

Profile of Dr.H. Indu

- (i) Designation : Associate Professor
- (ii) Qualification : M.Sc,M.Ed., M.Phil.,Ph.D.,M.B.A.
- (iii) Experience : 17 years
- (iv) Specialization : Physics Education
- (v) Email id :indu@gmail.com



- (vi) Research Guidance:

	M.Phil	Ph.D
Degree Awarded	1	-
Guiding	-	4

- (vii) Publications

Category	Total	For the period 2010-2016
International journals	7	7
National and in house publications	9	4
Books	2	2
Full papers in conference proceedings	5	4

- (viii) Sponsored projects:

Title of the Project	Funding Agency	Duration	Total Amount in lakhs
Nutritional requirements of School Children in Coimbatore District	Coimbatore Municipal Corporation	2009-2010	1,10,000/-

- (ix) Seminars/Conferences/Workshops organized : 9
- (x) Seminars/Conferences/Workshops attended:48
- (xi) Invited talks: 11
- (xii) Professional affiliations: 1. Life member of SETRA and Indian Science Congress

a) Organization of Seminars / Symposia

S.No	Activities	Responsibilities	Year
1.	UGC sponsored students' workshop on "Restructuring Curriculum"	Organizing committee member	29.12.2010 & 30.12.2010
2.	UGC sponsored students' workshop on "Curriculum Re-engineering"	Organizing committee member	27.01.2011 & 28.01.2011
3.	UGC sponsored National Workshop on "Enhancing Educational Ecosystem"	Organizing committee member	9.03.2012 & 10.3.2012
4.	UGC sponsored students' workshop on "Restructuring Curriculum and Examination Reforms"	Organizing committee member	12.03.2012
5.	UGC sponsored 3-day Workshop on "Generation and Validation of MCQs"	Organizing committee member	1.7.2013 to 3.7.2013
6.	Research Convention titled "Research Ethics & Post Research Methods"	Organizing committee member	1.8. 2013 to 3.8.2013
7.	Research Convention titled "Path-Finder-Explore, Experiment, Elucidate Research"	Organizing committee member	5.2. 2014 to 7.2.2014
8.	Research Convention titled "Path-Finder-Explore, Experiment, Elucidate Research"	Organizing committee member	23.1. 2015 to 24.1.2015
9.	Research Convention titled "Research Ethics & Post Research Methods"	Organizing committee member	18.2. 2016 to 20 .2.2016

b) Membership/Participation in Bodies/Committees in other Universities

S.No	Activities/Events	Responsibilities
1.	Member of board of practical examination for B.Ed	Sri Ramakrishna Mission Vidyalaya College of Education, Coimbatore (2011,2010,2009,2012)
2.	Academic council member	Sri Ramakrishna Mission Vidyalaya College of Education, Coimbatore (2015)
3.	Question Paper scrutiny committee	Sri Ramakrishna Mission Vidyalaya College of Education, Coimbatore (2015)
4.	Result Passing Board member	Sri Ramakrishna Mission Vidyalaya College of Education, Coimbatore (2015)

c) Membership in Professional Organisation

- Life member of SETRAD (Society for Educational Technology, Research and Development)
- Member of Indian Science Congress(Membership No: A3236)

d) Talks / Lectures given

S.No	Institution	Year	Topic	Beneficiaries
1	Department of Physics, Avinashilingam University	2002	Preparation of Handmade and Photographic slides	UG Physics students
2	Department of Special Education, Department of Physics, Avinashilingam University	2003	Orientation on Psychology practicals	UG Special Education students
3	Sri Ramakrishna Polytechnic College, Vattamalaipalayam Coimbatore	2002	Teaching skills	Faculty members
4	Sri Ramakrishna Polytechnic College, Vattamalaipalayam, Coimbatore	2002	Personality Development	Faculty members
5	Faculty of Engineering, Avinashilingam University	2003	Enhancing Teacher Effectiveness	Faculty members
6	Little Flower Educational society	2004	Enhancing learning and learning styles of students	Staff members of all institutions of Little Flower Society from Kerala and Tamil Nadu
7	Sri Ramakrishna College of Education, Kanyakumari District	2009	Orientation on micro teaching	B,Ed students
8	Sri Ramakrishna College of Education, Kanyakumari District	2010	Strategies for effective teaching	Faculty members and B,Ed students
9.	Department of Physical Education, Avinashilingam University	2013	Managing time effectively-A quality needed for a leader	Leadership Training Camp for B.P.Ed students
10	Department of Education, Avinashilingam University	2016	21 st Century Learners	UGC sponsored 7 day workshop on “E-Content Development”
11	Department of Physical Education, Avinashilingam University	2016	Health and Hygiene	Multi sport summer camp

RESEARCH, PUBLICATIONS AND ACADEMIC CONTRIBUTIONS

(A) Articles / Papers Published in Journals

S.No	Title with page number	Journal , Volume , Number and Year	ISSN/ ISBN No	Impact Factor	Whether peer reviewed	No. of co-authors	Whether You are the main author
1	A comparative study of Personality characteristics of University students specializing in different branches of study. Pp 30-34	<i>Research Highlights</i> 14(2), 2004	2231-2374		Peer reviewed	1	Yes 1 st author
2	Emotional Intelligence: Its relevance to present day education. Pp 30-31	<i>Miracle of Teaching</i> 6(1),2006	-		Peer reviewed	1	1 st author
3	Perceptual Learning Styles of High School Students Pp 7-9	<i>Research and Reflections on Education</i> 4,2008	0974-648 X		Peer reviewed	1	1 st author
4	Slumdog Millionaire Deserves the Flak-A feedback on S.Reddy's article on slumdog millionaire: World's first globalised masterpiece P 27	<i>Edutracks</i> 8(8),2009	0972-9844		Peer reviewed	-	-
5	Emotional Intelligence of Secondary Teacher Trainees Pp 34-39	<i>Edutracks</i> 8(9), 2009	0972-9844		Peer reviewed	-	-
6	Hemispheric Dominance and Learning style of High School Students	<i>New Horizons in Educational Research</i>	0975-4008		Peer reviewed	-	-

	Pp 1-7	2(1),2010					
7	Emotional Intelligence of College Students Pp 9-16	<i>Journal of Educational Research and Extension</i> 47(3), 2010	0973-6190		Peer reviewed	1	1 st author
8	The Eight Human Intelligences in the Classroom Pp 25-30	<i>Frontiers in Education and Research</i> 1(1), 2012	2277-3576		Peer reviewed	-	-
9	Altruism among college students	<i>Journal of Educational Research and Extension</i> 50(2),2013	0973-6190		Peer reviewed	-	-
10	Academic Performance and Emotional Intelligence-Their Inter Relationship	<i>International Journal of Scientific Research</i> 2(8),2013	2277-8179	3.508	Peer reviewed		
11	Teacher's attitude towards curriculum change in the implementation stage	<i>Global Research Analysis</i> 2(10),2013	2277-8160	3.62	Peer reviewed	1	-
12	An investigation into the student's Attitude towards modified science textbook	<i>Indian Journal of Applied Research</i> , 3(11), 2013	2249-555X	3.919	Peer reviewed		
13	Cerebral Hemisphericity of Higher secondary school students	<i>Indian Journal of Applied Research</i> , 5(4), 2015	2249-555X	3.919	Peer reviewed	1	-
15	Human Learning and Brain Dominance	<i>Paripex-Indian Journal of Research</i> , 4(5), 2015	2250-1991	5.215	Peer reviewed		
16	Metacognitive awareness among adolescents	<i>Paripex-Indian Journal of Research</i> , 4(8), 2015	2250-1991	5.215	Peer reviewed	1	1 st author
17	An evaluation of Higher secondary students' preferred learning style	<i>Indian Journal of Applied Research</i> ,	2249-555X	3.919	Peer reviewed	1	1 st author

(B) (i) Papers (full) Published in Conference /Workshop / Seminar Proceedings

S.No	Title with page nos	Details of Conference Publication	No. of co-authors
1	Environmental awareness among student teachers (pp 21-26)	Seminar proceedings of “Recent trends in Environmental Education” conducted on January 2008 by Regional Institute of Education, NCERT, Mysore.	1
2.	Technology Use by the New Millennium Student teacher	National conference on Information and Communication technology in Education- Perceptions and Professional Practices conducted on 14.3.2015 at Dr.N.G.P.College of Education, Coimbatore	1
3.	Teaching Chemistry concepts using Computer based Cognitive Organisers	National conference on Information and Communication technology in Education- Perceptions and Professional Practices conducted on 14.3.2015 at Dr.N.G.P.College of Education, Coimbatore	1
4.	Challenges faced by teachers in using technology as a tool in teaching -learning	IQAC sponsored National conference on Educational Technology in Teacher Education in the 21 st Century on 26 th & 27 th May ,2016 at Government College of Education for Women, Coimbatore	-
5.	Learning trajectories in Enhancing Geometric Reasoning of Low Achievers (pp-114-118) ISBN 978-93-85477-89-8	International Summit on Inclusion and Response to Intervention-A Global Perspective jointly organised by Minnesota University & Avinashilingam University on	-

(B) ii) Books published

S.No	Title with page nos.	Type of Book & Authorship	Publisher & ISSN/ISBN No	Whether Peer reviewed	No. of co-authors	Whether you are the main author
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1.	Emotional Intelligence and Academic Achievement : An eye opener Pages: 154	Research book by International publishers	Lap Lambert Academic Publishing Gmbtt& Co; Germany ISBN: 978-3-8454-4433-8	Yes	-	-
2	Psychology in Education Pages:231	B.Ed Study material	Bharathiar University – Distance Education	-	-	-

C) Research Projects completed

S.No	Title	Agency	Period	Grant / Amount Mobilized (Rs lakh)	Whether policy document/patent as outcome
1.	Nutritional Requirements of School Children in Coimbatore Corporation	Coimbatore Corporation	6 months	Rs. 1,00,000	Policy document

D) Papers (Abstracts) Published in Conference /Workshop / Seminar Proceedings

S.No	Title with page nos	Details of Conference Publication	No. of co-authors	Whether You are the main author
1	Personality characteristics of University students specializing in different branches of study.p131	Proceedings of XXV Indian Social Science Congress conducted from 28.01.2002 to 2.2.2002 at University of Kerala, Thiruvananthapuram	-	-
2	Choosing and using technology in classroom p.109	Proceedings of the International conference on “Quality Enhancement in Educational Communication” held on 29-30 th March,2008 at Bharathidasan University, Tiruchirapalli	2	1 st author

3	Developing competency based learning methods for the new millennium learners. pp 16-17	Proceedings of the NAAC sponsored National seminar on “Designing competency based curriculum for quality improvement” conducted on 24 th & 25 th March, 2011 at Vellalar College for Women, Erode.	1	1 st author
4	Curriculum planning to fill competency gap in technical education. P.59.	Proceedings of the NAAC sponsored National seminar on “Designing competency based curriculum for quality improvement” conducted on 24 th - 25 th March, 2011 at Vellalar College for Women, Erode.	1	2 nd author
5	Cognition and student empowerment pedagogy. Pp 5-6	Proceedings of the UGC sponsored National seminar on “Application of cognitive neuro sciences across disciplines” conducted on 16th & 17 th September, 2011 at Sri Sarada College of Education, Salem.	1	2 nd author

(E) Papers presented in Conferences , Seminars, Workshops , Symposia

S.No	Title of the paper presented	Title of conference/ Seminar & Date	Organisator	Whether international/national/state/regional/College or University level
1	Swami Vivekananda’s Ideal of Character Building Education	Seminar on Swami Vivekananda as a Social Reformer 24.01.2001	Centre for Studies on Swami Vivekananda, Avinashilingam Deemed University Coimbatore	University
2	Personality characteristics of University students specializing in different branches of study	XXV Indian Social Science Congress 28.01.2002 to 2.2.2002	University of Kerala, Thiruvananthapuram	National
3	Teaching Skills	Seminar on Instructional methods 4.1.2003	Ramakrishna Polytechnic College, Vattamalaipalayam	State
4	Swami Vivekananda and Spirituality	Seminar on “Swami Vivekananda’s Ideals” 10.12.2003	Centre for Studies on Swami Vivekananda, Avinashilingam	University

			Deemed University Coimbatore	
5	A study on Frustration tolerance of College students in relation to their adjustment	Seminar on Innovative Approaches in Education 29.07.2004 - 30.07.2004	Avila College of Education, Cochin	National
6	Teacher and Emotional Intelligence in Learning Centred Education	Conference on Learning Centred Education 27.01.2005- 29.01.2005	St. Ignatius College of Education, Tirunelveli	International
7	The importance of non verbal aspects of communication in teaching	Seminar on Quality teaching through better communication 24.08.2006- 26.08.2006	N.V.K.S.D College of Education, Attoor	National
8	Developing Competency based learning methods for the new millennium learners	National Seminar on Designing Competency-based Curriculum for Quality Improvement 24.03.11- 25.03.11	Vellalar College for Women, Erode	National
9	Curriculum planning to fill competency gap in technical education	National Seminar on Designing Competency-based Curriculum for Quality Improvement 24.03.11- 25.03.11	Vellalar College for Women, Erode	National
10	Cognition and student empowerment pedagogy	National Seminar on Applications of Cognitive Neuro Science Across Disciplines 16.09.11- 17.09.11	Sri Sarada College of Education, Salem	National
11	Know-How ICT among Student teachers	International Conference on E-Governance & cloud Computing Services E-Gov' 12 17.10.12 & 18.10.12	Dr.M.G.R.Educational and Research Institute University, Chennai	International
12	Role of Medium of	International	Alagappa	International

	Instruction and Parental Education on Cognition of Adolescents	Conference on Health indicators for physical and Cognitive Fitness Education. 26.2.16 & 27.2.16	University, Karaikudi	
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F) Conferences, Seminars, Workshops, Symposia participated (Without paper presentation)

S.No	Title of Conference/ Seminar	Date	Organized by	Whether International/ National/State/ Regional/ University/ College level
1	Workshop in Psychology	9.1.1998 - 10.1.1998	Centre for Research in Education , Aluva	State
2	Seminar on “Continuing education.”	17.03.1999	Centre for Adult, Continuing education & Extension, University of Kerala	Regional
3	Symposium on “Challenges for teachers in the new millennium.”	6.12.2000	Faculty of Education, Avinashilingam Deemed University for Women, Coimbatore	State
4	Seminar on “Widening Horizons in Chemistry.”	22.02.2003	Faculty of Science, Avinashilingam Deemed University Coimbatore	University
5	Seminar on “Quality research in Teacher Education.”	19.03.2004- 21.03.2004	Sri Ramakrishna Vidyalaya College of Education, Coimbatore	National
6	Workshop on “Reengineering Teaching Skills.”	9.3. 2004 - 10.3.2004	Faculty of Education, Avinashilingam Deemed University for Women, Coimbatore	University
7	Seminar on “Multiple intelligences and instructional technology-The praxis of teaching and learning.”	11.01.2008– 12.01. 2008	Sri Ramakrishna Vidyalaya College of Education, Coimbatore	National
8	Workshop on “Application of Information and Communication Technology for the teacher educators in Physical Sciences.”	21.01.2009	Centre for Educational Research, Madurai Kamaraj University	Regional

9	Orientation programme on Lead India 2020 Mission	4.9.2010	Lead India 2020 foundation	District
10	Workshop on Instrumentation in Educational Research	12.11. 2010	M.E.T College of Education, Kanyakumari	State
11	Workshop on “Thesis Writing Skills.”	27.11.2010	Christ University, Bangalore	National
12	Workshop on “Sensitization of UGC Norms for Promotion and Recruitment of University Teachers.”	30.11.2010	Avinashilingam Deemed University for Women, Coimbatore	University
13	Question bank workshop on “General Intelligence and Reasoning.”	10.02.2012- .11.02. 2012	Staff Selection Commission ,Chennai(Southern region)	Regional
14	Seminar on “Towards Quality Research in Education”	11.04.2011	N.V.K.S.D College of Education, Attoor	National
15	Workshop on “Effective Use of Brihaspati 3 under ERP Mission.”	23.04.2011- 24.04.2011	Indian Institute of Technology, Kanpur	National
16	User awareness programme on “National Library and Information services Infrastructure for scholarly content”.	21.01.2012	Sree Naryana Guru College ,Coimbatore & Information and Library Network Centre, Ahmedabad	College
17	Workshop on “Enhancing Educational Ecosystem”	9.3.2012 - 10.3.2012	Avinashilingam Institute for Home Science and Higher Education for Women	National
18	Conference on “Preparing world class teachers through online education: the future is now”	20.4.2012- 21.4.2012	Sri Ramakrishna Vidyalaya College of Education, Coimbatore	International
19	UGC sponsored Academic salon cum Workshop on ‘Cognitive Perspectives of Language acquisition’	6.8.2012	Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore	Regional
20	National Summit on Quality in Education ;Addressing Quality in Education for the 21 st century	14-15 September,2012	CII Institute of Quality at Infosys-Bangalore	National

21	One day workshop on 'Innovations in Teaching Methods'	28.9.2012	IQAC, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore	Regional
22	Ten days workshop on 'Practical Applications in Language: Instructional Planning , Usage & Development and Writing'	8 th -12 th & 15 th - 19 th October,2012	Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore	Regional
23	One day workshop on 'Tackle the Mind'	6.11.2012	Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore	Regional
24	Academic salon cum Workshop on "Exploring the Potential of Multiple-Choice Questions in Assessment"	9.1.2013	Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore	Regional
25	Workshop on "Portfolio assessment and Rubrics in Evaluation"	10.1.2013	Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore	Regional
26	National workshop on "Examination Reforms with special Reference to Credit Based Evaluation Systems"	4.3.2013 to 6.3.2013	Acharya Nagarjuna University, Andhra Pradesh	National
27	UGC sponsored 7 day workshop on E-content Development & Digital Lesson Plan Writing	5.2.16-11.2.16	Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore	Regional
28	Two day workshop on Fundamentals of Data Analysis and Analytics	12.2.16& 13.2.16	PSG Institute of Technology and Applied Research, Coimbatore	Regional