification	1
32.	Sharma	Social Stratification & Mobility	1
33.	Sen	Social Theories & Modern Society	1
34.	Maciver	Society: An Introductory Analysis	1
35.	Shankar Rao	Sociology: Principles of Sociology	1
36.	Haralambos	Sociology: Themes & Perspectives	1

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2.	Atkinson	Hilgard's Introduction to Psychology	1
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5.	Patel A K	Clinical Social Work	1
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7.	Singh K K	Encyclopedia of Social Work in 21st Century (Set of 5 Vols)	1
8.	I S Subhedar	Fieldwork Training in Social Work	1
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18.	Bhattacharya	Social Work Psycho-Social & Health Aspects	1
19.	Reamer	Social Work Research & Evaluation Skills	1
20.	Trevithick	Social Work Skills: A Practice Handbook	1
21.	Chaturvedi	Social Work Theories & Practices	1

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LIST OF BOOKS

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S.No	BOOK TITLE	AUTHORS	PUBLISHER	EDITION / VOLUME	QUANTIT Y
1.	ADVANCE FRONTIERS ON BIOTECHNOLOGY	Behera , K.K.	Narendra Publishing house		01
2.	BIOMOLECULES : THE MOLECULES OF LIFE [2 PARTS]	Tripathi , A.	Narendra Publishing house		01
3.	CELL BIOLOGY : GENETICS AND EVOLUTION	Khanna.P.et al	Narendra Publishing house		01
4.	CHEMISTRY OF BIOMOLECULES	Jeelani.S.	Narendra Publishing house		01
5.	COMPETITIVE BIOCHEMISTRY	Gupta.O.P.	Narendra Publishing house	2 nd edition	01
6.	FUNDAMENTALS OF MICROBIOLOGY	Anitha.K.G.	Narendra Publishing house		01
7.	INTRODUCTION TO BIOINFORMATICS	Rather , M.A.et al	Narendra Publishing house		01
8.	LABORATORY MANUAL FOR BIOCHEMICAL ANALYSIS	Gopakumar	Narendra Publishing house		01
9.	MODEL ORGANISMS FOR MICROBIAL PATHOGENESIS , BIOFILMS FORMATION AND ANTIMICROBIAL DRUG DISCOVERY	Siddhardha B. et al	Narendra Publishing house		01
10.	TECHNIQUES OF	Kumar.A.	Narendra Publishing		01

	AGRICULTURE MICROBIOLOGY		house		
11.	TEXTBOOK OF MICROBIOLOGY : FOR AGRICULTURE STUDENTS	Sivaji , M.et al	Narendra Publishing house		01
12.	BIODIVERSITY	Pandey.P.N.	Narendra Publishing house		01
13.	BIODIVERSITY AND HUMAN WELFARE	Goswamy	Narendra Publishing house		01
14.	BIODIVERSITY AND TAXONOMY	Kumar , Biju	Narendra Publishing house		01
15.	ENVIRONMENTAL BIOLOGY AND ECOLOGY	Shukla / Pandey	Narendra Publishing house		01
16.	ENVIRONMENTAL DATA ANALYSIS	Doramann . C.	Narendra Publishing house		01
17.	ENVIRONMENTAL PARASITOLOGY	Zargur.U.R	Narendra Publishing house		01
18.	INNOVATIONS IN APPLIED SCIENCE FOR FOOD , HEALTH SECURITY & LIVELIHOOD	Mishra.S	Narendra Publishing house		01
19.	PRINCIPLES OF BIODIVERSITY	Suresh.E.et al	Narendra Publishing house		01
20.	ADVACE TECHNOLOGY IN FOOD PROCESSING	Chaudhary,V.et al	Narendra Publishing house		01
21.	CHEMICAL AMALYSIS OF ANTIBIOTIC RESIDUES IN FOOD	Wang.J	Narendra Publishing house		01
22.	DIART TECHNOLOGY: THE MILKMWAY	Sarkar.B	Narendra Publishing house		01
23.	ESSENTIALS OF FOOD SCIENCE	Vaclavik,K.A.	Narendra Publishing house	5 th edition	01
24.	FISH PROCESSING TECHNOLOGY AND PRODUCT DEVELOPMENT	Ninawe / Rathnakumar	Narendra Publishing house		01
			Narendra		

25.	FUNDAMENTALS OF FOOD AND NUTRITION	Debaje ,P.B.et al	Publishing house		01
26.	HANDBOOK OF FOOD ANALYSIS	Nollet, L.M.L.	Narendra Publishing house		01
27.	MEAT SCIENCE AND TECHNOLOGY	Biswas. A.K.	Narendra Publishing house		01
28.	MEAT , POULTRY AND FISH TECHNOLOGY	Pawase , P.A.et al	Narendra Publishing house		01
29.	MICROBIAL QUALITY AND SAFETY OF FOODS	Subhashini.R.	Narendra Publishing house		01
30.	MILK AND MILK PRODUCT TECHNOLOGY	Raziuddin	Narendra Publishing house		01
31.	MILK PROTEINS : FROM EXPRESSION TO FOODS	Thompson , A.	Narendra Publishing house		01
32.	NON THERMAL PROCESSING OF FOODS	Chauhan ,O.P.	Narendra Publishing house		01
33.	POST HARVEST BIOTECHNOLOGY OF HORTICULTURE CROPS	Ponnuswami.V.	Narendra Publishing house		01
34.	PROBIOTICS FOODS	Tripathi/Giri	Narendra Publishing house		01
35.	SCIENCE OF FOOD CHEMISTRY AND FOOD NUTRITION	Thamizhanthi,S.	Narendra Publishing house		
36.	STANDARD METHODS FOR SOIL,WATERAND PLANT ANALYSIS	Singh . Y.V.	Narendra Publishing house		01
37.	TEXTBOOK OF FOOD CHEMISTRY	Stephen . N.M.	Narendra Publishing house		01
38.	VITAMINS AND MINERALS	Sharam,V.et al	Narendra Publishing house		01
39.	FUNDAMENTALS OF MICROBIOLOGY	Alcamo	Jones and Bartlet		01
40.	MOLECULAR BIOLOGY OF	Albert	Garland		01

	THE CELL		science		
41.	MOLECULAR CELL BIOLOGY	Lodish	Macmillian		01
42.	FUNDAMENTALS OF GENETICS	Rastogi	Medtech		01
43.	METHODS IN APPLIED SOIL MICROBIOLOGY AND BIOCHEMISTRY	Alef	Elsevier		01
44.	MOLECULAR BOLGY OF B CELLS	Honjo	Elsevier		01
45.	GENOMES	Brown	Garland science		01
46.	TEXTBOOK OF BIOCHEMISTRY	Delwin	Wiley		01
47.	MOLECULAR BIOTECHNOLOGY	Glick	ASM Press	4 th Edition	01
48.	FOOD AND MICROBES	Chatterjee & Swagatha	Himalaya Publishing House		01
49.	FOO AND NUTRITION	Deshpande & Kulkarni	Himalaya Publishing House		01
50.	RESEARCH METHODOLOGY	Krishnaswami.O.R.	Himalaya Publishing House		01
51.	RESEARCH METHODOLOGY	Majhi&Khatua	Himalaya Publishing House		01
52.	GENERAL MICROBIOLOGY	Powar &Daginawala	Himalaya Publishing House	Vol 1	01
53.	GENERAL MICROBIOLOGY	Powar &Daginawala	Himalaya Publishing House	Vol 2	01
54.	BIOCHEMISTRY	Powar	Himalaya Publishing House		01
55.	LABORATORY EXPERIMENTS	Reddy & others	Himalaya Publishing		

	IN MICROBIOLOGY		House		01
56.	APPLIED MICROBIOLOGY	Sandikar & Balkrishna	Himalaya Publishing House		01
57.	BASIC BIOCHEMISTRY AND MICROBIAL METABOLISM	Sandikar & Balkrishna	Himalaya Publishing House		01
58.	BIOTECHNOLOGY FOR CSIR-NET,SET,GATE,JNU,AIIMS,JAM	Thakur , Vinitha	Himalaya Publishing House		01
59.	KUBY IMMUNOLOGY	Kind Goldsby Osborne	W. H. Freeman And Company	6 th Edition	01
60.	ROITT'S ESSENTIAL IMMUNOLOGY	Peter J. Delves Seamus J. martin Ivan M. Roitt	Wiley Blackwell	13 th Edition	01
61.	MEDICAL MICROBIOLOGY	Patrick R. Murray Ken S. Rosenthal Mich	Elesveir	10 th Edition	01
62.	MEDICAL MICROBIOLOGY	Ananthanarayan and Paniker's	Universities Press Pvt.Ltd.	13 th Edition	01
63.	CELL AND MOLECULAR BIOLOGY	De Roberties	Walters KluwerS	8 th Edition	01

Dr.V.Mahender
 Principal Investigator,RUSA 2.0,
 Dept.of E.C.E,
 KUCET,KU Campus,
 Hammakonda.
 506009.

To,
 The Chairman / Members,
 Purchase Committee,
 RUSA 2.0,

Subject: Request for Purchase of Books for Research Project

Dear Sir / Madam,

I am Dr.V.Mahender, Principal Investigator, RUSA 2.0, I am writing on behalf of to request approval for the purchase of books listed below. These books are necessary for the Research Project Titled “Brain Tumor Detection by using Magnetic Resonance Images by using Machine Learning Approach and Implemented through Embedded System Platform”, Sanctioned under RUSA 2.0,

Details of Books to be Purchased

S. No	Book Name	Authors	Publisher	Year	ISBN	Description	Copies
1	Brain tumor detection using digital image processing	Vipin Borole, Sonali Kulkarni	LAMBERT ,Academic Publishing	2023	ISBN-10 : 6200288879	Focused on computational & image processing methods for tumor detection(e.g. from MRI)	1
2	Brain Tumor Detection on Using Medical Image	Dimphal Khambhat	LAP LAMBERT	2022	ISBN-10 : 6204735306	A More general take on medical image-Processing techniques applied	1

1	Processing	i, Vishaka Khambhat i	Academic Publishing	ISBN-13 : 978-6204735306	to tumor Detection: might cover MRI (and possibly other modalities). Good for building foundational knowledge of medical image processing workflows.	1
3	MRI Image Segmentation for Detection of Brain Tumors	Chindam Hari Prasad	LAMBERT Academic Publishing	ISBN-10 : 6206750914 ISBN-13 : 978-6206750918	Focuses on orientation towards segmentation methods specifically for MRI Images.	1
4	Machine Learning and Medical Imaging	Guorong Wu Dinggang Shen Mert Sabuncu	Academic Pr	978-0128040768	Covers Broad overview of Machine-Learning methods applied to medical-imaging including MRI, CT, Ultrasound, histology etc. Includes classical ML, modern deep learning, sparse coding/representation	1
5	Machine Learning and Deep Learning Techniques for Medical Image Recognition	Ben Othman Soufiene, Chinmay Chakraborty	CRC Press	9781032432212	Comprehensively reviews deep-learning based algorithms in medical image analysis problems including medical image processing	1
6	Machine Learning with PyTorch and Scikit-Learn	Sebastian Raschka Yuxi(Hayden)Liu Vahid Mirjalili	Packt Publishing Limited	978-1801819312	Covers building real-world machine learning and deep learning models using two widely used Python libraries:Pytorch and Scikit-Learn	1

7	Machine Learning With Raspberry Pi	Donald J Noris	APress	2020	978-0323911714	A practical guide to doing ML and computer-vision experiments directly on Raspberry Pi (using its camera,etc.).A good foundation if you want to test/learn ML on Pi hardware.	1
8.	Brain Tumor MRI Image Segmentation Using Deep Learning Techniques	Jyotismita Chaki	Academic Pr	2021	978-03238512	A book focuses on DL methods tailored for medical images. Good to learn segmentation, detection, pre-processing techniques, model design, evaluative-all relevant for tumor detection.	1

We request that the Purchase Committee kindly consider the proposal Purchase of Books. These books will significantly benefit the Research

Thank you for your time and consideration.

Yours faithfully,



Dr. V. Mahender,
Principal Investigator,
RUSA 2.0, Dept. of E.C.E.,
KUCET, KU Campus.

Dr. V. Mahender
Principal Investigator
RUSA 2.0 Research Project
Department of E.C.E
KU College of Engineering and Technology
Kuvempu University, Visakhapatnam.



RESEARCH PROJECT UNDER RUSA 2.0
ON
INVESTORS PROTECTION IN INDIA – THE ROLE OF CORPORATE
AND ACADEMIA IN EDUCATING SMALL INVESTORS



Prof. RAJENDER KATLA
Principal Investigator

List of Books proposed for the Purchase under RUSA Sponsored MRP
Under the Head - Soft Component - Books

#	Title	Publisher
1.	<i>Background Material for Investor Awareness Programme</i>	ICAI – Committee on Financial Markets & Investors' Protection
2.	<i>Basics of Indian Stock Market</i> – N. S. Toor	Skylark Publications
3.	<i>Breakout Trading Made Easy</i> by Sunil Gurjar	Chartmojo
4.	<i>Coffee Can Investing – The Low-Risk Road to Stupendous Wealth</i>	Penguin Random House India
5.	<i>Diamonds in the Dust – Consistent Compounding</i>	Penguin Random House India
6.	<i>Financial Derivatives and Risk Management</i> – S.L. Gupta	PHI Learning Pvt. Ltd.
7.	<i>Financial Literacy and Investment Awareness</i> – Dr. R. Parameswaran	Kalyani Publishers
8.	<i>Financial Markets and Institutions</i> – Frederic S. Mishkin & Stanley Eakins	Pearson Education
9.	<i>Financial Markets, Institutions and Services</i> (6th Ed.) – Bharti V. Pathak	Pearson India
10.	<i>Guide to Indian Stock Market</i> by Jitendra Gala	Buzzingstock Publishing House
11.	<i>How to Avoid Loss and Earn Consistently in the Stock Market</i> – Prasenjit Paul	Notion Press
12.	<i>Indian Financial System</i> – Dr. S.K. Singh	SBPD Publications
13.	<i>Indian Financial System</i> – H.R. Machiraju	Vikas Publishing House
14.	<i>Indian Financial System</i> (11th Edition) – M.Y. Khan	McGraw Hill Education
15.	<i>Indian Financial System</i> (1st Ed.) – Dr. S.K. Singh	SBPD Publications
16.	<i>Indian Financial System, Markets, Institutions and Services</i> – Bharti V. Pathak	Pearson Education
17.	<i>Indian Mutual Funds Handbook</i> (5th Edition)	Vision Books
18.	<i>Indian Stock Market Simplified</i> – Anant & Pankaj Ladha	Penguin India
19.	<i>International Financial Management</i> – Eun & Resnick	McGraw Hill Education
20.	<i>International Financial Management</i> – Vyuptakesh Sharan	PHI Learning Pvt. Ltd.
21.	<i>International Financial Management: Text & Cases</i> – P.G. Apte	McGraw Hill Education
22.	<i>International Financial Markets and Institutions</i> – Dr. R.M. Srivastava	Himalaya Publishing House
23.	<i>Investor Awareness and Protection</i> – ICAI Committee Publication	ICAI
24.	<i>Investor Education and Protection</i> – SEBI Publications	SEBI (Govt. of India)
25.	<i>Investors Protection in India: Measures Taken by SEBI and Achievement</i>	KAAV Publications

#	Title	Publisher
26.	<i>Investors' Protection in the Indian Capital Market</i>	LAP Lambert Academic Publishing
27.	<i>Let's Talk Money & Let's Talk Mutual Funds – Boxset</i>	Harper Business
28.	<i>Multibagger Stocks: How to Multiply Wealth in the Share Market</i> by Prasenjit Paul	Notion Press
29.	<i>Price Action Trading: Technical Analysis Simplified!</i> by Sunil Gurjar	Chartmojo
30.	<i>Stock Investing Mastermind – Handbook for Indian Retail Investors</i>	ZebraLearn
31.	<i>Stock Market Volatility and Risk Management – Dr. S. Kevin</i>	Himalaya Publishing House
32.	<i>Technical Analysis Made Easy</i> by Sunil Gurjar	Chartmojo
33.	<i>The Indian Share Market: Essential Guide to Every Term</i> by Kunal Ratnaparkhi	Self Published via Pothidotcom
34.	<i>The Indian Stock Market Simplified – A Beginner's Guide</i>	Notion Press
35.	<i>The Indian Stock Market Simplified</i> by Anant & Pankaj Ladha	Penguin India
36.	<i>The Intelligent Investor – Revised Edition</i>	HarperCollins Publishers Inc
37.	<i>The Investment Gita – Wisdom from Bhagavad Gita for Financial Success</i>	Jaico Publishing House
38.	<i>Value Investing and Behavioral Finance</i>	Tata McGraw-Hill
39.	<i>What Every Indian Should Know Before Investing (6th Edition)</i>	Pothi.com
40.	<i>Financial Management – I.M. Pandey</i>	Vikas Publishing House
41.	<i>Financial Management – Prasanna Chandra</i>	McGraw Hill Education
42.	<i>Strategic Financial Management – Saravanan et al.</i>	Oxford University Press
43.	<i>Management Accounting – Khan & Jain</i>	Tata McGraw Hill
44.	<i>Financial and Management Accounting – S.N. Maheshwari</i>	Sultan Chand & Sons
45.	<i>Cost Accounting: Principles & Practice – M.N. Arora</i>	Vikas Publishing House
46.	<i>A Textbook of Cost and Management Accounting – M.N. Arora</i>	Himalaya Publishing House
47.	<i>Corporate Accounting – S.N. Maheshwari & S.K. Maheshwari</i>	Vikas Publishing House
48.	<i>Advanced Accounts Vol. 1 & 2 – M.C. Shukla & T.S. Grewal</i>	S. Chand Publishing
49.	<i>Strategic Management – Azhar Kazmi</i>	McGraw Hill Education
50.	<i>Strategic Management and Business Policy – Thomas L. Wheelen & J. David Hunger</i>	Pearson Education
51.	<i>Financial Analytics – Pitabas Mohanty</i>	Pearson India
52.	<i>Business Analytics – U Dinesh Kumar</i>	Wiley India
53.	<i>Taxmann's Business Analytics – Sanjiv Joon</i>	Taxmann Publications
54.	<i>HR Analytics Essentials You Always Wanted to Know – Michael Walsh</i>	Vibrant Publishers
55.	<i>HR Analytics: Connecting Data and Theory – Rama Shankar Yadav</i>	Sage Publications
56.	<i>Marketing Analytics – Rajkumar Venkatesan et al.</i>	Wiley India
57.	<i>Marketing Analytics: Strategic Models and Metrics – Stephan Sorger</i>	Pearson India
58.	<i>Operations Analytics – Stephen Boyd & Sunil Chopra</i>	Pearson Education
59.	<i>Supply Chain Analytics – Nada R. Sanders</i>	Wiley India
60.	<i>Business Analytics: The Science of Data-Driven</i>	Wiley India

#	Title	Publisher
	<i>Decision Making</i> (2nd Ed.)	
61.	<i>Business Analytics</i> (3rd Ed.) – James R. Evans	Pearson Education
62.	<i>Business Intelligence and Analytics</i> (10th Ed.) – Ramesh Sharda, Dursun Delen, Efraim Turban	Pearson Education
63.	<i>Business Analytics</i> – P. Sashikala	Thakur Publications
64.	<i>Mastering Tableau</i> – David Baldwin	Packt Publishing
65.	<i>Learning Tableau 2022</i> – Joshua N. Milligan	Packt Publishing
66.	<i>Tableau for Beginners</i> – Chandraish Sinha	BPB Publications
67.	<i>Mastering Microsoft Power BI</i> – Brett Powell	Packt Publishing
68.	<i>Power BI Cookbook</i> – Brett Powell	Packt Publishing
69.	<i>Power BI for Beginners</i> – Chandraish Sinha	BPB Publications
70.	<i>R for Everyone: Advanced Analytics and Graphics</i> – Jared P. Lander	Pearson India
71.	<i>R Programming for Dummies</i> – Andrie de Vries & Joris Meys	Wiley India
72.	<i>Beginner's Guide for Data Analysis using R</i> – Jeeva Jose	Khanna Publishers
73.	<i>Statistics with R Programming</i> – Dr. R. Anandan & B. Srikanth	Himalaya Publishing House
74.	<i>SPSS for You</i> – A. Rajathi & P. Chandran	MJP Publishers
75.	<i>IBM SPSS Statistics 19: Statistical Procedures Companion</i> – Marija Norusis	SPSS Inc.
76.	<i>SPSS Base 8.0 Applications Guide</i>	SPSS Inc.
77.	<i>SPSS Base 8.0 Syntax Reference Guide</i>	SPSS Inc.
78.	<i>SPSS 8.0 for Windows Brief Guide</i>	SPSS Inc.
79.	<i>SPSS Professional Statistics 7.5</i>	SPSS Inc.
80.	<i>SPSS Basics: Techniques for a First Course in Statistics</i> – Deborah Mikyo Oh	Routledge (Upcoming)
81.	<i>Discovering Statistics Using IBM SPSS Statistics</i> (5th Ed.) - Andy Field	SAGE
82.	<i>SPSS Survival Manual</i> (7th Ed.) - Julie Pallant	Open University Press
83.	<i>IBM SPSS Statistics 29 Step by Step</i> - Darren George & Paul Mallery	Routledge
84.	<i>SPSS for You</i> - A. Rajathi & P. Chandran	MJP Publishers
85.	<i>Data Analysis Using SPSS</i> - Lokesh Jasrai	Local Indian Publisher
86.	Using EViews for Principles of Econometrics - William E. Griffiths, R. Carter Hill, Guay C. Lim	Wiley
87.	Economic and Financial Modelling with EViews - Abdulkader Aljandali, Motasam Tatahi	Springer
88.	Business Analytics: Underscoring the Role of DataH.K. Dangi & Gurveen Kaur	Taxmann
89.	Fundamentals of Business Analytics (2nd Ed.)Akshay Kumar & Sharath Kumar	Pothi.com
90.	Business AnalyticsU Dinesh Kumar	Wiley India
91.	Business Analytics: The Science of Data-Driven Decision Making - U Dinesh Kumar	Wiley India
92.	Data Science and Analytics - V.K. Jain	Khanna Publishers
93.	Business Intelligence and Analytics Ramesh Sharda, Dursun Delen, Efraim Turban (Indian Edition)	Pearson India
94.	Business Analytics - R.N. Prasad & Seema Acharya	Wiley India
95.	Data Analytics Using Python and R - Bharti Motwani	Wiley India

#	Title	Publisher
96.	Business Analytics for Beginners - Ramesh Behl	Cengage India
97.	Applied Business Analytics - S. Sumathi	Laxmi Publications
98.	Business Analytics and Intelligence S. Rajagopalan	PHI Learning
99.	Essentials of Business Analytics - J. K. Sharma	Vikas Publishing
100.	Business Analytics: Concepts and Applications - R. Panneerselvam	PHI Learning
101.	Introduction to Business Analytics R. Natarajan	Dreamtech Press
102.	Business Analytics Using Excel G. V. Satya Sekhar	I.K. International
103.	Business Analytics with ExcelDeepak Sharma	BPB Publications
104.	Business Analytics Made Easy -P. K. Gupta	Himalaya Publishing
105.	Business Analytics and Data Visualization - S. Balasubramanian	Cengage India
106.	Business Analytics Using Tableau - S. Rajagopalan	PHI Learning
107.	Business Analytics: Underscoring the Role of Data - H.K. Dangi & Gurveen Kaur	Taxmann
108.	<i>Research Methodology: Methods and Techniques</i> (Multicolour Edition) - C.R. Kothari & Gaurav Garg	New Age International Publishers
109.	<i>Quantitative Techniques</i> (3rd Edition) - C.R. Kothari	Vikas Publishing House
110.	<i>Research Methodology and Applied Statistics</i> - D.N. Sansanwal	Shipra Publications
111.	<i>Research Methodology and Quantitative Techniques: A Guide for Interdisciplinary Research</i> - K.A. Varghese, Nisha Varghese, B.R. Ranwah	Taylor & Francis Ltd
112.	<i>Research Methodology and Applied Statistics</i> - D.N. Sansanwal	Shipra Publications
113.	<i>Research Methodology for Business Students</i> - Donald R. Cooper & Pamela S. Schindler	Pearson Education
114.	<i>Business Research Methods</i> - Donald R. Cooper & Pamela S. Schindler	McGraw Hill Education
115.	<i>Research Methods for Management</i> - Uma Sekaran & Roger Bougie	Wiley India
116.	<i>Research Methodology: A Step-by-Step Guide for Beginners</i> - Ranjit Kumar	SAGE Publications
117.	<i>Essentials of Marketing Research and Qualtrics Card</i> (5th Edition) - Barry Babin & William G. Zikmund	Cengage Learning
118.	Financial Education and Investment Awareness - V. Basil Hans & Vinola Sandra	Astitva Prakashan


 Principal Investigator
Prof. RAJENDER KATLA
 Principal Investigator, FLUSA 2.0
 Univ. College of Comm. & Busi. Mgmt.
 Kakatiya University, Warangal, T.G.



Research Project under RUSA 2.0
Study of Micro and Poroelastic Solids by using Complex
Analysis and Numerical Techniques



Prof.P.Malla Reddy
Principal Investigator
Department of Mathematics

No.20/M/UC/R&I/KU/2025

Date 3-12-2025

To
The Chairman
Committee for Purchase of Textbooks
RUSA 2.0

Sub': Details of the Textbooks -Procurement under RUSA-2.0-Reg.

Sir,

Please find the below Table containing the details of textbooks to be purchased under RUSA 2.0 against the Head "Books and Journals".

S.No	Title	Authors	Publisher and Year
1	Poroelasticity	Alexander H.-D Cheng	Springer, 2016
2	Micropolar Theory of Elasticity	Janusz Dysziewicz	Springer, 2004
3	Advancements in Complex Analysis From Theory to Practise	Daniel Breaz, Michael Th. Rassias	Springer
4	Progress on Porous Media Research- Fundamentals and Applications	Huijin Xu, Rummung Pan, Humberg Ke, Liu Yang,	Intech Open, 2025
5	A Treatise on the Theory of Bessel Functions	G N Watson	Cambridge University Press
6	Handbook of Mathematical Functions	Milton Abramowitz and Irene Stegun	National Bureau of Standards, Applied Mathematics Series USA

With Regards,

Sincerely,

Prof. P. Malla Reddy
Principal Investigator
RUSA 2.0 Research Project

Department of Mathematics, Kakatiya University
Kakatiya University, Warangal-506009, Telangana, India