

"Registry of Research Contributors"

"This research stands as a collaborative achievement, made possible through the dedicated involvement of an esteemed group of educators and students. I extend my sincere gratitude to the teachers and lecturers who served as expert evaluators, meticulously checking the **multidisciplinary lesson plans** for pedagogical accuracy and classroom feasibility. Their insights were instrumental in ensuring that the instructional design met rigorous academic standards. Furthermore, I am deeply indebted to the contributors who participated in the **validation and reliability testing of the NIRMAAN SOFTWARE**. Through their technical feedback and user-experience testing, the software was refined into a more robust and effective educational tool. The students also played a vital role, offering fresh perspectives and creative ideas that shaped the software's practical application. This diverse pool of contributors provided the essential bridge between theoretical research and real-world educational practice.

Their collective intellectual support has been the cornerstone of this study's success and reliability.

Group A : Academic & Theoretical Advisory Board

- **Focus:** Pedagogical Framework, Research Methodology, and Educational Theory. Subject Contents, Pedagogical Content and Methodology and Validation.
- **Participants:** University Professors, B.Ed. College Lecturers, and Research Supervisors.
- **Contribution:** They validated the underlying **pedagogical models** used in the NIRMAAN Software and ensured the **multidisciplinary framework** aligns with modern educational research and National Curriculum Standards. Generation Lesson Plans Validation Software Plans for academic accuracy and curriculum alignment Technical expertise Pedagogical Content and methods , Pedagogy Review Pedagogical & Idea Generation Lesson Plans Validation User Interface (UI) Testing & Feedback

Sl. No	Name	Designation	Institution
1	Dr.Sushma R	Chairman & Dean	Department of Education R. C. U. Belagavi
2	Dr.Yarriswamy M C	Professor & Guide	Department of Education ,Bangalore University
3	Dr.Kanakappa Pujar	Professor	Department of Education R. C. U. Belagavi
4	Dr.Prakasah Badiger	Associate Professor	NCERT. National Council Of Educational Research And Training(Ncert). Nellore

5	Dr. Kusagal	Assistant Professor	Department of English,RCU Belagavi
6	Dr. Kiran	Assistant Professor	Department of Library Science Rani Channamma Univeristy,Belagavi.
7	Dr. Arun H Joshi	Principal	Jain Mahila Mandal college of Education for women(B.Ed.) Belagavi.
8	Dr. V.P Kuri	Principal	K L E Society's College of Education, Balagavi
9	Dr. Indira P Sutar	Principal	Shaikh College of Education, Balagavi
10	Dr.G.M.Sungar	Principal	K.S.R.(B.Ed.) College of Education, Balagavi
11	Dr. Arun H Joshi	Principal	Jain Mahila Mandal college of Education for women(B.Ed.) Belagavi.
12	Shri.N Sreekant	Principal	CTE College of Education, Balagavi
13	Dr. A.L.Patil	Principal	S.S.E.T's Chandragiri College of Education, for women (B.Ed.) Belagavi.
14	Shri. Nirwani	Principal	K.L.E.Society's S.S.Basavanal D.Ed. College, Belagavi
15	Dr. S.A. Narasgouda	Assistant Professor	K.S.R. college of Education (B.Ed.) Belagavi
16	Dr.N S Jadhav	Assistant Professor	K.S.R. college of Education (B.Ed.) Belagavi
17	Dr.N A Pujar	Assistant Professor	K.S.R. college of Education ((B.Ed.) Belagavi
18	Dr.G R Kottennavavar	Assistant Professor	K.S.R. college of Education (B.Ed.) Belagavi
19	Dr. Shivakumar G Manaturagimath	Assistsnt Professor	S.S.E.T's Chandragiri College of Education, for women (B.Ed.) Belagavi.
20	Dr. Geeta Dayannavar	Assistant Professor	M.N.R.S.College of Education (B.Ed.) Belagavi.
21	Dr. walishetti	Asst.Professor	M N R S College of Education Belagavi
22	Dr.G.C.Kadannavar	Asst.Professor	K L E Society's College of Education, Balagavi
23	Dr.S.K.Talwar	Asst.Professor	K L E Society's College of Education, Balagavi
24	Dr. Geeta Dayannvar	Principal	K.S.R.College of Education, Balagavi

Group B : Technical Validation Team (NIRMAAN Software)

- **Focus:** Reliability, UI/UX, and Technical Logic.
- **Participants:** Lecturers, IT experts, and technically proficient students.

Contribution: They ensured the software is bug-free, the interface is user-friendly, and the internal logic (coding/workflow) functions consistently. Generation Validated the

Multidisciplinary Lesson Plans Software Reliability Testing & Feedback Generation Validated the Multidisciplinary Lesson Plans Software Reliability Testing , Computer Expertise ,Data Science & Feedback

Sl. No	Name	Designation	Institution	Specific Contribution
1	Smt.Swarali Joshi	Principal	K.L.E.Society's B.C.A. Degree college.Belagavi.	Computer Expertise ,Data Science, Experts Subject Matter Experts (SMEs)User Interface (UI) Testing
2	Prof.Rohit Deshpande	Co-ordinator	K.L.E.Society's B.C.A. Degree college. Belagavi	Artificial Intelligence and Big Data using Hadoop
3	Smt.Pallavi Mudhol	Assistant Professor (Lab instructor)	K.L.E.Society's B.C.A. Degree college. Belagavi	Computer expertise Automation Testing, Cloud Computing, Database Management System, Android Programming, Digital Marketing
4	Smt.Nikita Dalwayi	Assistant Professor	K.L.E.Society's B.C.A. Degree college. Belagavi	Computer expertise Object Oriented programming Experts Subject Matter Experts (SMEs)User Interface (UI) Testing
5	Shri.Ritish Undale	Assistant Professor	K.L.E.Society's B.C.A. Degree college. Belagavi	VLS I Design and Embedded Systems Experts Subject Matter Experts (SMEs)User Interface (UI) Testing

6	Shri Pramoda Ambannavar	Assistant Professor	K.L.E.Society's B.C.A. Degree college. Belagavi	Computer Expertise Specialization: Java Fullstack
7	Smt..Pranti Karoli	Assistant Professor	K.L.E.Society's B.C.A. Degree college. Belagavi.	Computer Expertise ,Artificial Intelligence and Machine Language
8	Smt.Rajeshwari Toragallamath	Assistant Professor	K.L.E.Society's B.C.A. Degree college. Belagavi.	Computer Expertise , Cloud Computing Experts Subject Matter Experts (SMEs)User Interface (UI) Testing
9	Smt.Priyanaka Patil	Assistant Professor	K.L.E.Society's B.C.A. Degree college. Belagavi	Computer Expertise Software engineering and Testing
10	Shri Shripad Devdhar	Assistant Professor (Lab instructor)	K.L.E.Society's B.C.A. Degree college. Belagavi	Computer Expertise Computer expertise ,hardware and networking.
11	Shri Raghvednra Honwad	C.E.O. Stratup company	Belagavi	Computer Expertise Software engineering Artificial Intelligence and Big Data using Hadoop
12	Shri Vivek.	MCA.	Koppal	Computer Expertise ,Artificial Intelligence and Machine Language
13	Shri Sachin Doddamani	Msc,	Belagavi	Computer Expertise Software engineering Artificial Intelligence

Group C : Language Expert Team (content validation of Lesson Plan)

- **Focus:** Multidisciplinary Lesson Pedagogical content,
- **Participants:** University Professor, Lecturer, B.Ed. College Lecturers, High school Teachers,(8th to 10th).Primary teachers (6th to 8th) Senior School Teachers and Subject Heads. Librarians
- **Contribution** They verified that the language content of reviews in pedagogical language kannada and English grammatical mistakes.

Sl. No	Name	Designation	Institution	Specific Contribution
1	Dr. Kiran	Assistant Professor	Department of Library Science R.C.U.Belagavi.	Educationist & Educational researcher
2	Dr. Kusagal	Assistant Professor	Department of English R.C.U.Belagavi	English
3	Dr.N S Jadhav	Assistant Professor	K.S.R. college of Education (B.Ed.) Belagavi	(Hindi)
4	Dr.N A Pujar	Assistant Professor	K.S.R. college of Education ((B.Ed.) Belagavi	(English)
5	Dr. Walishetti	Asst. Professor	M N R S College of Education Belagavi	(Kannada)
6	Dr.S.K.Talwar	Asst Professor	K L E Society's College of Education, Balagavi	(Kannada)
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8	Smt.V.L.Benakatti	Lecturer	C.T.E. College of Education, Balagavi	(English)
9	Smt.Z.G.Sayyada	Lecturer	C.T.E. College of Education, Balagavi	(English)
10	Shri.S.M.Kotagi	Lecturer	C.T.E. College of Education, Balagavi	(Kannada)
11	Smt.Riya Fernandes	Lecturer	K L E Society's Lingraj college, Balagavi	English
12	Smt.K.V.Goundadkar	Asst. Professor	K L E Society's College of Education, Balagavi	English
13	Shri.D.M.Chavan	Asst. Professor	Sagar College of Education,Belagavi	English.

14	Smt. M.D.Karwadi	Head master	K.H.P.S.No 24 Mahantesh Nagar Belagavi.	English,
15	Smt.Savitha M E	Asst. Teacher	K.H.P.S.No 24 Mahantesh Nagar Belagavi.	English
16	Smt. G.S.Bodki	Asst. Teacher	K.H.P.S.No 24 Mahantesh Nagar Belagavi.	Hindi
17	Shri Manjunath Mangalgatti	Asst. Teacher	Govt.High school Marakatti Belagavi	English
18	Smt Yuvarani S	Asst. Teacher	Govt.High school Marakatti Belagavi	Kannada
19	Shri Basavraj Ganiger	Asst. Teacher	Govt.High school Marakatti Belagavi	Hindi
20	Shri Raghavendra Thalakannavar	Asst. Teacher	Govt.KH.P.S Tarihal Belagavi	Hindi
21	Shri Ashok Khot	Head Master	Govt.H.P.S Kakati, Belagavi	Kannada
22	Smt.Geeta S Kannatti	Asst. Teacher	Govt.H.P.S Kakati, Belagavi	Hindi
23	Smt.Latila M Shetti	Asst. Teacher	Govt.H.P.S Kakati, Belagavi	English
24	Shri.S.J.Ellukoti	Asst. Teacher	K.L.E.S. G.A.composite PU college Belagavi	English
25	Shri.A.R.Patil	Asst. Teacher	K.L.E.S. G.A.composite PU college Belagavi	Hindi
26	Shri.Sunil Patil	Head Master	St.Peter English Medium High school Belagavi.	English

**Group D : Content Knowledge Quality Team and Pedagogical Validation Team
(Lesson Plans)**

- **Focus:** Multidisciplinary alignment and Classroom feasibility content, Pedagogical content, Teaching Methods Tools techniques Evaluation(CCE)
- **Participants:** University Professor, Lecturer, B.Ed. College Lecturers, High school Teachers,(8th to 10th) .Primary teachers (6th to 8th) Senior School Teachers and Subject Heads. Librarians

Contribution: They verified that the lesson plans successfully bridge multiple subjects and can be realistically executed within a standard school period. Content verification, Validity Pedagogical content, supporting 5E lesson plans Multidisciplinary Lesson Plans, Feedback. Review Pedagogical Experts Subject Matter Experts (SMEs)User Interface (UI) Testing & Idea Generation Lesson Plans

Sl. No	Name	Designation	Institution	Specific Contribution (Subject)
1	Dr.Sushma R	Chairman & Dean	Department of Education R. C. U.Belagavi	Educationist & Educational researcher
2	Dr.Yarriswamy M C	Professor & Guide	Department of Education Bangalore University	Educationist & Educational researcher
3	Dr.Kanakappa Pujar	Professor	Department of Education R. C. U. Belagavi	Educationist & Educational researcher
4	Dr. Kusagal	Assistant Professor	Department of English R.C.U.Belagavi	Educationist & Educational researcher
5	Dr. Kiran	Assistant Professor	Department of Library Science R.C.U.Belagavi.	Educationist & Educational researcher
6	Dr. Arun H Joshi	Principal	Jain Mahila Mandal college of Education for women(B.Ed.) Belagavi.	Pedagogy Review PedagogicalExperts Subject Educationist & Educational researcher
7	Dr.V.P Kuri	Principal	K L E Society's College of Education, Balagavi	Educationist & Educational researcher Pedagogy Review

8	Dr. Indira P Sutar	Principal	Shaikh College of Education, Balagavi	Educationist & Educational researcher Pedagogy Review
9	Dr.G.M.Sungar	Principal	K.S.R.(B.Ed.) College of Education, Balagavi	(SocialScience) Educationist & Educational researcher Pedagogical Experts Subject
10	Shri. Nirwani	Principal	K.L.E.Society's S.S.Basavanal D.Ed. College, Belagavi	(BioScience) Educationist & Educational researcher Pedagogy Review
11	Dr G M Sunagar,	Principal	K.S.R. college of Education (B.Ed.) Belagavi	(Social Sciene) Educationist & Educational researcher Pedagogy Review
12	Dr. S.A. Narasgouda	Assistant Professor	K.S.R. college of Education (B.Ed.) Belagavi	(Physical Science) Educationist & Educational researcher Pedagogy Review
13	Dr.N S Jadhav	Assistant Professor	K.S.R. college of Education (B.Ed.) Belagavi	(Hindi) Educationist & Educational researcher Pedagogy Review
14	Dr.N A Pujar	Assistant Professor	K.S.R. college of Education ((B.Ed.) Belagavi	(English) Educationist & Educational researcher Pedagogy Review
15	Dr.G R Kottennavavar	Assistant Professor	K.S.R. college of Education (B.Ed.) Belagavi	(History) Educationist & Educational researcher Pedagogy Review
16	Dr. V.R.Kundargi	Lecturer	C.T.E. College of Education, Balagavi	(English) Educationist & Educational researcher Pedagogy Review
17	Dr.Raghavendra.P K	Lecturer	C.T.E. College of Education, Balagavi	(Physical Science) Educationist & Educational researcher Pedagogy Review

18	Prof S R Toranagatti,	Lecturer	K.S.R.College of Education, Balagavi	(Mathematics) Educationist & Educational researcher
19	Prof D H Naik,	Lecturer	K.S.R.College of Education, Balagavi	(History) Educationist & Educational researcher
20	Shri.A.G.Patil	Lecturer	C.T.E. College of Education, Balagavi	(Physical Science) Educationist & Educational researcher
21	Smt.B J Peerjade	Lecturer	C.T.E. College of Education, Balagavi	(Mathematics) Educationist & Educational researcher
22	Shri. A.B.Adki	Lecturer	C.T.E. College of Education, Balagavi	(Biological Science) Educationist & Educational researcher
23	Shri.P S.Hiremath	Lecturer	C.T.E. College of Education, Balagavi	(Social Science) Educationist & Educational researcher
24	Shri.M R.Alase	Lecturer	C.T.E. College of Education, Balagavi	(Kannada) Educationist & Educational researcher
25	Smt.V.L.Benakatti	Lecturer	C.T.E. College of Education, Balagavi	(English) Educationist & Educational researcher
26	Smt.Z.G.Sayyada	Lecturer	C.T.E. College of Education, Balagavi	(English) Educationist & Educational researcher
27	Shri.S.M.Kotagi	Lecturer	C.T.E. College of Education, Balagavi	(Kannada) Educationist & Educational researcher
28	Dr. Shivakumar G Manaturagimath	Assistsnt Professor	S.S.E.T's Chandragiri College of Education, for women (B.Ed.) Belagavi	(Biological Science) Educationist & Educational researcher
29	Dr. Geeta Dayannavar	Assistant Professor	M.N.R.S. College of Education (B.Ed.) Belagavi.	(Mathematics) Educationist & Educational researcher
30	Dr.Walishetti	Asst. Professor	M N R S College of Education Belagavi	(Kannada) Educationist & Educational researcher

31	Dr.G.C.Kadannavar	Asst. Professor	K L E Society's College of Education, Balagavi	(Social Science and Hindi) Educationist & Educational researcher.
32	Dr.S.K.Talwar	Asst Professor	K L E Society's College of Education, Balagavi	(Kannada) Educationist & Educational researcher
33	Dr. Geeta Dayannvar	Principal	K.S.R.College of Education, Balagavi	(Mathematics) Pilot Testers (Students)
34	Shri Shivanand A Nirwani	I/C Prinipal	S S Basavanal T T I Belagavi	(Biological Science) Validity Pedagogical content, supporting 5E lesson plans
35	Shri Rayappa K Nerli	Lecturer	S S Basavanal T T I Belagavi	Mathematics Validity Pedagogical content, supporting 5E lesson plans
36	Smt S S Madiwalar	Lecturer	S S Basavanal T T I Belagavi	Mathematics Validity Pedagogical content, supporting 5E lesson plans
37	Ms.AF.Doddamani	Asst. Professor	K L E Society's College of Education, Balagavi	Biological Science Validity Pedagogical content, supporting 5E lesson plans
38	Shri. D.K.Kulkarni	Asst. Professor	K L E Society's College of Education, Balagavi	Mathematics Validity Pedagogical content, supporting 5E lesson plans
39	Dr.S.K.Talwar	Asst. Professor	K L E Society's College of Education, Balagavi	Kannada Validity Pedagogical content, supporting 5E lesson plans
40	Shri.Siddappa.P	Asst. Professor	K L E Society's College of Education, Balagavi	Social Science Validity Pedagogical content, supporting 5E lesson plans

41	Dr.G.C.Kadannavar	Asst. Professor	K L E Society's College of Education, Balagavi	Social Science and Hindi Validity Pedagogical content, supporting 5E lesson plans.
42	Smt.Riya Fernandes	Lecturer	K L E Society's Lingraj college, Balagavi	English Validity Pedagogical content, supporting 5E lesson plans.
43	Smt.K.V.Goundadkar	Asst. Professor	K L E Society's College of Education, Balagavi	English Validity Pedagogical content, supporting 5E lesson plans.
44	Shri.D.M.Chavan	Asst. Professor	Sagar College of Education,Belagavi	English Validity Pedagogical content, supporting 5E lesson plans.
45	Smt. M.D.Karwadi	Head master	K.H.P.S.No 24 Mahantesh Nagar Belagavi.	English Validity Pedagogical content, supporting 5E lesson plans
46	Smt.Savitha M E	Asst. Teacher	K.H.P.S.No 24 Mahantesh Nagar Belagavi.	English Validity Pedagogical content, supporting 5E lesson plans
47	Smt. G.S.Bodki	Asst. Teacher	K.H.P.S.No 24 Mahantesh Nagar Belagavi.	Hindi Validity Pedagogical content, supporting 5E lesson plans
48	Smt. A.M.Kudari	Asst. Teacher	K.H.P.S.No 24 Mahantesh Nagar Belagavi.	Social Science & Kannada Validity Pedagogical content, supporting 5E lesson plans

49	Smt. M.S. Mallolli	Asst. Teacher	K.H.P.S.No 24 Mahantesh Nagar Belagavi.	Science & Mathematics Validity Pedagogical content, supporting 5E lesson plans
50	Shri Prashanta Dalvai	Asst. Teacher	K.H.P.S.No 24 Mahantesh Nagar Belagavi.	English Validity Pedagogical content, supporting 5E lesson plans
51	Shri. C.P.Devarushi	Vice-Principal	K.L.E.S. G.A.composite PU college Belagavi.	Mathematics Validity Pedagogical content, supporting 5E lesson plans
52	Shri. C M Pagada	Asst. Teacher	K.L.E.S. G.A.composite PU college Belagavi.	Social Science Validity Pedagogical content, supporting 5E lesson plans
53	Smt.V.I,Angadi	Asst. Teacher	K.L.E.S. G.A.composite PU college Belagavi.	Social Science Validity Pedagogical content, supporting 5E lesson plans
54	Shri.S.J.Ellukoti	Asst. Teacher	K.L.E.S. G.A.composite PU college Belagavi.	English Validity Pedagogical content, supporting 5E lesson plans
55	Shri.A.R.Patil	Asst. Teacher	K.L.E.S. G.A.composite PU college Belagavi.	Hindi Validity Pedagogical content, supporting 5E lesson plans
56	Shri.M.S.Magadam	Asst. Teacher	K.L.E.S. G.A.composite PU college Belagavi.	Science Validity Pedagogical content, supporting 5E lesson plans
57	Shri.Sunil Patil	Head Master	St.Peter English Medium High school Belagavi.	English Validity Pedagogical content, supporting 5E lessons

58	Smt.Sandya Patil	Asst. Teacher	St.Peter English Medium High school Belagavi.	Hindi Validity Pedagogical content, supporting 5E lesson plans
59	Smt.Sangeeta Shinde	Asst. Teacher	St.Peter English Medium High school Belagavi.	Kannada Validity Pedagogical content, supporting 5E lesson plans
60	Shri.Baburao Pawar	Asst. Teacher	St.Peter English Medium High school Belagavi.	Social Science Validity Pedagogical content, supporting 5E lesson plans
61	Shri. C N Naik	Asst. Teacher	St.Peter English Medium High school Belagavi.	Maths Validity Pedagogical content, supporting 5E lesson plans
62	Smt.Archana Ghatage	Asst. Teacher	St.Peter English Medium High school Belagavi.	Science Validity Pedagogical content, supporting 5E lesson plans
63	Smt.Archana Ghatage	Asst. Teacher	St.Peter English Medium High school Belagavi.	Science Validity Pedagogical content, supporting 5E lesson plans
64	Shri.	Head Master	St.John English Medium High school Kakati, Belagavi.	Social Science Validity Pedagogical content, supporting 5E lesson plans
65	Smt.Shruti Shanabagh	Asst. Teacher	St.John English Medium High school Kakati, Belagavi	Science and Maths Validity Pedagogical content, supporting 5E lesson plans
66	Shri.P.P.Hunashal	Asst. Teacher	St.John English Medium High school Kakati, Belagavi	Hindi Validity Pedagogical content, supporting 5E lessons

67	Smt.P S Hulikavi	Asst. Teacher	St.John English Medium High school Kakati, Belagavi	Social Science and English Validity Pedagogical content, supporting 5E lesson plans
68	Shri Ashok Khot	Head Master	Govt.H.P.S Kakati, Belagavi	Kannada Validity Pedagogical content, supporting 5E lesson plans
69	Smt.Geeta S Kannatti	Asst. Teacher	Govt.H.P.S Kakati, Belagavi	Hindi Validity Pedagogical content, supporting 5E lesson plans
70	Smt.Latila M Shetti	Asst. Teacher	Govt.H.P.S Kakati, Belagavi	English Validity Pedagogical content, supporting 5E lesson plans
71	Smt.S S Karvinakoppa	Asst. Teacher	Govt.H.P.S Kakati, Belagavi	Social Science Validity Pedagogical content, supporting 5E lesson plans
72	Shri Shivanada Tallur	Asst. Teacher	Govt.H.P.S Kakati, Belagavi	Mathematics Validity Pedagogical content, supporting 5E lesson plans
73	Smt. S.J.Hosur	Asst. Teacher	Govt.H.P.S Kakati, Belagavi	Science Validity Pedagogical content, supporting 5E lesson plans
74	Shri.V.R.Golihalli	Incharge Head Master	Govt.KH.P.S Tarihal Belagavi	Mathematics & Science Validity Pedagogical content, supporting 5E lesson plans
75	Shri Raghavendra Thalakannavar	Asst. Teacher	Govt.KH.P.S Tarihal Belagavi	Hindi Validity Pedagogical content,

				supporting 5E lesson plans
76	Smt.Savita S Sangolli	Asst. Teacher	Govt.KH.P.S Tarihal Belagavi	English Validity Pedagogical content, supporting 5E lesson plans
77	Shri Anad K Shatri	Asst. Teacher	Govt.KH.P.S Tarihal Belagavi	Social Science Validity Pedagogical content, supporting 5E lesson plans
78	Shri Manjunath Mangalgatti	Asst. Teacher	Govt.High school Marakatti Belagavi	English Validity Pedagogical content, supporting 5E lesson plans
79	Smt Yuvarani S	Asst. Teacher	Govt.High school Marakatti Belagavi	Kannada Validity Pedagogical content, supporting 5E lesson plans
80	Shri Basavraj Ganiger	Asst. Teacher	Govt.High school Marakatti Belagavi	Hindi Validity Pedagogical content, supporting 5E lesson plans
81	Shri.Y G.Vgarakhod	Asst. Teacher	Govt.High school Marakatti Belagavi	Social Science Validity Pedagogical content, supporting 5E lesson plans
82	Smt Suma S Aralikatti	Asst. Teacher	Govt.High school Marakatti Belagavi	Maths Validity Pedagogical content, supporting 5E lesson plans
83	Smt B.P.Dharni	Asst. Teacher	Govt.High school Marakatti Belagavi	Science Validity Pedagogical content, supporting 5E lesson plans

Group E : End-User Impact & Pilot Testing and experimental Team

- **Focus:** Student Engagement, Practicality, and Learning Outcomes.
- **Participants:** A diverse group of Students and Classroom Observant .Student teachers of B.Ed. colleges
- K.S.R.B.Ed. college of Belagavi.
- ,Govt,C.,T..E.. college of Education Belagavi
- and K. L. E. Society's Collge of Education Belagavi.
- **Contribution:** They provided "real-world" feedback on whether the software actually makes learning easier and if the multidisciplinary approach with E Lesson Plans .

"The following individuals have contributed significantly to the successful completion of this research Their expertise in validating the NIRMAAN Software, ensuring the reliability of data, and refining the multidisciplinary lesson plans has been invaluable to the study's integrity."

I am very much thankful to all B.Ed student teachers of their support and each one directly and indirectly supported my research studies.

Thanking You,

Sincerely

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