

Prof. Dr. K. Y. BENEDICT
CURRICULUM VITAE As ON 27TH July 2023

PRINCIPAL (Rtd.)
Faculty of Physical Science Education
Mar Theophilus Training College
Nalanchira-PO,
Thiruvananthapuram
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TRAINED CERTIFIED NATIONAL CAREER COACH BY IATD INDIA LTD.

(Currently Working as Principal,
Mother Teresa College of Education (Unaided),
Perambra, Kozhikode, Kerala since 1st June 2023)

Founder Director of Creative Curriculum Concept (C 3) Foundation: A Secular, Equal
Opportunity, Non-Profit Oriented NGO in Applied Pedagogy (Since 2003)

Vice President, Council for Teacher Education (CTE), Kerala State Centre

Former General Secretary, All Kerala Training College Principals' Association

National Consultant, Council for Educational Administration and Management

Regional Coordinator, KFUNAI, United Nations Academic Impact

**Recent Programme Designed as Principal/Director at
Mar Theophilus Training College Research Centre or
Board of Studies and Faculty Member in Education:**

- **Catalyzed the infusion of Techno-Pedagogy and TPCKA based Papers and Practical in B.Ed. Curriculum 2014-15; 2015-17 and 2019 at the University of Kerala.**
- **Designed a Paper in on E-learning in revised M.Ed. Curriculum, 2019 at the University of Kerala.**
- **Web 2.0 Lab at MTTC**
- **Concept Paper Presentation Series at MTTC**
- **Insight-In depth Online Talk Series at MTTC**
- **M T T C ARCHIVES**



EDUCATION

- **University of Kerala** (*Faculty of Arts-IDE*) Thiruvananthapuram, Kerala, India- **P.G.D.C.J** - Communication and Journalism- 2008 –First Class- First Rank
- **University of Kerala** (*Faculty of Education*) Thiruvananthapuram, Kerala, India- **Ph.D.** in Education on ‘Nonformal Models in Chemistry Education’ – 2002
- **University of Madras** (*Meston College of Education, Royapetta, Chennai-14*) Chennai, India – M.Ed. – Education- 1994-First Class- First rank
- **University of Kerala** (*Mar Theophilus Training College, Nalanchira*) Thiruvananthapuram, Kerala, India - B.Ed. – Teaching of Physical Science – 1991 – First Class
- **University of Kerala** (*Mar Ivanios College, Nalanchira*) Thiruvananthapuram, Kerala, India - M.Sc. – Chemistry – 1990 – First Class
- **University of Kerala** (*St. John’s College, Anchal, Kollam*) Thiruvananthapuram, Kerala, India – B.Sc. – Chemistry – 1988 – First Class

RECOGNITIONS, FELLOWSHIPS AND AWARDS

- **National Eligibility Test (NET)** for Lectureship in Education – 1993 (First Chance) of University Grants Commission
- **Emma-Fouldger award** for proficiency in M.Ed. examination from Meston College of Education, Chennai – 1994 (First rank in M.Ed. from Meston College of Education, an autonomous College under University of Madras)
- **FIP Fellowship of UGC** to complete the research leading to Ph.D. – 2000-2001
- **Young Scientist Award** at the 14th Kerala Science Congress by Government of Kerala-2002.
- **Doctorate in Education** on Nonformal Models in Chemistry Education by University of Kerala – 2002.
- **Best Teacher Educator Award** – First recipient after inception by Council for Teacher Education (CTE), Kerala Chapter – 2003
- **Best Paper Presentation Award** – First Recipient after inception By Council for Teacher Education (CTE), Kerala Chapter – 2006
- **Dr. N. P. Pillai Memorial Research Publication Award** – First recipient after inception by Dr. K. Sivadsan Pillai foundation and Dr. N. P. Pillai Centennial Celebration Committee -1012
- **Award for Best Administration and Management 2020:** Council for Teacher Education Foundation (CTEF), Kerala State Center.

PUBLICATIONS AND PAPERS PRESENTED

I. Papers

1. Small Group Teaching Strategies (1998) *University News Vol.36 (21)*
2. The Impact of Writing Weekly Action Journal by Student Teachers (2000) *Staff and Educational Development International Vol.4 (2)*
3. The Paradigm Shift in the Role of Teachers: with a Futuristic Perspective (2000) *New Frontiers in Education Vol.30 (4)*
4. Science Education through Constructivism using Science-Technology –Society (S-T-S) Model of Teaching (2000) *Proceedings of the Fourteenth Kerala Science Congress: Jan. 2002.* [**Young Scientist Award Winning Paper**]
5. “Teacher Educator as a Reflective Practitioner: With Anecdotal Illustrations” (2002) *Souvenir of Council for Teacher Education Kerala Chapter*
6. “Indigenous Technology: A Core Component of Lifelong Learning Curriculum” (2002) *Proceedings of International Conference on ‘Lifelong Learning for Social Development’ held at Loyola College, Thiruvananthapuram*, Published by The University of Nijmegen, The Netherlands
7. “The Constructivist Model of Science Learning: with Anecdotal Illustrations” (2002) *International Educator Vol. 14 (1&2)*
8. “Module of Information Communication Technology (ICT) integrated B.Ed. Curriculum: A Proposal (2003), *Proceedings of the Second State Convention of Council for Teacher Education held at Thiruvananthapuram.*
9. “Comprehensive Teacher Education Institutes (CTEI) with Quality assessment through Portfolio Management: Possibilities” (2004), *Proceedings of the Third State Convention of Council for Teacher Education held at Thiruvananthapuram*
10. Mutual Comparison Reception Model (MCRM) of Concept Development in Science Learning at Secondary Classes: A Variation to the Brunerian Theory, iceri2011 proceedings indexed in Web of Knowledge ISBN: 978-84-615-3324-4
11. An Experience Analysis of Peer Evaluation of Classes by Novices during Practice-Teaching using Colour Coded Peer Review Wheel (CCPRW) iceri2011 proceedings, indexed in web of knowledge ISBN: 978-84-615-3324-4
12. Public-Private-Partnership (PPP) model as a means of self-reliance for school complex..., Compendium of Research papers by K.

Sivadasan Pillai Foundation for Educational Research and Extension,
Thiruvananthapuram, Kerala (2012)

13. A Journey through the Chronological Development of Objective Based Instructional Architecture of Classroom Interaction Designs, Compendium of IQEE 2013, Fathima Memorial Training College, Kollam, Kerala (2013)
14. Thought on Teacher Enlightenment- *Journal of Association of World Educators*, Vol. 42, Winter 2012-13, EAN 977-0904306003
[N. P. Pillai Memorial Publication Award Winning Paper]
15. An Expedition into the Conceptualization of Group Concept Mapping Model and Lesson Template in Science Teaching - *Teacher, Learner and Society* Vo. 10, No.1, June 2013, ISSN 2310-1709-19
16. A Narrative Interpretation of a Focus Group Discussion Episode on Emerging Educational Taxonomies by a Novice Investigator in the 'International Journal of Humanities and Social Science Invention' (IJHSSI), ISSN (Online): 2319-7722, ISSN (Print): 2319 -7714, Volume 3, Issue 7, July 2014, pp. 05-14. URL: [http://www.ijhssi.org/papers/v3\(7\)/Version-2/B037205014.pdf](http://www.ijhssi.org/papers/v3(7)/Version-2/B037205014.pdf)
17. The Conceptualization, Theorization and Functional Structuring of SOLO Taxonomy in the Teaching of Science: An Anecdotal Description by a Researcher in the 'International Journal of Informative and Futuristic Research' (IJIFR), ISSN (O): 2347-1697, Volume 4, Issue 11, July 2017, pp. 8117-8128. URL: <http://www.ijifr.com/pdfs/save/16-07-2017318IJIFR-V4-E11-010.pdf>
18. Conceptualization, Theory and Practice of Marzano's Taxonomy in Science Teaching: An Objective Portrayal by the Investigator in the 'International Journal of Research Culture Society' (IJRCS), ISSN: 2456-6683, Volume 1, Issue 8, October 2017, pp. 193-200. URL: <http://ijrcs.org/wp-content/uploads/201710039.pdf>
19. Conceptualization of the Group Concept Mapping Model with a Lesson Template in the Teaching of Science at the Secondary Level in the 'IOSR Journal of Humanities and Social Science' (IOSR-JHSS), e-ISSN: 2279-0837, ISSN: 2279-0845, Volume 22, Issue 11, November 2017, pp. 43-50. URL: <http://www.iosrjournals.org/iosrjhss/papers/Vol.%2022%20Issue11/Version-3/F2211034350.pdf>
20. Assessment of the Needs and Aspirations of the 21st Century Learners regarding Selected Learning Theories at the Secondary Level in the 'International Journal of Current Advanced Research' (IJCAR), ISSN (O): 2319- 6475, ISSN (P): 2319-6505, Volume 6, Issue 12, December 2017, pp. 7954-7957. URL:

<http://www.journalijcar.org/sites/default/files/issue-files/4901-A2017.pdf>

21. An Expedition through the Outcomes of a Focus Group Discussion on the Impact of Applied Instructional Objectives in Science Learning in the 'International Journal of Creative Research Thoughts' (IJCRT), ISSN: 2320-2882, Volume 6, Issue 1, January 2018, pp. 314-317.
22. An Exploration of the Prospects of Augmented Reality as a Giant Leap in e-Learning in the 'International Journal of Creative Research Thoughts' (IJCRT), ISSN: 2320-2882, Volume 6, Issue 1, January 2018, pp. 276-282.
23. A Probe into the Imperative Need for Ecologising the Contemporary Classrooms in the 'Eco Chronicle International Journal', ISSN: 0973-4155, Volume 12, Issue 4, December 2017, pp. 93-97.
24. The Inevitability in Fostering Ingenuity among the 21st Century Learners in the 'International Journal of Recent Scientific Research' (IJRSR), ISSN: 0976- 3031, Volume 9, Issue 2 (1), February 2018, pp. 24380-24383. URL: <http://www.recentscientific.com/sites/default/files/9957-A2018.pdf>
25. Conceptualization of an Innovative Educational Taxonomy for the 21st Century Learners in the 'ERIC Institute of Education Sciences' with ERIC number ED578106, December 2017. URL: <https://files.eric.ed.gov/fulltext/ED578106.pdf>
26. Progressive Development of Objective Based Instructional Designs in Classroom Interaction in the 'International Journal of Current Advanced Research' (IJCAR), ISSN (O): 2319-6475, ISSN (P): 2319-6505, Volume 7, Issue 3(I), March 2018, pp. 11022-11025
27. An Objective Depiction of the Theoretical and Practical Facets of Fink's Taxonomy in the Teaching of Science in the 'International Journal of Recent Scientific Research' (IJRSR), ISSN: 0976-3031, Volume 9, Issue 3 (E), March 2018, pp. 25003-25006. URL: <http://recentscientific.com/sites/default/files/10288-A-2018.pdf>
28. Learning Objective Grid Integrated Objective Based Science Instruction: A Viability Analysis in the 'Teacher, Learner and Society', ISSN: 2319-1709-26, Volume 13, Issue 2, December 2016, pp. 27-33.
29. An Exploration on the Application of John Kotter's Eight-Step Process of Successful Change in Education in the 'Gurujyothi Research and Reflections', ISSN: 0976-0865, Volume 11, Issue 2, July 2017, pp. 08-12.

30. Thomas, Neena & Benedict, K.Y. (2017). Deductive Analysis Pertaining to History of Science in India Based on the Perspective of Swami Vivekanada. IOSR Journal of Humanities and Social Science. 22. 25-27. 10.9790/0837-2207012527 (E-ISSN 2663-7197)
31. Thomas, Neena & Benedict, K.Y. (2017). ARTICULATIONS ON VISUAL ETHNOGRAPHIC APPROACH FOR A SCIENCE READER OF SECONDARY SCHOOL. Scholedge International Journal of Multidisciplinary & Allied Studies ISSN 2394-336X. 4. 60. 10.19085/journal.sijmas040702. MIAR ICDS Rank: 3.7 (2019)
32. Thomas, Neena & Benedict, K.Y. (2016) VISUAL ETHNOGRAPHY: AN APPROACH LINKING SCIENCE AND SCIENTIFIC CONSCIOUSNESS. in IRJMST,2016.11, International Research Journal of Management Sciences & Technology ,Vol.7 Issue- 11 , Page(s) : 30 - 35 (2016) DOI : <https://doi.org/10.32804/IRJMST> Impact Factor: 6.2311

II. Books as Editor

- **Introductory Model Reader in Physics** (2004), published by the Physical Science Student Teachers of Mar Theophilus Training College, Thiruvananthapuram, Kerala
- **Introductory Model Reader in Chemistry** (2004), published by the Physical Science Student Teachers of Mar Theophilus Training College, Thiruvananthapuram, Kerala

III. Books as Author

- Bauthika Sasthra Bhothanam – Oru Amukham (In Malayalam) – A Book on Teaching of Physical Science (2006) – C³ Foundation-Learner India Publishers, Thiruvananthapuram
- Learning –The Multiple Types (2007) [**In Press**] - C³ Foundation-Learner India Publishers, Thiruvananthapuram

IV. Chief-Editorship Held

- **Research Contributions Compendium Vol. 1** (2003) Published by the Publication wing of Mar Theophilus Training College, Thiruvananthapuram, Kerala
- **Research Contributions Compendium Vol. 2** (2014) Published by the Publication wing of Mar Theophilus Training College, Thiruvananthapuram, Kerala
- **Teacher, Learner and Society**, (2003 to 2014) a Biannual Interdisciplinary Research Journal in Education, Publication wing of Mar Theophilus Training College, Thiruvananthapuram, Kerala

- **Theophilus Campus Pulse** (2006 to 2010) Biannual News Letter, Publication Wing, Mar Theophilus Training College, Nalanchira, Thiruvananthapuram.

V. **Countries Visited**

1. **Spain-2011 (UGC Travel Fellowship)**

2. **U.K.-2012 (ICSSR Travel Fellowship)**

ON THE JOB INNOVATIVE AND CATALYTIC ACTIONS TO IMPROVE THE TEACHER EDUCATION PROGRAMME AT THE B.Ed. LEVEL IN THE PRESENT INSTITUTION AS ASSOCIATE PROFESSOR IN PHYSICAL SCIENCE (FROM 1995 TO 2022)

- Production of a **Computer Aided Learning Software** called CASIP -95 (*Computer Assisted Instruction Project*) utilizing the technical know-how of Student Teachers (1995)
- Beginning of **Subject Association Manuscript Magazine**, the first kind of that in the present college (1995)
- Institution of **Best Subject Association Trophy** (Ever Rolling) by the Student Teachers (1995)
- Beginning of a News Letter namely '**Akshaya Jyothis**' as the Programme Officer of Population Education Club of the college (1995)
- Setting up of an **Optional Class Library** by the contribution of the Student Teachers (1996)
- Initiation for the Exhibition Series through organizing a **Science Exhibition** in the college (1996)
- Introduction of Best **Out Going Student Award** by promoting the Physical Science class, which later the college adopted as major event of its annual activity (1997)
- Development of a **Concise Dictionary of Physics and Chemistry** for Secondary School Students based on the High school Science readers as a group project as part of the SUPW activity (1997)
- Organisation of a three days **Workshop on Preparation and Use of Puppetry as a Non-formal Media in Education** (1997)
- Undertook an **Action Research Project** to study the impact of writing **Weekly Action Journal (WAJ)** by Student teachers (Report Published) (1998)
- Institution of **Best Class Manuscript Magazine Trophy** (ever rolling) by motivating the Student Teachers of Physical Science (1999)
- Undertook an **Action Research** project to measure the **impact of one year Teacher Education Programme (B.Ed.)** on the selected Personality Variables of Student-Teachers (1999)
- Organised a **Seminar cum Exhibition** on '**Polymers in Human Life**' (triggered by announcement of Nobel Prize in Chemistry on Conducting Polymers) in collaboration with CSIR-RRL scientists, as part of the

Ph.D. research work at the college for students of neighborhood school and Student Teachers(2000)

- Setting up of **Photo Gallery of 60 Eminent Physicist and Chemists** (downloaded pictures from internet resources were processed and printed in photographic papers and mounted and laminated) as part of a **group project** in connection with the SUPW activity of Student Teachers(2001)
- Development of '**My Science Book**', a potential science teaching resource book as **individual project** of Student Teachers in tune with the activity oriented revised curriculum introduced in the secondary level(2002)
- Initiated the **modernization of the present classroom** with **P4 Multimedia computer** by the contribution of (then) present and old students of the class (2003)
- Organised a **talk on 'Information Technology in Classrooms'** led by **Dr. K. R. Sivadasan**, former Dean, Faculty of Education, University of Kerala as part of the inaugural ceremony of classroom computerization project(2003)
- Initiated the setting up of a **digital library** comprising of more than forty educational CD on science and technology in the classroom(2004)
- Inspired the production of a manuscript documentation of life and contributions of 34 great scientists entitled '**enchanted lives**'(2004)
- Initiation in organising a **science popularisation programme** aiming non-science student teachers of the college called as '**Weekly Science Exhibitions (WSE)**' (2004)
- Guidance to **innovative Practicums** as part of the revised B.Ed. curriculum of University of Kerala (2003-04) like **Development of a Historical Time Scale (HTS) of Science, Technology and Science Education in Kerala from 1956 to 2004** and **Collection and Construction of sets of Mnemonics in Physics and Chemistry for Secondary Level Science Learning**.(2005)
- Publication of **two model readers** viz. **Introductory Physics** and **Introductory Chemistry**(Both in multicolour digital print form in art papers in par with the standards of Cambridge Texts) (2005)
- Development of a **Website for Optional Class** by co-ordinating the Technical Know-how of Student Teachers of Physical Science class (www.keralateachers.cjb.net) (2006)

(Need updating from 2014 onwards)

RECENT INNOVATIONS IN CURRICULUM IMPLEMENTATION AND THEORETICAL CONTRIBUTIONS IN TEACHER EDUCATION (Since 2010)

- **Mutual Comparison Reception Model (MCRM) of Concept Development in Secondary Science Learning: A Variation to Brunerian Theory**

- **An Experience Analysis of Peer Evaluation of Classes by Novices during Practice Teaching-Teaching using Colour Coded Peer Review Wheel.**
- **Plus-Concept Infused Charts**
- **Activity Wave Paradigm in Employing the Activity Taxonomy of Teaching**
- **PAM-ORS Schedule for Criticism Class Observation**
- **Objective Vs. Action Plan Paradigm of Research Action Initiation**
- **Learning Outcome Grid Approach of Instructional Objective Writing in Lesson Template Designing**
- **New Nomenclature of Variables in Educational Research Design:**
- **4i Model of Creative Science Teaching**

MEMBERSHIP IN SOCIAL MEDIA AND ONLINE PROFESSIONAL BODIES/e-NEWS LETTER SUBSCRIPTION

- | | |
|--|---|
| 1. Face Book | 19. Education World |
| 2. LinkedIn | 20. NGO Box CSR |
| 3. Instagram | 21. Indeed |
| 4. Google Scholar | 22. Glass Door |
| 5. WhatsApp | 23. Kings College London
Company |
| 6. Design Management
Institute | 24. CENTA |
| 7. News From Science | 25. India Didactics Association |
| 8. Faculty Focus | 26. ChemLab Project, American
Chemical Society |
| 9. American Educational
Research Association
Network | 27. Edsurge K-12 |
| 10. Twitter | 28. R4D Education |
| 11. Messenger | 29. UNAI Newsletter |
| 12. Indian Teacher Educators | 30. IPSR Solutions Ltd |
| 13. Social Science Network | 31. Magna Publications Ltd
News Letter |
| 14. Academia.Edu | 32. Times Higher Education
Newsletter |
| 15. Research Gate | 33. Yidan Prize Foundation
News Letter |
| 16. CSR Box | 34. Conference Alert
Newsletter |
| 17. Family Online Safety
Institute | |
| 18. Royal Academy Of Arts | |

35. Institute Of Play Newsletter/Connected Learning Alliance
36. Game Based Learning Institute
37. Jstore

38. Visual Story Telling Institute News Letter
39. QS Global Education Newsbites
40. Arch Daily News Letter

**SELECTED SEMINARS, CONFERENCES, SYMPOSIA, WORKSHOPS ETC.
ATTENDED:** (*More Than 80, not completely covered*)

No.	Title/Place	Organiser	Time
1	State Level Workshop on 'Unification of B.Ed. lesson Planning' at Mavelikkara	Peet Memorial Training College, Mavelikkara	June 1995
2	Three Days Live In Course on 'Seven Habits of Highly Effective People' at Ernakulam	K C C H E, Kottayam	25-27 July 1997
3	Five days National Workshop on 'Preparation of Study Material for Neo-literates of Kerala' at Thiruvananthapuram	Nonformal Education Wing, M H R D, Govt. of India	November 1998
4	International Seminar on 'Rethinking Education and Culture' at Thiruvananthapuram	International Centre for Kerala Studies, University of Kerala	23 - 25, August 2000
5	National symposium on 'Freedom Yet to Win' at University of Kerala, Thiruvananthapuram	International Centre for Kerala Studies, University of Kerala	October 2000
6	'Cut-Outs' Animation Workshop	Kerala Chalachithra Academy and Max Muller Bhavan, Chennai	21-24 October 2000
7	14 th Kerala Science Congress, CUSAT, Cochin	STED, Govt. of Kerala	29-31, January 2002
8	National Seminar on 'Revamping Teacher Education in Kerala' at mar Theophilus Training College, Thiruvananthapuram	Council for Teacher education(CTE), Kerala Chapter	8-9 March 2002
9	Series of Workshops to design the Draft syllabus and Preparation of Text Books for Equivalency Programme	Kerala State Literacy Mission, Govt. of Kerala	2001-2002
10	Workshop for preparing text for 9 th STD Chemistry at Thiruvananthapuram	SCERT, Govt. of Kerala	May 2002

11	International Conference on 'Lifelong Education' at Loyola College of Social Sciences, Thiruvananthapuram	American Adult Education Association, University of Neijeman, The Netherlands and Loyola College, Thiruvananthapuram.	November 2002
12	15 th Kerala Science Congress at Kanakakunnu Palace, Thiruvananthapuram	STED, Govt. of Kerala.	29-31 January 2003
13	South Zone conference on Adult/Continuing Education at Thiruvananthapuram	Indian Adult education Association, Kerala State Branch	10-11 May 2003
14	Seminar cum Workshop in Preparing Colleges for Assessment and Accreditation	NAAC and AIACHE	25-30 May 2003
15	National Seminar on 'Innovations in Teacher Education' at Thiruvananthapuram	Council for Teacher Education, Kerala State Centre	29-30 August 2003
16	State Level seminar on Semesterisation of B.Ed. course' at Thiruvananthapuram	C T E, Kerala State centre	17, July 2004
17	State Level consultation on Instructional Strategies and Models of Teaching	Peet Memorial Training College, Mavelikkara	11-12 August 2004
18	State Seminar on 'Challenges of Teacher Education in the Emerging Contexts" at Thiruvananthapuram	C T E, Kerala State centre	30-31 July 2004
19	Workshop on 'Tele Education' at VSSC, Thiruvananthapuram	V S S C - Edusat wing in Connection with the World Space Week Celebration	5 October 2004
20	Workshop on Restructured B.Ed. curriculum	Kamala Rani training College and Kerala University Physical Science Teacher Educators Forum (K U P S T E F)	8 October 2004
21	M. G. University co-sponsored National seminar on Music Education Emerging New Perspectives	St. Joseph Training College for Women, Ernakulam, Kerala	14-15, January 2005
22	International Seminar on Holistic Education in a Technology Driven Era	Mar Theophilus Training College, Nalanchira-PO, Thiruvananthapuram, Kerala	23-26 January 2006
23	International Education Meet 2006	Govt. of Kerala-CUSAT, Kochi, Ernakulam	04-07 February 2006
24	5 th State Convention and National Seminar on TQM in Teacher Education	Council for Teacher Education, Kerala State Centre at N.S.S.Training College. Ottappalam.	13 th 14 th October 2006

25	National Seminar on Ethnic Tourism	KITTS, Govt. of Kerala at Thiruvananthapuram	9-11 February 2007
26	National Seminar on Progressive Advances in Constructive Pedagogy (As Resource Person)	BNV College of Teacher Education, Thiruvallam, Thiruvananthapuram	10 th and 11 th May 2007
27	Workshop on Quality Improvement in Research	University of Kerala, Thiruvananthapuram	28 th and 29 th September 2007
28	6 th State Convention and National Seminar on Unification of B.Ed. curriculum in Kerala State	Council for Teacher Education at Govt. C.T.E. Thycadu, Thiruvananthapuram, Kerala	8 th and 9 th February 2008
29	National seminar on Quality Research in Education as Resource Person	GCTE, Thycadu, Thiruvananthapuram, Kerala.	25 th and 26 th February 2008
30	National Seminar on Best Practices in IT-Enabled Teacher Education and Knowledge Management	Department of Education, University of Kerala, Thycadu, Thiruvananthapuram	17 th and 18 th October 2008
31	National Seminar on Life-Long Education	Dr. K. Sivadasan Pillai Foundation, Thiruvananthapuram	8 th November 2008
32	One day Orientation Programme on Critical Pedagogy and Issue Based Curriculum (As Resource Person)	C.T.E at G.C.T.E. Thiruvananthapuram	15 th November 2008
33	State Level Workshop on Critical Pedagogy and Issue based Curriculum(As Resource Person)	C.T.E and Titus II Teachers College, Thiruvalla.	29 th November 2008
34	State level Workshop on Teaching Practice in the Interface of Practicum and Problem Based Learning (As Resource Person)	Haneefa Kunju Memorial College of Education, Umayanallor, Kollam	12 th December 2008
35	International Workshop on Qualitative Research Methodologies (As Resource Person)	St. Thomas Training College, Mukkolakkal, Thiruvananthapuram	6 th and 7 th February 2009
36	Intel Teach Programme	Mar Theophilus Training College, Thiruvananthapuram-15	29 th June to 03 rd July 2009
37	International Seminar cum 8 th State Convention of C.T.E on Development Education: 21 st Century Paradigms for Teachers	C.T.E. and Dept. of Education University of Kerala at Thiruvananthapuram	30 th and 31 st of October 2009

(Updation from 2010 Pending)

PROFESSIONAL EXPERIENCE

- **Chemistry Teacher** at various High Schools and Higher Secondary schools in Kerala and Tamilnadu as full time and part time for five years from 1991 to 1995
- **Physical Science Lecturer** at the present college for Ten Years from 1995.
- **Member, Examination Board**, KPSC, Govt. of Kerala
- **Member, B.Ed. Examination** (Theory and Practical) **boards** – University of Kerala
- **Programme Officer**, Population Education and Information and Communication Technology Clubs
- Organisation of **Free Medical Camps** in the suburbs of Thiruvananthapuram through the Population Education Club of the college
- **Staff editor**, Editorial board, College Magazines and Class Manuscript Magazines
- **Secretary-Media, Council for Teacher education**, Kerala State Centre
- **Member, Organizing Committee**, State conventions of CTE for the years 2002, 2003 and 2004
- **Reviewer, Journal of chemical Education**(JCE), American Chemical Society, USA
- **Member, Textbook Committee**, Equivalency Programme, Kerala State Literacy Mission, Govt. of Kerala
- **Member, Textbook Preparation and Translation Committee**, SCERT, Govt. of Kerala
- **Visiting fellow, Homi Babha Centre for Science Education**, Mumbai on Invitation in 2003
- **General Coordinator, NAAC Accreditation Steering Committee** of Mar Theophilus training College, Nalanchira, (2003-2005 and in 2013-14)(the College acquired a 'A' and Grade certificate from UGC-NAAC)
- **Consultant to Kerala State Science and Technology Museum** and Priyadasrsini Planetarium in Gallery modernization-Chemistry gallery

- **Consultant to Dept. of Higher Secondary Education**, Govt. of Kerala in setting up of State Level Human resource Development Institute.
- **Member, Board of Question Paper Setting, B.Ed.**, University of Calicut.
- **Panel of authors, 100 Books on Knowledge Scheme**, Chintha Publications, Thiruvananthapuram, Kerala.
- **Member, Course Material Writing Team, M.A. in Youth Empowerment**, Rajeev Gandhi National Institute for Youth Development, Sriperumbathoor, Chennai, India.
- **Consultant Faculty, PGDEPM**, CACEE, University of Kerala, Thiruvananthapuram, Kerala
- **Member, Course Writing Team, Adult and Continuing Education**, IGNOU, New Delhi.
- **Evaluation Consultant** of School Students Science Talent Promotion Scheme – **INCULCATE-** of Govt. of Kerala
- **Member, Board of Studies in Education**, University of Kerala, Thiruvananthapuram
- **Member, Faculty of Education**, University of Kerala, Thiruvananthapuram
- **Core Committee Member** in **B.Ed.** and **M.Ed. curriculum revision** (2013-15) and (2018-19) of the university of Kerala.
- **Member, Evaluation Team of National Council for Teacher Education**, Govt. of India, (done visit to 5 colleges)
- **Underwent Assessors Training** by National Assessment and Accreditation Council, Bangalore
- **Participated in the National Level Orientation** for Higher Education Institutions aspiring to Autonomous Status (2019) jointly organised by UGC and NAAC held at Bangalore
- **Participated in the National Consultation Meeting** (3 sittings, 2018-19) as member for the revised new Assessment Manual of Teacher Education Colleges held at NAAC, Bangalore.

- **Research Guide in Education** at University of Kerala, Thiruvananthapuram, **produced 3 Ph.Ds**, 6 candidates registered and under investigation at different levels.
- successfully completed the **National Trainers Training Programme** of **IATD**, a national organisation for coaches and resource team

Ongoing Ph.D. Guidance (University of Kerala)

Name of Candidate	Topic	Center of Research
Divya Pushpan	Development of a Curriculum Model Based on Feminist Pedagogic Principles with special Reference to ESL learning	Mar Theophilus Training College Research Center, Nalanchira, Thiruvananthapuram, Kerala.
Swami Gurunandh Gyana Thapaswi	Development of A Model of Peace Education from the Teachings of Navajyothisree Karunakara Guru at The Secondary Level	
Christopher J	Effect of A Memory Enhancement Package To Improve Achievement and Self Concept of Secondary Level Students	
Prathiba Pious	Developing Game Based Learning Model in Science for Z Generation Learners of Seventh Grade.	
Akansha Prajapathi	Development of a Hybrid Visual Narrative Package for The Enhancement of Select English Language Skills Among Senior Secondary School Students	

Completed Ph.D. Guidance

Name of Candidate	Topic	Center of Research	Remarks
Sreeja S. R.	The Relationship Between Emotional Intelligence and Course Selection, Course Performance and Career Aspirations of Undergraduate Physics Students of University of Kerala	University of Kerala Library Research Center, Palayam	Completed, Not Submitted
Dr. Neena Thomas	Developing Instructional Package for History of Science Integrated Curriculum Transaction In Secondary Schools Using Visual Ethnographic	K C H R Samskrithi Bhavan, Trivandrum	Degree Awarded (2016)

	Approach		
Dr. Viji V.	Development of An Innovative Taxonomy Of Educational Objectives for the 21 st century Learners.	Mar Theophilus Training College Research Center	
Dr. Silpa P.V.	Development of Multiple Intelligence Based Multi Media learning Package In Physics At Higher Secondary School Level	University of Kerala Library Research Center, Palayam	

Completed B.Ed. Level Project Guidance

Name of the Candidate	Topic	Year	Element of Innovation
Jamima Anna Mathew	Designing A Creative Expression Rich Science Learning Strategy At The Secondary School Level	2017	Blook Development/ 4i model of Creative Science Teaching
Swathy M. L.	Effectiveness of Designed Games in Science Conceptualisation Among Secondary School Students	2018	Generation of Content based games Using Paper Strips used didactic Activities
Fr. Jomy Thomas	A Study on the Effectiveness of Digital Based Flash Cards in Augmenting Vocabulary Mastery Among Secondary Students	2018	Technology Integration in Language Learning
Betty S. S.	A case Study on the Learning Environment Provided at Government Tribal High School Meenankal, Thiruvananthapuram	2019	Promotion of a Field Analysis
Alan Abraham	Transforming Mar Ivanios Vidya Nagar to A Sports Hub: A Feasibility Analysis	2019	Futuristic Projection and Design Proposal
Molu N.C.	Rhythmic Stage Craft Skills As A Component of Multiple Intelligence on Academic Achievement: A Field Analysis	2020	Probe in to Dance Skill Influence on Learning by Students
Nandhu Tampi	Technology Supported Working Environment of Visually Impaired Teachers in Kerala: Challenges and Solutions	2020	An Analytical Field Study
Sonu Paul	An Exploration to The Cause and Remediation of <i>Mathphobia</i> at Secondary School Level	2020	An Analytical Probe into problem solving

Asha Mariya Sunny	Developing A Micro Visual Almanac for Science Education Among High School Students (As Conceptual Idea provider and Consultant)	2020	A Pilot Testing with Visual Almanac Concept in Science Education
Archana Sudhevan	A Study on Mobile Based Micro Learning and Assessment Among Secondary School Students	2021	Development of Sample Micro Learning and Assessment in Physics and Chemistry
Fr. Nibin Joseph	Development of a Package for School Teachers to up-skill Their Techno-Pedagogic Competencies in The Covid-19 Era.	2021	Package of WEB 2.0 Learning Apps and Tools for Teachers

Completed M.Ed. Level Project Guidance

Name of the Candidate	Topic	Year	Element of Innovation
S. Sreejith (Swami Gurunanth Gyana Thapaswi)	Elucidation of a Holistic Framework for Education from the Teachings of Navajyothi Sree Karunakara Guru	2017	Extraction of the Curricular Potential as base for building a novel curriculum framework from the teachings of a contemporary Hindu Sage (late) in Pothencode, Thiruvananthapuram
Mr. Stephan M. A.	Developing a Package of Yoga for Students of Higher Education for Promoting Dexterity and Equanimity of Mind as Envisaged in Bhagavad Geetha.	2018	Cultural Correlation of Indian Knowledge system namely practical outcome of Yoga and message of Bhagavad Geetha
Mrs. Remya Rajan	Development of an Instructional Package in Sociology Based on Mindfulness Theory for Higher Secondary School Students	2020	Field Level Feedback of application of Mindfulness Theory in learning Sociology Concepts
Mrs. Sreena S.	Development of a Package for Minimizing the Constraints of English Language Teachers	2021	

	Engaged in Online Transaction		
Sr. Jomy P. J. SIC	The Educational Programme for Women Empowerment of Arch-Dioecese of Thiruvalla	2022	Future Projection for Women Empowerment through a Historical cum Broad Case Analysis.
Mrs. Payal Kundu	Development of a Module Based on Domain-Specific Instruction Theory for Conceptual Understanding of Mathematisation among Secondary School Students	2022	Design and Practice of a module in Mathematics based on Domain-Specific Instruction Theory

MEMEBERSHIP/PARTICIPATION IN PROFESSIONAL ORGANISATION AND PROJECTS

- National Association for Research in Science Teaching(NARST), USA
- Council for Teacher Education Foundation(CTEF), India
- Chemical Research Society of India(CRSI), Indian Institute of science, Bangalore, India
- Volunteer Member, CHEMLAB Project, American Chemical Society, USA
- Council for Educational Administration and Management (CEAM)
- Association of International Researchers of Indian Origin (AIRIO), New York

ONGOING SELF INITIATED PROJECT (POST SUPER ANNUATION)

100 DAYS; 101 COLLEGES: An Academic-Cultural Pilgrimage to visit as many colleges in the southern states of the country within the next one year to give a talk cum discussion session as per the requirement of the respective colleges. The project aims to bring out an anthology of the social intervention and impact that created by each of the visited college in the sub-culture of the geographical location the college is located; after the 101 visit is completed.

The college so far visited:

1. St. Thomas Training College, Mukkolakkal, Thiruvananthapuram, Kerala
2. KUCTE, Nedumangadu, Thiruvananthapuram, Kerala, India.
3. BNV College of Teacher Education, Thiruvallom, Thiruvananthapuram, Kerala

4. KTCT Arts and Science College, Kaduvayil, Thiruvananthapuram, Kerala, India
5. Carmel Public School and Junior College, Peyad, Thiruvananthapuram, Kerala, India.

SERVICE DETAILS

Date of Birth: 21st April 1967

Age: 56 Years

Date of entry in to regular collegiate education service: 1st June 1995

Total Duration as Principal: 09 Years (2014 to 2023)

Total Years of Service: 31 Years (including Primary, Secondary and Higher Secondary Schools)

Training Given/Addressed: >25,000 People

27.07.2023.
Thiruvananthapuram.

Prof. Dr. K. Y. BENEDICT