

## Profile

Name : Dr. P.S.Sukumaran

Designation : Professor in Special Education,  
Dean, Faculty of Behavioural Sciences

Mahatma Gandhi University.  
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Mahatma Gandhi University,  
Priyadarsini Hills P. O.,  
Kottayam – 686562, Kerala, India.  
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Age and Date of birth : 58years, 28 – 05 – 1963

Educational Qualification : M.A, M.Ed., Ph.D.

Area of Specialization : Special Education  
(Education of Children with  
Intellectual Disability)

Areas of Research : Special Education,  
Intellectual Disability, and  
Scholastic Backwardness.

Teaching Experience : 31 years as on 12- 12- 2021

### **Research Experience and Training**

Number of Ph D Thesis awarded under the guidance : 16

Number of Ph D Thesis submitted and awaiting result : 2

Number of ongoing Ph D works : 5

Number of M Phil Thesis supervised : 40

Number of M Sc Thesis supervised : 53

### **Publications / Presentations**

1. Book: **Parental Involvement in the Education of Mentally Handicapped Children**. Discovery Publishing House, New Delhi. Published in **2000**.  
**Ist Reprint** of the Book was published in **2003**.  
**IInd Reprint** of the Book was published in **2010**  
**IIIrd Reprint** of the Book was published in **2015**.

2. 63 research papers and 16 general articles.
3. Presented papers in various national and international seminars.

**4. Research Publications**

1. Sneha Mohandas, Remya K. Ramanan, & Sukumaran, P. S. (2021). Accessibility of educational technology for teaching students with intellectual disability in special schools. *Strad Research*, 8,10, 242 – 249.
2. Ambady, K. G., Sukumaran, P. S., & Nandan, K. (2021). Use of response cards to increase engagement of students with intellectual disabilities in inclusive math class. *Journal of Applied Research in Intellectual Disabilities*, 34, 5, 1201.
3. Ambady, K. G., Sukumaran, P. S., & Noufal, P. (2021). Prospective teachers' efficacy for inclusive practices in South India. *Journal of Applied Research in Intellectual Disabilities*, 34, 5, 1203.
4. Suvrad, M. T., & Sukumaran, P. S. (2020). Problems of Infertile Couples with respect to their gender, age and duration of married life. *Strad Research*, 7, 12, 70 – 81.
5. Manoj, R., & Sukumaran, P. S. (2020). Anxiety among students with mild and moderate intellectual disability. *Strad Research*, 7, 12, 429 – 435.
6. Mary, P. V., & Sukumaran, P. S. (2020). Effect of Literacy-Rich-Approach in the Generalization and Maintenance of Reading Comprehension Skills in Children with Intellectual Disability. *International Journal of Research in Engineering, Science and Management*, 3, 7, 350 – 355.
7. Simili P. Chacko & Sukumaran, P. S. (2020). Satisfaction of special teachers in teaching children with disabilities. *Disabilities and Impairments*, 34, 2, 111 – 118.
8. Ambady, K. G., Sherly Mathew, Jobin Joseph, & Sukumaran, P. S. (2020). Accommodation as a Means of Differentiating Instructions for Students with Intellectual Disability in Inclusive Classrooms: Classroom Teachers Views. *Strad Research*, 7, 6, 423 – 434.
9. Jayakumar, P. R., Sukumaran, P. S., & Ananda Kesavan, T. M. (2020). High Risk Neonates – Follow up and Early Intervention. In T. M. Ananda Kesavan (Chief Editor). Febi Francis & Ashok Deorari (Editors). *Recent Advances in Neonatology*. Red Flower Publication Private Limited, Delhi. pp. 415 – 439.
10. A. K. Gopi, S. Mathew, & P. S. Sukumaran. (2019). Teacher's Perspectives on Differentiated Instructions for Students with Intellectual Disability in Inclusive Classroom. *Journal of Intellectual Disability Research*, 63, 7, 764.
11. A.K. Gopi, J. Root, S. Govindhan, & P. S. Sukumaran (2019). Teacher and Parent Perceptions of Comprehensive Sexuality

- Education for Individuals with Intellectual Disability in India. *Journal of Intellectual Disability Research*, 63, 7, 804.
12. Aby Daniel, A., & Sukumaran, P. S. (2019). A Study on the Importance of Parent Child Relationship in Early Developmental Stages of Children with and without Specific Learning Disabilities. *International Journal of Research and Analytical Reviews (IJAR)*, 6, 2, 997-1006.
  13. Sukumaran, P. S. (2019). Review the Status of Disability and Rehabilitation. Book of Abstracts. Published by SnehaSadan College of Special Education, Angamaly. pp. 29-30.
  14. Sukumaran, P. S. (2019). *Budhiparamaaya Velluvili Neritunnavarute Vidyaabhyasavum Puna ridhivaasavum: Gaveshana Padanangalute Avasyakathayum Sadhyathakalum* (Malayalam). Samam, Ruby Jubilee Souvenir of Ashanilayam Special School, Ponkunnam, pp. 112-114.
  15. Rohini U.K. Nair & P. S. Sukumaran. (2018). Development and Standardization of Cognitive Function Assessment Test (CFAT) for Children with Intellectual Disability. *International Journal of Research and Analytical Reviews*, 05, 04, 730-736.
  16. Rohini U.K. Nair & P. S. Sukumaran. (2018). Development and Standardization of a Scale for the Assessment of Teacher's Perception on Cognitive Functioning of Children (PASCIFID) with Mild and Moderate Intellectual Disability. *International Journal of Advance and Innovative Research*, 05, 04(V), 82-85.
  17. P. S. Sukumaran. (2018). Basic Concepts of Statistical Inference. *Research Trends in Undergraduate Courses*. Sindhya V. (2018). *Proceedings of National Seminar on Research in Undergraduate Courses: Trends and Practices*. Department of Education, University of Kerala, Thiruvananthapuram, pp. 14-19. ISBN 978-93-5346-705-0.
  18. Mini Mathew & P. S. Sukumaran. (2018). Functional Abilities of Adults with Intellectual Disability. *Disabilities and Impairments*, 32, 1, 63-75.
  19. P. S. Sukumaran & Shimmy Rosy P. A. (2018). Attitude of Parents of Persons with Intellectual Disability towards Rehabilitation Programmes. *Avila Journal of Educational Research*, VII, 1, 1- 8.
  20. Mini Mathew and Sukumaran, P.S. (2017). Community living skills of adults with intellectual disability. *EDUAPEX, DSCE Explore Periodical*, 3, 2, 1-7.
  21. Nisha, T. S., & Sukumaran, P. S. (2017). Awareness of Anganwadi workers on the early identification of childhood

- disabilities. *International Research Journal of Management Science & Technology*, 8, 7, 128-133.
22. Varsha Vidyadharan, Teena Mary Joy, & Sukumaran, P. S. (2016). Clinical Profile of Children with Intellectual Developmental Disorder: Institution Based Cross Sectional Study. *The International Journal of Indian Psychology*, 4, 81, 84-96.
  23. Mini Mathew and Sukumaran, P.S. (2016). Work related skills of adults with mild intellectual disability. *Disabilities and Impairments*, 30, 1, 21-27.
  24. Sukumaran, P. S., & Indu Chacko (2016). Systematic special education practices on developing functional arithmetic skills among children with intellectual disability. *Proceedings of the International summit on inclusion and response to intervention – a global perspective*. Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, Tamilnadu, pp. 126-129.
  25. Sukumaran, P. S. (2016). Adult Independent Living Skills: Concept, Need and Importance. Anugrahadepam, Silver Jubilee Souvenir of Anugraha Special School, Athirampuzha, pp. 47-49.
  26. Mary, P.V. (Sr. Glory), & Sukumaran, P.S. (2015). Effect of Literacy Rich Approach in the Generalizations and Maintenance of Vocabulary Skills in Children with Intellectual Disability. *Journal of Disability Management and Special Education*, 5, 1, 34-41.
  27. Simili P. Chacko & Sukumaran, P.S. (2015). Attitude of Parents of Persons with Mental Retardation towards Community Based Rehabilitation Programme. *Conflux Journal of Education* 2, 10, 8-15.
  28. Sukumaran, P.S. (2015). Adult Independent Living Skills. *Proceedings of Silver Jubilee Seminar of Marion Play Home, Special School for the Children with Mental Retardation, Thiruvananthapuram*.
  29. Sukumaran, P.S. (2015). Inclusive Education of Students with Mental Retardation. Silver Jubilee Souvenir. Nirmala Sadan Training College for Special Education, Muvattupuzha. pp. 6-10.
  30. Sukumaran, P.S. (2015). Parental Involvement in the Education of Mentally handicapped Children (3rd Reprint). Discovery Publishing House, New Delhi. ISBN: 978-81-7141-520-5.

31. Jayani, A., & Sukumaran, P.S. (2015) Awareness of Teachers of children with Mental Retardation on Reinforcement Strategies. Proceeding of the two day National Seminar on Paradigms of Educational Research for the 21st Century. Equipping Gen Next with Reflective Approaches,” Avila College of Education, Cochin, pp. 16- 22.
32. Sukumaran, P.S. (2014). Inclusive Education of students with Mental Retardation and Learning Disabilities. Theme paper published in the proceedings of UGC sponsored Two day National Seminar on “Inclusive Education”: An Imperative for Learning to live together. Titus II Teachers College, Thiruvalla, pp.14-24.
33. Sukumaran, P.S. (2014). Sampling Techniques. Theme paper published in the proceedings of National Workshop on “Quantitative Research and Data Analysis”, December 15-17, December 2014. Government College of Teacher Education, Thiruvananthapuram, pp. 27-42.
34. Nisha, T. S., & Sukumaran, P.S. (2014). Health Care Service Utility Behaviour of Mothers. Nepal Journal of Epidemiology, 4 2.
35. Ambady, K. G., & Sukumaran, P. S. (2014). Attitude of Tribals of Attappady towards Mental Retardation in terms of their Awareness Level on Mental Retardation. Conflux Journal of Education, 1, 11, 31 – 35.
36. Sukumaran, P. S. (2014). *Budhiparamaayavelluvilineritunnakuttikalutevidyaabhyaasam: Paadyapadhathi, Primary (Malayalam)*. Curriculum for Mentally Challenged Primary Students. SCERT, Thiruvananthapuram
37. Sukumaran, P. S. (2013). Research in Special Education: Problems and Prospects. Proceedings of National Seminar on Mental Retardation- Empowering professionals for Better Service. Nirmalasadana training College for Special Education, Muvattupuzha. ISBN No. 978- 93 – 83303-44-1. pp. 49-55.
38. Simili P. Chacko & Sukumaran, P. S. (2013). Attitude of Parents of Persons with Mental Retardation towards Community Based Rehabilitation. Proceedings of National Seminar on Mental Retardation- Empowering professionals for Better Service. Nirmalasadana training College for Special Education, Muvattupuzha. 20 – 21, May 2013. ISBN No. 978- 93 – 83303-44- 1. pp. 145-150.

39. Ambady, K. G., & Sukumaran, P.S. (2013). Awareness of Tribals of Attappady on Mental retardation. Proceedings of National Seminar on Mental Retardation- Empowering professionals for Better Service. NirmalaSadan Training College for Special Education, Muvattupuzha. 20 – 21, May 2013. ISBN No. 978- 93 – 83303-44-1. pp. 89-95.
40. Nisha, T.S., & Sukumaran, P. S. (2013). Awareness of Anganwadi workers on the characteristics of childhood disabilities. Proceedings of the two day National Seminar on Multi-disciplinary Approach to Childhood Disability Management. 3-4 December 2013, Organized by Centre for Disability Studies, Thiruvananthapuram. pp.52-60.
41. Ambady, K.G., & Sukumaran, P. S. (2013). Attitude of Tribals of Attappady towards Mental Retardation. Proceedings of the two day National Seminar on Multi-disciplinary Approach to Childhood Disability Management. 3-4 December 2013, Organized by Centre for Disability Studies, Thiruvananthapuram. pp.164-175.
42. Sukumaran, P. S. (2013). Slow and Steady. Silverite, Silver Jubilee Souvenir of School of Behavioural Sciences, Mahatma Gandhi University.
43. Umadevi, V. M. & Sukumaran, P. S. (2012). Functional Social Skills of Adults with Intellectual Disability. CBR and Inclusive Development, 23, 2, 72-80.
44. Umadevi, V. M. & Sukumaran, P. S. (2012). Functional Vocational Skills of Adults with Mental Retardation. GCTE Journal of Research and Extension in Education, 7, 1, 104-108.
45. Vijesh, P. V., & Sukumaran, P.S. (2012). Motor abilities and associated impairment in children with cerebral palsy. International Journal of Current Research and Review, 4, 5, 44-57.
46. Sukumaran, P.S., & Maya, P.M. (2011). Attitude of Parents towards their Children with Mental Retardation. Journal of Disability Management and Special Education, 1, 1, 21-27.
47. Remya, K. Remanan, & Sukumaran, P.S. (2011). Attitude of Special Teachers towards Integrated Education of Children with Mental Retardation. Innovations and Researches in Education, 1, 1, 25-34.
48. Sukumaran, P.S. (2011). Analysis of the Gap between Limited Expertise and the Heterogeneous Needs of Children with Mental

- Retardation in Inclusive Education. Proceedings of the National Seminar on Inclusive Education of Children with Mental Retardation : An Introspection. Ramakrishna Mission Vivekananda University, Faculty of Disability Management and Special Education, Coimbatore. pp. 30-34.
49. Sreedevi. T.R., &Sukumaran,P.S. (2010). Facilitating Factors of Coping in Mothers of Children with Mental Retardation. The Nursing Journal of India, CI, 10, 236-238.
  - 50.Sreedevi T.R., &Sukumaran, P.S. (2009). Stress and Coping in Mothers of Children with Mental Retardation. Kerala Nursing Forum, 4, 2, 9-12.
  - 51.Valsamma Joseph &Sukumaran, P.S. (2009). Health Status of Children with Mental Retardation. Kerala Nursing Forum, 4, 2, 27-36.
  - 52.Preena Lynette Amritha E., PriyaVijayan&Sukumaran, P. S. (2009). Attitude of Parents towards the Marriage of their Children with Mental Retardation. Proceedings of First International Conference. Women's Christian College, Nagercoil. pp. 244-250.
  - 53.Preena Lynette Amritha E., &Sukumaran, P.S. (2008). A Study on the Number and Time Skills of Children with Mental Retardation. In S.Christopher.(Ed.).Channeling the Challenges of Disability (vol. II). Suba Publications, Tiruchirappally. pp. 1 – 9.
  - 54.Sukumaran,P.S., & Suma SubhashChandran (2008). Strategies Adopted by Special Teachers in Managing Behaviour Problems of Children with Mental Retardation.In S.Christopher.(Ed.). Channeling the Challenges of Disability (vol.II).Suba Publications, Tiruchirappally. pp. 52 – 60.
  - 55.Vijesh,P.V., Suvarna P., &Sukumaran, P.S. (2008). Attitude of Regular Teachers towards the Integrated Education of Children withMental Retardation.In S.Christopher.(Ed.). Channeling the Challenges of Disability (vol.II).Suba Publications, Tiruchirappally.pp. 61 –69.
  - 56.Sreedevi. T.R., &Sukumaran, P.S. (2008). Stress of Mothers of Children with Mental Retardation.Kerala Nursing Forum, 3, 2, 7 – 12.
  - 57.Valsamma Joseph &Sukumaran, P.S. (2008). Perception of Parents Regarding Health Education Needs of Children with Mental Retardation. Kerala Nursing Forum, 3, 3, 7-15.
  - 58.Valsamma Joseph &Sukumaran, P.S. (2008). Perception of Teachers Regarding Health Education Needs of Children with MentalRetardation.The Journal of Nursing Research, 3, 2, 34-40.

59. Sukumaran, T.U., Vijesh, P.V., & Sukumaran, P.S. (2008). Developmental Delay and Disabilities in High Risk New Born : A Follow up Study. *Journal of Rehabilitation Council of India*, 4, 1&2, pp. 18-24.
60. Indu Chacko & Sukumaran, P.S. (2008). Social Skills of Mentally Retarded Children with and without Down's Syndrome. In S. Christopher. (Ed.). *Making a Difference*. Excel India Publishers, New Delhi. pp. 86-91.
61. Joy Joseph & Sukumaran, P.S. (2008). Parental Utilization of Government Provisions and Concessions for Persons with Mental Retardation. In S. Christopher. (Ed.). *Making a Difference*. Excel India Publishers, New Delhi. pp. 92-98.
62. Sukumaran, P.S., Prince, J.T., & Preena Lynette Amritha, E. (2008). A Study on the Functional Language Abilities of Intellectually Disabled Children with and without Down's Syndrome. In S. Christopher (Ed.). *Making a Difference*. Excel India Publishers, New Delhi. pp. 112-117.
63. Preena Lynette Amritha, E., Sajilakumari, P.G., & Sukumaran, P.S. (2008). Functional Expressive and Receptive Language Abilities of Students with Mental Retardation. In S. Christopher. (Ed.). *Making a Difference*. Excel India Publishers, New Delhi. pp. 118-123.
64. Sruthimol, K.P., & Sukumaran, P.S. (2008). Overprotection of Individuals with Mental Retardation. In S. Christopher. (Ed.). *Making a Difference*. Excel India Publishers, New Delhi. pp. 124-131.
65. Umadevi, V.M., & Sukumaran, P.S. (2008). Awareness of Parents of Individuals with Mental Retardation on The Persons With Disabilities Act, 1995. In S. Christopher. (Ed.). *Making a Difference*. Excel India Publishers, New Delhi. pp. 132-137.
66. Vijesh, P.V., & Sukumaran, P.S. (2007). Stress among Mothers of Children with Cerebral Palsy Attending Special Schools. *Asia Pacific Disability Rehabilitation Journal*, 18, 1, 76 – 92.
67. Letha, R., Celine Pereira, & Sukumaran, P.S. (2006). Attitude of Parents towards Education of their Children with Mental Retardation. *Proceedings of National Seminar on Managing Learning Problems*. St. Joseph College of Teacher Education, Ernakulam. pp. 80-83.
68. Sonniya Johny, P., & Sukumaran, P.S. (2006). Numeration Concepts of Low Achievers in Mathematics. *Proceedings of National Seminar on Managing Learning Problems*. St. Joseph College of Teacher Education, Ernakulam. pp. 83-88.
69. Santhosh, G., & Sukumaran, P.S. (2006). Attitude of Teacher Trainees towards the Integrated Education of Children with Mental

- Retardation. Proceedings of National Seminar on Managing Learning Problems. St. Joseph College of Teacher Education, Ernakulam. pp. 96-98.
70. Deepthi, S., & Sukumaran, P.S. (2006). Expressive and Receptive Language Difficulties among Scholastically Backward Upper Primary Students. Proceedings of National Seminar on Managing Learning Problems. St. Joseph College of Teacher Education, Ernakulam. pp. 108-112.
  71. Sandhya Govindan, & Sukumaran, P.S. (2006). The Problems of Mothers of Mentally Challenged. Proceedings of National Seminar on Managing Learning Problems. St. Joseph College of Teacher Education, Ernakulam. pp. 126-130.
  72. Sukumaran, P.S., Celine Pereira, & Letha, R. (2006). Attitude of Parents towards Education of their Children with Mental Retardation. In S. Christopher. (Ed.). Channeling the Challenges of Disability. Macmillan India Ltd., New Delhi. pp. 353 – 359.
  73. Preena Lynette Amritha, E., & Sukumaran, P.S. (2006). A Study on the Functional Reading and Functional Writing Skills of Children with Mental Retardation. In S. Christopher. (Ed.). Channeling the Challenges of Disability. Macmillan India Ltd., New Delhi. pp. 411 – 417.
  74. Minikutty, A., & Sukumaran, P.S. (2001). Involvement of Parents in Education and Training of Mentally Retarded Children: Teacher's Perception. Pedagogics, 2, 1, 49-54.
  75. Sukumaran, P.S. (2000). Parental Involvement in the Education of Mentally Handicapped Children. Discovery Publishing House, New Delhi. First reprint of the book was published in 2003, second reprint was in 2010, and the third reprint was published in 2015.
  76. Sukumaran, P. S. (1999). Education of Mentally Retarded in Kerala - A Rethinking. Punarjani, 1, 2, 11-12.
  77. Sukumaran, P.S., & Nisha Mary Elias. (1998). Job Stress of Teachers of Mentally Retarded Children. Pedagogics, 1, 1, 52-56.
  78. Sukumaran, P.S. (1993). *Budhimandyam*. In *Vaikalyangale Ariyuka Athijeevikkuka*. Mahatma Gandhi University. pp. 31-46.
  79. Sukumaran, P.S. (1993). *Padanavaikalyangal*. In *Vaikalyangale Ariyuka Athijeevikkuka*. Mahatma Gandhi University. pp. 47-53.

### **Publications in the Conference proceedings**

1. Sukumaran, P. S. (2019). Review the Status of Disability and Rehabilitation. Book of Abstracts. Published by SnehaSadan College of Special Education, Angamaly. pp. 29-30.
2. P. S. Sukumaran. (2018). Basic Concepts of Statistical Inference. Research Trends in Undergraduate Courses. Sindhya V. (2018). Proceedings of National Seminar on Research in Undergraduate Courses: Trends and Practices. Department of Education, University of Kerala, Thiruvananthapuram, pp. 14-19. ISBN 978-93-5346-705-0.
3. Sukumaran, P. S., &InduChacko (2016). Systematic special education practices on developing functional arithmetic skills among children with intellectual disability. Proceedings of the International summit on inclusion and response to intervention – a global perspective. Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, Tamilnadu, pp. 126-129.
4. Jayani, A., &Sukumaran, P.S. (2015) Awareness of Teachers of children with Mental Retardation on Reinforcement Strategies. Proceeding of the two day National Seminar on Paradigms of Educational Research for the 21st Century. Equipping Gen Next with Reflective Approaches,” Avila College of Education, Cochin, pp. 16- 22.
5. Sukumaran, P.S. (2014). Inclusive Education of students with Mental Retardation and Learning Disabilities. Theme paper published in the proceedings of UGC sponsored Two day National Seminar on “Inclusive Education”: An Imperative for Learning to live together. Titus II Teachers College, Thiruvalla, pp.14-24.
6. Sukumaran, P.S. (2014). Sampling Techniques. Theme paper published in the proceedings of National Workshop on “Quantitative Research and Data Analysis”, December 15-17, December 2014. Government College of Teacher Education, Thiruvananthapuram, pp. 27-42.
7. Sukumaran, P. S. (2013). Research in Special Education: Problems and Prospects. Proceedings of National Seminar on Mental Retardation- Empowering professionals for Better Service. Nirmalasadana training College for Special Education, Muvattupuzha. ISBN No. 978- 93 – 83303-44-1.pp. 49-55.
8. Simili P. Chacko&Sukumaran, P. S. (2013). Attitude of Parents of Persons with Mental Retardation towards Community Based Rehabilitation. Proceedings of National Seminar on Mental Retardation- Empowering professionals for Better Service. Nirmalasadana training

- College for Special Education, Muvattupuzha. 20 – 21, May 2013.ISBN No. 978- 93 – 83303-44-1. pp. 145-150.
9. Ambady, K. G., &Sukumaran, P.S. (2013). Awareness of Tribals of Attappady on Mental retardation. Proceedings of National Seminar on Mental Retardation- Empowering professionals for Better Service. NirmalaSadan Training College for Special Education, Muvattupuzha. 20 – 21, May 2013.ISBN No. 978- 93 – 83303-44-1. pp. 89-95.
  - 10.Nisha, T.S., &Sukumaran, P. S. (2013). Awareness of Anganwadi workers on the characteristics of childhood disabilities. Proceedings of the two day National Seminar on Multi-disciplinary Approach to Childhood Disability Management. 3-4 December 2013, Organized by Centre for Disability Studies, Thiruvananthapuram. pp.52-60.
  - 11.Ambady, K.G., &Sukumaran, P. S. (2013). Attitude of Tribals of Attappady towards Mental Retardation. Proceedings of the two day National Seminar on Multi-disciplinary Approach to Childhood Disability Management. 3-4 December 2013, Organized by Centre for Disability Studies, Thiruvananthapuram. pp.164-175.
  - 12.Sukumaran,P.S. (2011). Analysis of the Gap between Limited Expertise and the Heterogeneous Needs of Children with Mental Retardation in Inclusive Education. Proceedings of the National Seminar on Inclusive Education of Children with Mental Retardation : An Introspection. Ramakrishna Mission Vivekananda University, Faculty of Disability Management and Special Education, Coimbatore. pp. 30-34.
  - 13.Preena Lynette Amritha E., PriyaVijayan&Sukumaran, P. S. (2009). Attitude of Parents towards the Marriage of their Children with Mental Retardation. Proceedings of First International Conference. Women's Christian College, Nagercoil. pp. 244-250.
  - 14.Letha, R., Celine Pereira, &Sukumaran, P.S. (2006). Attitude of Parents towards Education of their Children with Mental Retardation.Proceedings of National Seminar on Managing Learning Problems. St. Joseph College of Teacher Education, Ernakulam. pp. 80-83.
  - 15.SonniyaJohny, P.,&Sukumaran, P.S. (2006). Numeration Concepts of Low Achievers in Mathematics. Proceedings of National Seminar on Managing Learning Problems. St. Joseph College of Teacher Education, Ernakulam. pp. 83-88.
  - 16.Santhosh, G., &Sukumaran, P.S. (2006). Attitude of Teacher Trainees towards the Integrated Education of Children with Mental Retardation.Proceedings of National Seminar on Managing Learning

- Problems. St. Joseph College of Teacher Education, Ernakulam. pp. 96-98.
17. Deepthi, S., & Sukumaran, P.S. (2006). Expressive and Receptive Language Difficulties among Scholastically Backward Upper Primary Students. Proceedings of National Seminar on Managing Learning Problems. St. Joseph College of Teacher Education, Ernakulam. pp. 108-112.
  18. Sandhya Govindan, & Sukumaran, P.S. (2006). The Problems of Mothers of Mentally Challenged. Proceedings of National Seminar on Managing Learning Problems. St. Joseph College of Teacher Education, Ernakulam. pp. 126-130.

### **Innovations / Constructions in Teaching.**

1. Actively involved in designing the curricula and commencement of the following programmes in the University.
  - i) B.Ed. Special Education (Intellectual Disability).
  - ii) B.Ed. Special Education (Learning Disability).
  - iii) M.Ed. Special Education (Intellectual Disability).
  - iv) M.Phil. Special Education and Rehabilitation Sciences.
  - v) M.Sc. Disability Studies and Rehabilitation Sciences.
  - vi) M. A. Social Work in Disability Studies and Action
2. Developed functional skill in the application of SPSS in data analysis and guiding M.Sc, M.Phil. and Ph.D. students in statistical analysis of research data.
3. Developed and implemented the practice of teaching Research Methodology and Statistics as two separate courses for all the Post Graduate programmes of the School.

### **Participation in Corporate Life**

1. Member, Syndicate, Mahatma Gandhi University
2. Dean, Faculty of Behavioural Sciences, Mahatma Gandhi University.
3. Former Director, School of Behavioural Sciences, Mahatma Gandhi University.
4. Former Director of Research, Mahatma Gandhi University.
5. Chairman, Grievance Redressal committee for affiliated colleges, Mahatma Gandhi University.

6. Chairman, Board of Examiners, B. Ed. and M.Ed. Special Education (Intellectual Disability), Mahatma Gandhi University.
7. Chairman, Expert Committee, B.Ed.Special Education (Intellectual Disability), Mahatma Gandhi University.
8. Chairman, Expert Committee, M.Ed.Special Education (Intellectual Disability), Mahatma Gandhi University.
9. Member, Academic Council, Mahatma Gandhi University.
10. Former Member (University Nominee), Governing Council, St. Teresa's College (Autonomous). Ernakulam.
11. Member (University Nominee), Academic Council, St. Teresa's College (Autonomous). Ernakulam.
12. Member (University Nominee), Academic Council, Rajagiri College of Social Sciences (Autonomous). Kalamassery.
13. Member, Planning Board, Mahatma Gandhi University.
14. Member, Editorial Board, Guru Journal of Behavioural and Social Sciences.
15. Member, Review Board of Various Journals.
16. Resource person for the various seminars and extension activities of State Institute for the Mentally Challenged.
17. Resource person, SCERT Project on Curriculum Development for Children with Intellectual Disability. SCERT, Thiruvananthapuram.
18. Member, Panel for Adjudication of Ph.D. Thesis of various Universities.
19. Life Member, Kerala MandabudhiKshemasamithi, Kottayam – a voluntary organization for the welfare of persons with intellectual disability.
20. Resource Person to National and International Seminars organized by various organizations in the field of Special Education.